

Quality And Accreditation Institute Centre for International Accreditation

(formerly Centre for Laboratory Accreditation)



Certificate of Accreditation

Aikantika Testing Centre

Ground And First Floor, H.No.-9, C-Block,
Main Delhi Saharanpur Road, Ashok Vihar, Loni,
Ghaziabad-201102, Uttar Pradesh, India

has been assessed and accredited in accordance with the Standard

ISO/IEC 17025:2017

“General Requirements for the Competence of Testing and Calibration Laboratories”

In the field of

Testing

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



QAI/CIA/TL/2024/0039

Valid from: 10 February 2024

Valid until: 09 February 2026

A handwritten signature in black ink, appearing to read 'Bhupendra'.

Dr. Bhupendra Kumar Rana
Chief Executive Officer

A handwritten signature in black ink, appearing to read 'Vikram'.

Prof. Vikram Kumar
Chair, CIA



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Scope Extended w.e.f.: 03 October 2024

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Accreditation Standard: ISO/IEC 17025:2017

Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
1.	Household and similar Electrical appliance (Washing machine, Water heater, Ceiling Fan)	Classification	IS 302-1: 2008 IS 302-2-7: 2010 IS 302-2-21: 2018 IS 302-2-80: 2017 IEC 60335-1: 2020
2.	Household and similar Electrical appliance (Washing machine, Water heater, Ceiling Fan)	Marking and Instruction (Cl.7)	IS 302-1: 2008 IS 302-2-7: 2010 IS 302-2-21: 2018 IS 302-2-80: 2017 IEC 60335-1: 2020
3.	Household and similar Electrical appliance (Washing machine, Water heater, Ceiling Fan)	Protection Against Access to Live parts (Cl.8)	IS 302-1: 2008 IS 302-2-7: 2010 IS 302-2-21: 2018 IS 302-2-80: 2017 IEC 60335-1: 2020
4.	Household and similar Electrical appliance (Washing machine, Water heater, Ceiling Fan)	Starting of Motor Operated Appliances (Cl.9)	IS 302-1: 2008 IS 302-2-7: 2010 IS 302-2-21: 2018 IS 302-2-80: 2017 IEC 60335-1: 2020
5.	Household and similar Electrical appliance (Washing machine, Water heater, Ceiling Fan)	Power Input and Current (Cl.10)	IS 302-1: 2008 IS 302-2-7: 2010 IS 302-2-21: 2018 IS 302-2-80: 2017 IEC 60335-1: 2020

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
6.	Household and similar Electrical appliance (Washing machine, Water heater, Ceiling Fan)	Heating (Cl.11)	IS 302-1: 2008 IS 302-2-7: 2010 IS 302-2-21: 2018 IS 302-2-80: 2017 IEC 60335-1: 2020
7.	Household and similar Electrical appliance (Washing machine, Water heater, Ceiling Fan)	Leakage current and Electric Strength at operating temp. (Cl.13)	IS 302-1: 2008 IS 302-2-7: 2010 IS 302-2-21: 2018 IS 302-2-80: 2017 IEC 60335-1: 2020
8.	Household and similar Electrical appliance (Washing machine, Water heater, Ceiling Fan)	Transient Over voltage (Cl.14)	IS 302-1: 2008 IS 302-2-7: 2010 IS 302-2-21: 2018 IS 302-2-80: 2017 IEC 60335-1: 2020
9.	Household and similar Electrical appliance (Washing machine, Water heater, Ceiling Fan)	Moisture Resistance (Cl.15) (upto IP X6 & IP 6X)	IS 302-1: 2008 IS 302-2-7: 2010 IS 302-2-21: 2018 IS 302-2-80: 2017 IEC 60335-1: 2020
10.	Household and similar Electrical appliance (Washing machine, Water heater, Ceiling Fan)	Leakage Current and Electric Strength (Cl.16)	IS 302-1: 2008 IS 302-2-7: 2010 IS 302-2-21: 2018 IS 302-2-80: 2017 IEC 60335-1: 2020

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
11.	Household and similar Electrical appliance (Washing machine, Water heater, Ceiling Fan)	Overload Protection of Transformer and associated circuits (Cl.17)	IS 302-1: 2008 IS 302-2-7: 2010 IS 302-2-21: 2018 IS 302-2-80: 2017 IEC 60335-1: 2020
12.	Household and similar Electrical appliance (Washing machine, Water heater, Ceiling Fan)	Endurance (Cl.18)	IS 302-1: 2008 IS 302-2-7: 2010 IS 302-2-21: 2018 IS 302-2-80: 2017 IEC 60335-1: 2020
13.	Household and similar Electrical appliance (Washing machine, Water heater, Ceiling Fan)	Abnormal Operation (Cl.19)	IS 302-1: 2008 IS 302-2-7: 2010 IS 302-2-21: 2018 IS 302-2-80: 2017 IEC 60335-1: 2020
14.	Household and similar Electrical appliance (Washing machine, Water heater, Ceiling Fan)	Stability and Mechanical Hazard (Cl.20)	IS 302-1: 2008 IS 302-2-7: 2010 IS 302-2-21: 2018 IS 302-2-80: 2017 IEC 60335-1: 2020
15.	Household and similar Electrical appliance (Washing machine, Water heater, Ceiling Fan)	Mechanical Strength (Cl.21)	IS 302-1: 2008 IS 302-2-7: 2010 IS 302-2-21: 2018 IS 302-2-80: 2017 IEC 60335-1: 2020

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
16.	Household and similar Electrical appliance (Washing machine, Water heater, Ceiling Fan)	Construction (Cl.22)	IS 302-1: 2008 IS 302-2-7: 2010 IS 302-2-21: 2018 IS 302-2-80: 2017 IEC 60335-1: 2020
17.	Household and similar Electrical appliance (Washing machine, Water heater, Ceiling Fan)	Internal Wiring (Cl. 23)	IS 302-1: 2008 IS 302-2-7: 2010 IS 302-2-21: 2018 IS 302-2-80: 2017 IEC 60335-1: 2020
18.	Household and similar Electrical appliance (Washing machine, Water heater, Ceiling Fan)	Components (Cl. 24)	IS 302-1: 2008 IS 302-2-7: 2010 IS 302-2-21: 2018 IS 302-2-80: 2017 IEC 60335-1: 2020
19.	Household and similar Electrical appliance (Washing machine, Water heater, Ceiling Fan)	Supply Connection and External Flexible cords (Cl. 25)	IS 302-1: 2008 IS 302-2-7: 2010 IS 302-2-21: 2018 IS 302-2-80: 2017 IEC 60335-1: 2020
20.	Household and similar Electrical appliance (Washing machine, Water heater, Ceiling Fan)	Terminals for External Conductors (Cl. 26)	IS 302-1: 2008 IS 302-2-7: 2010 IS 302-2-21: 2018 IS 302-2-80: 2017 IEC 60335-1: 2020

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
21.	Household and similar Electrical appliance (Washing machine, Water heater, Ceiling Fan)	Provision for Earthing (Cl. 27)	IS 302-1: 2008 IS 302-2-7: 2010 IS 302-2-21: 2018 IS 302-2-80: 2017 IEC 60335-1: 2020
22.	Household and similar Electrical appliance (Washing machine, Water heater, Ceiling Fan)	Screw and Connections (Cl. 28)	IS 302-1: 2008 IS 302-2-7: 2010 IS 302-2-21: 2018 IS 302-2-80: 2017 IEC 60335-1: 2020
23.	Household and similar Electrical appliance (Washing machine, Water heater, Ceiling Fan)	Clearances, creepage distance and Solid Insulation (Cl. 29)	IS 302-1: 2008 IS 302-2-7: 2010 IS 302-2-21: 2018 IS 302-2-80: 2017 IEC 60335-1: 2020
24.	Household and similar Electrical appliance (Washing machine, Water heater, Ceiling Fan)	Resistance to heat and fire (Cl. 30)	IS 302-1: 2008 IS 302-2-7: 2010 IS 302-2-21: 2018 IS 302-2-80: 2017 IEC 60335-1: 2020
25.	Household and similar Electrical appliance (Washing machine, Water heater, Ceiling Fan)	Resistance to rusting (Cl. 31)	IS 302-1: 2008 IS 302-2-7: 2010 IS 302-2-21: 2018 IS 302-2-80: 2017 IEC 60335-1: 2020

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
26.	Safety of Household and Similar appliance Particular Requirements Deep Freezers	Rating Cl.5	IS/IEC 60335-2-89
27.		Classification Cl.6	IS/IEC 60335-2-89
28.		Marking Cl.7	IS/IEC 60335-2-89
29.		Protection Against Access to live parts Cl.8	IS/IEC 60335-2-89
30.		Power Input and Current Cl. 10 Cl.10	IS/IEC 60335-2-89
31.		Temp. Rise Cl.11	IS/IEC 60335-2-89
32.		Operating under overload Cl.12	IS/IEC 60335-2-89
33.		Leakage current and Electric Strength Cl.13	IS/IEC 60335-2-89
34.		Moisture Resistance Cl.15	IS/IEC 60335-2-89
35.		Insulation Resistance and Electric strength Cl.16	IS/IEC 60335-2-89
36.		Overload Protection Cl.17	IS/IEC 60335-2-89
37.		Abnormal Operation Cl.19	IS/IEC 60335-2-89
38.		Stability and mechanical hazards Cl.20	IS/IEC 60335-2-89
39.		Mechanical Strength Cl.21	IS/IEC 60335-2-89
40.		Construction Cl.22	IS/IEC 60335-2-89
41.		Internal Wiring Cl.23	IS/IEC 60335-2-89
42.		Components Cl.24	IS/IEC 60335-2-89
43.		Supply Connection and External cables Cl.25	IS/IEC 60335-2-89

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
44.	Safety of Household and Similar appliance Particular Requirements Vacuum Cleaner	Terminal for external conductors Cl.26	IS/IEC 60335-2-89
45.		Provision for Earthing Cl.27	IS/IEC 60335-2-89
46.		Screws and connection Cl.28	IS/IEC 60335-2-89
47.		Creepage distance, clearance and distance through insulation Cl.29`	IS/IEC 60335-2-89
48.		Resistance to heat fire and tracking Cl.30	IS/IEC 60335-2-89
49.		Resistance to rusting Cl.31	IS/IEC 60335-2-89
50.		Rating Cl.5	IS 302-2-2
51.		Classification Cl.6	IS 302-2-2
52.		Marking Cl.7	IS 302-2-2
53.		Protection Against Access to live parts Cl.8	IS 302-2-2
54.		Power Input and Current Cl. 10 Cl.10	IS 302-2-2
55.		Temp. Rise Cl.11	IS 302-2-2
56.		Leakage current and Electric Strength Cl.13	IS 302-2-2
57.		Moisture Resistance Cl.15	IS 302-2-2
58.		Insulation Resistance and Electric strength Cl.16	IS 302-2-2
59.		Overload Protection Cl.17	IS 302-2-2

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
60.		Abnormal Operation Cl.19	IS 302-2-2
61.		Stability and mechanical hazards Cl.20	IS 302-2-2
62.		Mechanical Strength Cl.21	IS 302-2-2
63.		Construction Cl.22	IS 302-2-2
64.		Internal Wiring Cl.23	IS 302-2-2
65.		Components Cl.24	IS 302-2-2
66.		Supply Connection and External cables Cl.25	IS 302-2-2
67.		Terminal for external conductors Cl.26	IS 302-2-2
68.		Provision for Earthing Cl.27	IS 302-2-2
69.		Screws and connection Cl.28	IS 302-2-2
70.		Creepage distance, clearance and distance through insulation Cl.29`	IS 302-2-2
71.		Resistance to heat fire and tracking Cl.30	IS 302-2-2
72.		Resistance to rusting Cl.31	IS 302-2-2
73.	Safety of Household and Similar appliance Particular Requirements Electric Iron	Rating Cl.5	IS 302-2-3
74.		Classification Cl.6	IS 302-2-3
75.		Marking Cl.7	IS 302-2-3
76.		Protection Against Access to live parts Cl.8	IS 302-2-3

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
77.		Power Input and Current Cl. 10	IS 302-2-3
78.		Temp. Rise Cl.11	IS 302-2-3
79.		Leakage current and Electric Strength Cl.13	IS 302-2-3
80.		Moisture Resistance Cl.15	IS 302-2-3
81.		Insulation Resistance and Electric strength Cl.16	IS 302-2-3
82.		Overload Protection Cl.17	IS 302-2-3
83.		Abnormal Operation Cl.19	IS 302-2-3
84.		Stability and mechanical hazards Cl.20	IS 302-2-3
85.		Mechanical Strength Cl.21	IS 302-2-3
86.		Construction Cl.22	IS 302-2-3
87.		Internal Wiring Cl.23	IS 302-2-3
88.		Components Cl.24	IS 302-2-3
89.		Supply Connection and External cables Cl.25	IS 302-2-3
90.		Terminal for external conductors Cl.26	IS 302-2-3
91.		Provision for Earthing Cl.27	IS 302-2-3
92.		Screws and connection Cl.28	IS 302-2-3
93.		Creepage distance, clearance and distance through insulation Cl.29`	IS 302-2-3

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
94.	Safety of Household and Similar appliance Particular Requirements Spin Extractors	Resistance to heat fire and tracking Cl.30	IS 302-2-3
95.		Resistance to rusting Cl.31	IS 302-2-3
96.		Rating Cl.5	IS 302-2-4
97.		Classification Cl.6	IS 302-2-4
98.		Marking Cl.7	IS 302-2-4
99.		Protection Against Access to live parts Cl.8	IS 302-2-4
100.		Starting of motor Appliances Cl.9	IS 302-2-4
101.		Power Input and Current Cl. 10 Cl.10	IS 302-2-4
102.		Temp. Rise Cl.11	IS 302-2-4
103.		Operating under overload Cl.12	IS 302-2-4
104.		Leakage current and Electric Strength Cl.13	IS 302-2-4
105.		Radio and Television interference suppression/ Transient Voltage Cl.14	IS 302-2-4
106.		Moisture Resistance Cl.15	IS 302-2-4
107.		Insulation Resistance and Electric strength Cl.16	IS 302-2-4
108.		Overload Protection Cl.17	IS 302-2-4
109.		Abnormal Operation Cl.19	IS 302-2-4

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
110.		Stability and mechanical hazards Cl.20	IS 302-2-4
111.		Mechanical Strength Cl.21	IS 302-2-4
112.		Construction Cl.22	IS 302-2-4
113.		Internal Wiring Cl.23	IS 302-2-4
114.		Components Cl.24	IS 302-2-4
115.		Supply Connection and External cables Cl.25	IS 302-2-4
116.		Terminal for external conductors Cl.26	IS 302-2-4
117.		Provision for Earthing Cl.27	IS 302-2-4
118.		Screws and connection Cl.28	IS 302-2-4
119.		Creepage distance, clearance and distance through insulation Cl.29`	IS 302-2-4
120.		Resistance to heat fire and tracking Cl.30	IS 302-2-4
121.		Resistance to rusting Cl.31	IS 302-2-4
122.	Safety of Household and Similar appliance Particular Requirements Electric shavers	Rating Cl.5	IS 302-2-8
123.		Classification Cl.6	IS 302-2-8
124.		Marking Cl.7	IS 302-2-8

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
125.	and clippers	Protection Against Access to live parts Cl.8	IS 302-2-8
126.		Starting of motor Appliances Cl.9	IS 302-2-8
127.		Power Input and Current Cl. 10 Cl.10	IS 302-2-8
128.		Temp. Rise Cl.11	IS 302-2-8
129.		Operating under overload Cl.12	IS 302-2-8
130.		Leakage current and Electric Strength Cl.13	IS 302-2-8
131.		Radio and Television interference suppression/ Transient Voltage Cl.14	IS 302-2-8
132.		Moisture Resistance Cl.15	IS 302-2-8
133.		Insulation Resistance and Electric strength Cl.16	IS 302-2-8
134.		Overload Protection Cl.17	IS 302-2-8
135.		Abnormal Operation Cl.19	IS 302-2-8
136.		Stability and mechanical hazards Cl.20	IS 302-2-8
137.		Mechanical Strength Cl.21	IS 302-2-8
138.		Construction Cl.22	IS 302-2-8

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	Safety Testing Facility		
139.		Internal Wiring Cl.23	IS 302-2-8
140.		Components Cl.24	IS 302-2-8
141.		Supply Connection and External cables Cl.25	IS 302-2-8
142.		Terminal for external conductors Cl.26	IS 302-2-8
143.		Provision for Earthing Cl.27	IS 302-2-8
144.		Screws and connection Cl.28	IS 302-2-8
145.		Creepage distance, clearance and distance through insulation Cl.29`	IS 302-2-8
146.		Resistance to heat fire and tracking Cl.30	IS 302-2-8
147.		Resistance to rusting Cl.31	IS 302-2-8
148.		Rating Cl.5	IS 302-2-9
149.	Safety of Household and Similar appliance Particular Requirements Toasters, Grills	Classification Cl.6	IS 302-2-9
150.		Marking Cl.7	IS 302-2-9
151.		Protection Against Access to live parts Cl.8	IS 302-2-9
152.		Power Input and Current Cl. 10 Cl.10	IS 302-2-9
153.		Temp. Rise Cl.11	IS 302-2-9

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	Safety Testing Facility		
154.		Operating under overload Cl.12	IS 302-2-9
155.		Leakage current and Electric Strength Cl.13	IS 302-2-9
156.		Radio and Television interference suppression/ Transient Voltage Cl.14	IS 302-2-9
157.		Moisture Resistance Cl.15	IS 302-2-9
158.		Insulation Resistance and Electric strength Cl.16	IS 302-2-9
159.		Overload Protection Cl.17	IS 302-2-9
160.		Abnormal Operation Cl.19	IS 302-2-9
161.		Stability and mechanical hazards Cl.20	IS 302-2-9
162.		Mechanical Strength Cl.21	IS 302-2-9
163.		Construction Cl.22	IS 302-2-9
164.		Internal Wiring Cl.23	IS 302-2-9
165.		Components Cl.24	IS 302-2-9
166.		Supply Connection and External cables Cl.25	IS 302-2-9
167.		Terminal for external conductors Cl.26	IS 302-2-9
168.		Provision for Earthing Cl.27	IS 302-2-9
169.		Screws and connection Cl.28	IS 302-2-9

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
170.	Safety of Household and Similar appliance Particular Requirements Electric Kitchen machines	Creepage distance, clearance and distance through insulation Cl.29`	IS 302-2-9
171.		Resistance to heat fire and tracking Cl.30	IS 302-2-9
172.		Resistance to rusting Cl.31	IS 302-2-9
173.		Rating Cl.5	IS 302-2-14
174.		Classification Cl.6	IS 302-2-14
175.		Marking Cl.7	IS 302-2-14
176.		Protection Against Access to live parts Cl.8	IS 302-2-14
177.		Power Input and Current Cl. 10 Cl.10	IS 302-2-14
178.		Temp. Rise Cl.11	IS 302-2-14
179.		Leakage current and Electric Strength Cl.13	IS 302-2-14
180.		Radio and Television interference suppression/ Transient Voltage Cl.14	IS 302-2-14
181.		Moisture Resistance Cl.15	IS 302-2-14
182.		Insulation Resistance and Electric strength Cl.16	IS 302-2-14
183.		Overload Protection Cl.17	IS 302-2-14
184.		Abnormal Operation Cl.19	IS 302-2-14

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
185.		Stability and mechanical hazards Cl.20	IS 302-2-14
186.		Mechanical Strength Cl.21	IS 302-2-14
187.		Construction Cl.22	IS 302-2-14
188.		Internal Wiring Cl.23	IS 302-2-14
189.		Components Cl.24	IS 302-2-14
190.		Supply Connection and External cables Cl.25	IS 302-2-14
191.		Terminal for external conductors Cl.26	IS 302-2-14
192.		Provision for Earthing Cl.27	IS 302-2-14
193.		Screws and connection Cl.28	IS 302-2-14
194.		Creepage distance, clearance and distance through insulation Cl.29`	IS 302-2-14
195.		Resistance to heat fire and tracking Cl.30	IS 302-2-14
196.		Resistance to rusting Cl.31	IS 302-2-14
197.	Safety of Household and Similar appliance Particular Requirements Appliance for heating Liquids	Rating Cl.5	IS 302-2-15
198.		Classification Cl.6	IS 302-2-15
199.		Marking Cl.7	IS 302-2-15
200.		Protection Against Access to live parts Cl.8	IS 302-2-15

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
201.		Power Input and Current Cl. 10 Cl.10	IS 302-2-15
202.		Temp. Rise Cl.11	IS 302-2-15
203.		Leakage current and Electric Strength Cl.13	IS 302-2-15
204.		Radio and Television interference suppression/ Transient Voltage Cl.14	IS 302-2-15
205.		Moisture Resistance Cl.15	IS 302-2-15
206.		Insulation Resistance and Electric strength Cl.16	IS 302-2-15
207.		Overload Protection Cl.17	IS 302-2-15
208.		Abnormal Operation Cl.19	IS 302-2-15
209.		Stability and mechanical hazards Cl.20	IS 302-2-15
210.		Mechanical Strength Cl.21	IS 302-2-15
211.		Construction Cl.22	IS 302-2-15
212.		Internal Wiring Cl.23	IS 302-2-15
213.		Components Cl.24	IS 302-2-15
214.		Supply Connection and External cables Cl.25	IS 302-2-15
215.		Terminal for external conductors Cl.26	IS 302-2-15
216.		Provision for Earthing Cl.27	IS 302-2-15

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
217.		Screws and connection Cl.28	IS 302-2-15
218.		Creepage distance, clearance and distance through insulation Cl.29	IS 302-2-15
219.		Resistance to heat fire and tracking Cl.30	IS 302-2-15
220.		Resistance to rusting Cl.31	IS 302-2-15
221.	Safety of Household and Similar appliance Particular Requirements Refrigerators, Food Freezers and Ice-Makers	Rating Cl.5	IS 303-2-23
222.		Classification Cl.6	IS 303-2-23
223.		Marking Cl.7	IS 303-2-23
224.		Protection Against Access to live parts Cl.8	IS 303-2-23
225.		Power Input and Current Cl. 10 Cl.10	IS 303-2-23
226.		Temp. Rise Cl.11	IS 303-2-23
227.		Leakage current and Electric Strength Cl.13	IS 303-2-23
228.		Radio and Television interference suppression/ Transient Voltage Cl.14	IS 303-2-23
229.		Moisture Resistance Cl.15	IS 303-2-23
230.		Insulation Resistance and Electric strength Cl.16	IS 303-2-23
231.		Overload Protection Cl.17	IS 303-2-23

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
232.		Abnormal Operation Cl.19	IS 303-2-23
233.		Stability and mechanical hazards Cl.20	IS 303-2-23
234.		Mechanical Strength Cl.21	IS 303-2-23
235.		Construction Cl.22	IS 303-2-23
236.		Internal Wiring Cl.23	IS 303-2-23
237.		Components Cl.24	IS 303-2-23
238.		Supply Connection and External cables Cl.25	IS 303-2-23
239.		Terminal for external conductors Cl.26	IS 303-2-23
240.		Provision for Earthing Cl.27	IS 303-2-23
241.		Screws and connection Cl.28	IS 303-2-23
242.		Creepage distance, clearance and distance through insulation Cl.29	IS 303-2-23
243.		Resistance to heat fire and tracking Cl.30	IS 303-2-23
244.		Resistance to rusting Cl.31	IS 303-2-23
245.	Safety of Household and Similar appliance Particular Requirements Appliances for Skin and Hair Care	Rating Cl.5	IS 302-2-24
246.		Classification Cl.6	IS 302-2-24
247.		Marking Cl.7	IS 302-2-24
248.		Protection Against Access to live parts Cl.8	IS 302-2-24

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
249.		Starting of motor Appliances Cl.9	IS 302-2-24
250.		Power Input and Current Cl. 10 Cl.10	IS 302-2-24
251.		Temp. Rise Cl.11	IS 302-2-24
252.		Operating under overload Cl.12	IS 302-2-24
253.		Leakage current and Electric Strength Cl.13	IS 302-2-24
254.		Radio and Television interference suppression/ Transient Voltage Cl.14	IS 302-2-24
255.		Moisture Resistance Cl.15	IS 302-2-24
256.		Insulation Resistance and Electric strength Cl.16	IS 302-2-24
257.		Overload Protection Cl.17	IS 302-2-24
258.		Endurance Cl.18	IS 302-2-24
259.		Abnormal Operation Cl.19	IS 302-2-24
260.		Stability and mechanical hazards Cl.20	IS 302-2-24
261.		Mechanical Strength Cl.21	IS 302-2-24
262.		Construction Cl.22	IS 302-2-24
263.		Internal Wiring Cl.23	IS 302-2-24
264.		Components Cl.24	IS 302-2-24
265.		Supply Connection and External cables Cl.25	IS 302-2-24

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
266.		Terminal for external conductors Cl.26	IS 302-2-24
267.		Provision for Earthing Cl.27	IS 302-2-24
268.		Screws and connection Cl.28	IS 302-2-24
269.		Creepage distance, clearance and distance through insulation	IS 302-2-24
270.		Resistance to heat fire and tracking Cl.30	IS 302-2-24
271.		Resistance to rusting Cl.31	IS 302-2-24
272.		Rating Cl.5	IS 302-2-30
273.	Safety of Household and Similar appliance Particular Requirements Room Heaters	Classification Cl.6	IS 302-2-30
274.		Marking Cl.7	IS 302-2-30
275.		Protection Against Access to live parts Cl.8	IS 302-2-30
276.		Power Input and Current Cl. 10 Cl.10	IS 302-2-30
277.		Temp. Rise Cl.11	IS 302-2-30
278.		Leakage current and Electric Strength Cl.13	IS 302-2-30
279.		Radio and Television interference suppression/ Transient Voltage Cl.14	IS 302-2-30
280.		Moisture Resistance Cl.15	IS 302-2-30

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
281.		Insulation Resistance and Electric strength Cl.16	IS 302-2-30
282.		Overload Protection Cl.17	IS 302-2-30
283.		Abnormal Operation Cl.19	IS 302-2-30
284.		Stability and mechanical hazards Cl.20	IS 302-2-30
285.		Mechanical Strength Cl.21	IS 302-2-30
286.		Construction Cl.22	IS 302-2-30
287.		Internal Wiring Cl.23	IS 302-2-30
288.		Components Cl.24	IS 302-2-30
289.		Supply Connection and External cables Cl.25	IS 302-2-30
290.		Terminal for external conductors Cl.26	IS 302-2-30
291.		Provision for Earthing Cl.27	IS 302-2-30
292.		Screws and connection Cl.28	IS 302-2-30
293.		Creepage distance, clearance and distance through insulation Cl.29	IS 302-2-30
294.		Resistance to heat fire and tracking Cl.30	IS 302-2-30
295.		Resistance to rusting Cl.31	IS 302-2-30
296.	Safety of Household and	Rating Cl.5	IS 302-2-32
297.	Similar appliance Particular	Classification Cl.6	IS 302-2-32

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
298.	Requirements Massage Appliance	Marking Cl.7	IS 302-2-32
299.		Protection Against Access to live parts Cl.8	IS 302-2-32
300.		Starting of motor Appliances Cl.9	IS 302-2-32
301.		Power Input and Current Cl. 10 Cl.10	IS 302-2-32
302.		Temp. Rise Cl.11	IS 302-2-32
303.		Operating under overload Cl.12	IS 302-2-32
304.		Leakage current and Electric Strength Cl.13	IS 302-2-32
305.		Radio and Television interference suppression/ Transient Voltage Cl.14	IS 302-2-32
306.		Moisture Resistance Cl.15	IS 302-2-32
307.		Insulation Resistance and Electric strength Cl.16	IS 302-2-32
308.		Overload Protection Cl.17	IS 302-2-32
309.		Abnormal Operation Cl.19	IS 302-2-32
310.		Stability and mechanical hazards Cl.20	IS 302-2-32
311.		Mechanical Strength Cl.21	IS 302-2-32
312.		Construction Cl.22	IS 302-2-32
313.		Internal Wiring Cl.23	IS 302-2-32
314.		Components Cl.24	IS 302-2-32

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
315.		Supply Connection and External cables Cl.25	IS 302-2-32
316.		Terminal for external conductors Cl.26	IS 302-2-32
317.		Provision for Earthing Cl.27	IS 302-2-32
318.		Screws and connection Cl.28	IS 302-2-32
319.		Creepage distance, clearance and distance through insulation Cl.29	IS 302-2-32
320.		Resistance to heat fire and tracking Cl.30	IS 302-2-32
321.		Resistance to rusting Cl.31	IS 302-2-32
322.		Rating Cl.5	IS 302-2-35
323.		Classification Cl.6	IS 302-2-35
324.		Marking Cl.7	IS 302-2-35
325.	Safety of Household and Similar appliance Particular Requirements Electric Instantaneous Water Heaters	Protection Against Access to live parts Cl.8	IS 302-2-35
326.		Power Input and Current Cl. 10 Cl.10	IS 302-2-35
327.		Temp. Rise Cl.11	IS 302-2-35
328.		Operating under overload Cl.12	IS 302-2-35
329.		Leakage current and Electric Strength Cl.13	IS 302-2-35

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
330.		Radio and Television interference suppression/ Transient Voltage Cl.14	IS 302-2-35
331.		Moisture Resistance Cl.15	IS 302-2-35
332.		Insulation Resistance and Electric strength Cl.16	IS 302-2-35
333.		Overload Protection Cl.17	IS 302-2-35
334.		Abnormal Operation Cl.19	IS 302-2-35
335.		Stability and mechanical hazards Cl.20	IS 302-2-35
336.		Mechanical Strength Cl.21	IS 302-2-35
337.		Construction Cl.22	IS 302-2-35
338.		Internal Wiring Cl.23	IS 302-2-35
339.		Components Cl.24	IS 302-2-35
340.		Supply Connection and External cables Cl.25	IS 302-2-35
341.		Terminal for external conductors Cl.26	IS 302-2-35
342.		Provision for Earthing Cl.27	IS 302-2-35
343.		Screws and connection Cl.28	IS 302-2-35
344.		Creepage distance, clearance and distance through insulation Cl.29	IS 302-2-35



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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
345.	Safety of Household and Similar appliance Particular Requirements Electric Immersion water heater	Resistance to heat fire and tracking Cl.30	IS 302-2-35
346.		Resistance to rusting Cl.31	IS 302-2-35
347.		Rating Cl.5	IS 302-2-201
348.		Classification Cl.6	IS 302-2-201
349.		Marking Cl.7	IS 302-2-201
350.		Protection Against Access to live parts Cl.8	IS 302-2-201
351.		Power Input and Current Cl. 10	IS 302-2-201
352.		Temp. Rise Cl.11	IS 302-2-201
353.		Operating under overload Cl.12	IS 302-2-201
354.		Leakage current and Electric Strength Cl.13	IS 302-2-201
355.		Radio and Television	IS 302-2-201
356.		Moisture Resistance Cl.15	IS 302-2-201
357.		Insulation Resistance and	IS 302-2-201
358.		Overload Protection Cl.17	IS 302-2-201
359.		Abnormal Operation Cl.19	IS 302-2-201
360.		Stability and mechanical hazards Cl.20	IS 302-2-201
361.		Mechanical Strength Cl.21	IS 302-2-201
362.		Construction Cl.22	IS 302-2-201
363.		Internal Wiring Cl.23	IS 302-2-201
364.		Components Cl.24	IS 302-2-201

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
365.		Supply Connection and External cables Cl.25	IS 302-2-201
366.		Terminal for external conductors Cl.26	IS 302-2-201
367.		Provision for Earthing Cl.27	IS 302-2-201
368.		Screws and connection Cl.28	IS 302-2-201
369.		Creepage distance, clearance and distance through insulation Cl.29	IS 302-2-201
370.		Resistance to heat fire and tracking Cl.30	IS 302-2-201
371.		Resistance to rusting Cl.31	IS 302-2-201
372.		Rating Cl.5	IS 302-2-206
373.		Classification Cl.6	IS 302-2-206
374.		Marking Cl.7	IS 302-2-206
375.	Safety of Household and Similar appliance Particular Requirements Electric Coffee Makers	Protection Against Access to live parts Cl.8	IS 302-2-206
376.		Starting of motor Appliances Cl.9	IS 302-2-206
377.		Power Input and Current Cl. 10 Cl.10	IS 302-2-206
378.		Temp. Rise Cl.11	IS 302-2-206
379.		Operating under overload Cl.12	IS 302-2-206
380.		Leakage current and Electric Strength Cl.13	IS 302-2-206

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
381.		Radio and Television interference suppression/ Transient Voltage Cl.14	IS 302-2-206
382.		Moisture Resistance Cl.15	IS 302-2-206
383.		Insulation Resistance and Electric strength Cl.16	IS 302-2-206
384.		Overload Protection Cl.17	IS 302-2-206
385.		Abnormal Operation Cl.19	IS 302-2-206
386.		Stability and mechanical hazards Cl.20	IS 302-2-206
387.		Mechanical Strength Cl.21	IS 302-2-206
388.		Construction Cl.22	IS 302-2-206
389.		Internal Wiring Cl.23	IS 302-2-206
390.		Components Cl.24	IS 302-2-206
391.		Supply Connection and External cables Cl.25	IS 302-2-206
392.		Terminal for external conductors Cl.26	IS 302-2-206
393.		Provision for Earthing Cl.27	IS 302-2-206
394.		Screws and connection Cl.28	IS 302-2-206
395.		Creepage distance, clearance and distance through insulation Cl.29	IS 302-2-206



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Electrical Testing			
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	Safety Testing Facility		
396.		Resistance to heat fire and tracking Cl.30	IS 302-2-206
397.		Resistance to rusting Cl.31	IS 302-2-206



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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
1.	Electric Ceiling Type Fans	Marking Clause 8	IS 374: 2019 & Schedule 8
2.		Safety Requirements Clause 9	IS 374: 2019 & Schedule 8
3.		Speed Regulators Clause 10	IS 374: 2019 & Schedule 8
4.		Starting Clause 11	IS 374: 2019 & Schedule 8
5.		Interchangeability Clause 12	IS 374: 2019 & Schedule 8
6.		Silent operations Clause 13	IS 374: 2019 & Schedule 8
7.		Performance Measurement Cl. 14	IS 374: 2019 & Schedule 8
8.		Air Performance Test Clause 14.3	IS 374: 2019 & Schedule 8
9.		Performance Requirements Clause 15	IS 374: 2019 & Schedule 8
10.		Endurance Clause 16	IS 374: 2019 & Schedule 8
11.		Test for Harmonic Distortion Clause 17	IS 374: 2019 & Schedule 8
12.	LED Display/TV	Luminance Cl.6.5, Cl.5.1.7, Cl.5, Cl.4	IEC 62087-1 IEC 62087-3 BEE Schedule 11 & 26
13.		Measurement of On mode power Consumption Cl.6.4, Cl.5 & Cl.4	IEC 62087-1 IEC 62087-3 BEE Schedule 11 & 26

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
14.		Standby mode power Consumption Cl.5.3, Cl.5 & Cl.4	IEC 62301 BEE Schedule 11 & 26
15.		Measurement of Power Consumption in OFF mode Cl.6.7, Cl.5. & Cl.4	IEC 62087-3 BEE Schedule 11 & 26
16.		Measurement of power Consumption in partial ON mode Cl.6.6, Cl.5 & Cl.4	IEC 62087-3 BEE Schedule 11 & 26
17.	Deep Freezers	Construction Cl.4	IS 7872:2020 Schedule 25 of BEE
18.		Strength Pressure test for components Cl.5.4	IS 7872:2020 Schedule 25 of BEE
19.		Sound Pressure Level Cl.7	IS 7872:2020 Schedule 25 of BEE
20.		Measurement of freezer storage capacity Cl.8	IS 7872:2020 Schedule 25 of BEE
21.		No-Load Pull-down test Cl.11.1	IS 7872:2020 Schedule 25 of BEE
22.		Energy Consumption test Cl.11.2	IS 7872:2020 Schedule 25 of BEE
23.		Temp Rise test Cl.11.3	IS 7872:2020 Schedule 25 of BEE
24.		Door Seal test Cl.11.4	IS 7872:2020 Schedule 25 of BEE
25.		Mechanical Strength Cl.11.5	IS 7872:2020 Schedule 25 of BEE
26.		Thermal Insulation test Cl.11.6	IS 7872:2020 Schedule 25 of BEE

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
27.		Pressure Test Cl.11.7	IS 7872:2020 Schedule 25 of BEE
28.		Marking Cl.5	IS 17550-1: 2021 IS 17550-2: 2021 IS 17550-3: 2021 Schedule 1 of BEE Schedule 5 of BEE Schedule 31 of BEE
29.	Household Refrigerating Appliances - Refrigerators	Materials, Design and manufacture Cl.8	IS 17550-1: 2021 IS 17550-2: 2021 IS 17550-3: 2021 Schedule 1 of BEE Schedule 5 of BEE Schedule 31 of BEE
30.		Air Tightness of door or Lid seals Cl.9	IS 17550-1: 2021 IS 17550-2: 2021 IS 17550-3: 2021 Schedule 1 of BEE Schedule 5 of BEE Schedule 31 of BEE

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
31.		Opening Force of Doors or lids Cl.10	IS 17550-1: 2021 IS 17550-2: 2021 IS 17550-3: 2021 Schedule 1 of BEE Schedule 5 of BEE Schedule 31 of BEE
32.		Durability of Hinges and Handles of door and lids Cl.11	IS 17550-1: 2021 IS 17550-2: 2021 IS 17550-3: 2021 Schedule 1 of BEE Schedule 5 of BEE Schedule 31 of BEE
33.		Mechanical Strength Cl.12	IS 17550-1: 2021 IS 17550-2: 2021 IS 17550-3: 2021 Schedule 1 of BEE Schedule 5 of BEE Schedule 31 of BEE
34.		Water Vapour Condensation Test Cl.13 & Annex-D	IS 17550-1: 2021 IS 17550-2: 2021 IS 17550-3: 2021 Schedule 1 of BEE Schedule 5 of BEE Schedule 31 of BEE

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
35.		Ice Making test Cl.14 & Cl.9	IS 17550-1: 2021 IS 17550-2: 2021 IS 17550-3: 2021 Schedule 1 of BEE Schedule 5 of BEE Schedule 31 of BEE
36.		Test for Absence of odour and taste Cl.15	IS 17550-1: 2021 IS 17550-2: 2021 IS 17550-3: 2021 Schedule 1 of BEE Schedule 5 of BEE Schedule 31 of BEE
37.		Safety Requirements Cl.16	IS 17550-1: 2021 IS 17550-2: 2021 IS 17550-3: 2021 Schedule 1 of BEE Schedule 5 of BEE Schedule 31 of BEE
38.		Packing Cl.17	IS 17550-1: 2021 IS 17550-2: 2021 IS 17550-3: 2021 Schedule 1 of BEE Schedule 5 of BEE Schedule 31 of BEE

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
39.		Designation Cl.18	IS 17550-1: 2021 IS 17550-2: 2021 IS 17550-3: 2021 Schedule 1 of BEE Schedule 5 of BEE Schedule 31 of BEE
40.		Instruction for use and maintenance Cl.19	IS 17550-1: 2021 IS 17550-2: 2021 IS 17550-3: 2021 Schedule 1 of BEE Schedule 5 of BEE Schedule 31 of BEE
41.		Storage Test & Wine Storage appliances and compartments Cl.6 & Annex-B	IS 17550-1: 2021 IS 17550-2: 2021 IS 17550-3: 2021 Schedule 1 of BEE Schedule 5 of BEE Schedule 31 of BEE
42.		Cooling Capacity test Cl.7	IS 17550-1: 2021 IS 17550-2: 2021 IS 17550-3: 2021 Schedule 1 of BEE Schedule 5 of BEE Schedule 31 of BEE

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
43.		Freezing Capacity test Cl.8	IS 17550-1: 2021 IS 17550-2: 2021 IS 17550-3: 2021 Schedule 1 of BEE Schedule 5 of BEE Schedule 31 of BEE
44.		Pull-Down Test Annex-A	IS 17550-1: 2021 IS 17550-2: 2021 IS 17550-3: 2021 Schedule 1 of BEE Schedule 5 of BEE Schedule 31 of BEE
45.		Temp Rise Test Annex-C	IS 17550-1: 2021 IS 17550-2: 2021 IS 17550-3: 2021 Schedule 1 of BEE Schedule 5 of BEE Schedule 31 of BEE
46.		Determination of Energy Consumption Cl.6	IS 17550-1: 2021 IS 17550-2: 2021 IS 17550-3: 2021 Schedule 1 of BEE Schedule 5 of BEE Schedule 31 of BEE

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
47.		Determination of Steady state power and Temp. Annex-B	IS 17550-1: 2021 IS 17550-2: 2021 IS 17550-3: 2021 Schedule 1 of BEE Schedule 5 of BEE Schedule 31 of BEE
48.		Defrost and Recovery Energy and Temp. Change Annex-C	IS 17550-1: 2021 IS 17550-2: 2021 IS 17550-3: 2021 Schedule 1 of BEE Schedule 5 of BEE Schedule 31 of BEE
49.		Defrost Interval Annex-D	IS 17550-1: 2021 IS 17550-2: 2021 IS 17550-3: 2021 Schedule 1 of BEE Schedule 5 of BEE Schedule 31 of BEE
50.		Interpolation of Results Annex-E	IS 17550-1: 2021 IS 17550-2: 2021 IS 17550-3: 2021 Schedule 1 of BEE Schedule 5 of BEE Schedule 31 of BEE

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
51.		Energy consumption of specified Auxiliaries Annex-F	IS 17550-1: 2021 IS 17550-2: 2021 IS 17550-3: 2021 Schedule 1 of BEE Schedule 5 of BEE Schedule 31 of BEE
52.		Determination of Load Processing Efficiency Annex-G	IS 17550-1: 2021 IS 17550-2: 2021 IS 17550-3: 2021 Schedule 1 of BEE Schedule 5 of BEE Schedule 31 of BEE
53.		Determination of Volume Annex-H	IS 17550-1: 2021 IS 17550-2: 2021 IS 17550-3: 2021 Schedule 1 of BEE Schedule 5 of BEE Schedule 31 of BEE
54.	Specifications for Commercial Refrigerators	Cabinet & Dimensions Cl.3	IS 1474: 1959
55.		Computation of Volume	IS 1474: 1959
56.		Construction Cl.4	IS 1474: 1959
57.		Refrigerating system Cl.5	IS 1474: 1959
58.		Electrical Equipment Cl.6	IS 1474: 1959
59.		Tests Cl.7.5.1 to Cl.7.5.6	IS 1474: 1959

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
60.	Specifications for Bottle Coolers	Construction Cl.3	IS 2167:2004 ISO 22044: 2021 BEE Schedule 37
61.		Measurement of Bottle Cooler Storage Capacity Cl.4	IS 2167:2004 ISO 22044: 2021 BEE Schedule 37
62.		Thermal Insulation test, Insulation resistance test, High Voltage test, No Load performance test, Percentage running time test, Capacity Rating, Maximum Operating Condition Test Cl.5	IS 2167:2004 ISO 22044: 2021 BEE Schedule 37
63.		Marking and Information Cl.7	IS 2167:2004 ISO 22044: 2021 BEE Schedule 37



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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Energy Efficiency of Domestic Electrical Appliances		
1.	Stationary Storage type Electric Water heater	General Condition for Measurement	IS 2082: 2018 Schedule 10 of BEE
2.	Stationary Storage type Electric Water heater	Mounting of Water Heater	IS 2082: 2018 Schedule 10 of BEE
3.	Stationary Storage type Electric Water heater	Measurement of Stored Water Temperature (Cl. 11)	IS 2082: 2018 Schedule 10 of BEE
4.	Stationary Storage type Electric Water heater	Thermostat Setting (Cl.12)	IS 2082: 2018 Schedule 10 of BEE
5.	Stationary Storage type Electric Water heater	Measurement of Energy Consumption (Cl.13)	IS 2082: 2018 Schedule 10 of BEE
6.	Stationary Storage type Electric Water heater	Verification of Rated Capacity (Cl.14)	IS 2082: 2018 Schedule 10 of BEE
7.	Stationary Storage type Electric Water heater	Standing Loss per 24Hrs (Cl.15)	IS 2082: 2018 Schedule 10 of BEE
8.	Stationary Storage type Electric Water heater	Hot Water Output (Cl.16)	IS 2082: 2018 Schedule 10 of BEE
9.	Stationary Storage type Electric Water heater	Reheating Time (Cl.17)	IS 2082: 2018 Schedule 10 of BEE
10.	Stationary Storage type Electric Water heater	Mixing Factor (Cl.18)	IS 2082: 2018 Schedule 10 of BEE
11.	Stationary Storage type Electric Water heater	Deviation from Dial Calibration (Cl.19)	IS 2082: 2018 Schedule 10 of BEE

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Energy Efficiency of Domestic Electrical Appliances		
12.	Stationary Storage type Electric Water heater	Cyclic Temp Variation (Cl.20)	IS 2082: 2018 Schedule 10 of BEE
13.	Stationary Storage type Electric Water heater	Finish (Cl.21)	IS 2082: 2018 Schedule 10 of BEE
14.	Domestic Clothes Electric Washing Machine	Washing Performance (Cl. 8.3)	IEC 60456: 2010 +AMD1: 2022 Schedule 12 of BEE
15.	Domestic Clothes Electric Washing Machine	Rinsing Efficiency/ Performance (Cl. 8.5)	IEC 60456: 2010 +AMD1: 2022 Schedule 12 of BEE
16.	Domestic Clothes Electric Washing Machine	Water Extracting Efficiency/ Performance (Cl. 8.4)	IEC 60456: 2010 +AMD1: 2022 Schedule 12 of BEE
17.	Domestic Clothes Electric Washing Machine	Determination of Water and Energy consumption (Cl. 8.6)	IEC 60456: 2010 +AMD1: 2022 Schedule 12 of BEE
18.	Domestic Clothes Electric Washing Machine	Finish	IEC 60456: 2010 +AMD1: 2022 Schedule 12 of BEE



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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Environment Test Facility		
1.	General Electrical and Electronic Products	Free fall	IS 9000 (Part7: Sec 4): 1979
2.		Free Fall, Repeated (tumbling barrel)	IS 9000 (Part7:Sec5): 1979
3.		Glow wire test	IEC 60695-2-10:2021, IS 11000-21:2018
4.		Total harmonic distortion	IEC 61000-3-2:2018
5.		Hammer Test	IS 9000(Part7/Sec7), IEC 60068-275:2014
6.		Marking	Cl.4.4 of IEC 62262, IEC 60068-275:2014
7.		Hammer Test	IEC 600682-75:2014



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Electronics Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	EMI/EMC Test Facility		
1.	Data Transmission equipment operating in 2.4GHz ISM band	Occupied channel Bandwidth	ETSI EN 300 328
2.		Power Spectral density (Conductive) Cl. No 4.3.2.3 & 5.4.3	ETSI EN 300 328
3.		Transmitter unwanted emission in OOB domain Cl. No. 4.3.1.9, 4.3.2.8 & 5.4.8.2.1	ETSI EN 300 328
4.		Transmitter unwanted emission in spurious domain Cl. No. 4.3.1.10 & 4.3.2.9 & 5.4.9.2.1	ETSI EN 300 328
5.		RF Output Power (Conductive only) Cl. No. 4.3.1.2, 4.3.2.2 & 5.4.2	ETSI EN 300 328
6.	Radio equipment in the frequency range 9 kHz to 25 MHz and inductive loop systems	Modulation bandwidth Clause 4.3.3	ETSI EN 300 330
7.	in the frequency range 9 kHz to 30 MHz (NFC)	Operating frequency ranges Clause 4.3.2 & 6.2.3	ETSI EN 300 330
8.	Short range devices (SRD) operating in the frequency range 25 MHz to 1000 MHz	Adjacent channel power Clause 5.11	ETSI EN 300 220-1: 2017 ETSI EN 300 220-2: 2018
9.		Maximum E.R.P spectral density Clause 5.3	ETSI EN 300 220-1: 2017 ETSI EN 300 220-2: 2018

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Electronics Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	EMI/EMC Test Facility		
10.	Short range devices (SRD) operating in the frequency range 25 MHz to 1000 MHz	Occupied bandwidth (Conducted measurement) Clause 5.6	ETSI EN 300 220-1: 2017 ETSI EN 300 220-2: 2018
11.		Operating frequency Clause 5.1	ETSI EN 300 220-1: 2017 ETSI EN 300 220-2: 2018
12.		Transient power Clause 5.10	ETSI EN 300 220-1: 2017 ETSI EN 300 220-2: 2018
13.		TX behaviour under Low Voltage Conditions Clause 5.12	ETSI EN 300 220-1: 2017 ETSI EN 300 220-2: 2018
14.		Adjacent channel power Clause 4.3.7	ETSI EN 300 220-1: 2017 ETSI EN 300 220-2: 2018
15.		TX behavior under low voltage conditions Clause 4.3.8	ETSI EN 300 220-1: 2017 ETSI EN 300 220-2: 2018
16.		Maximum E.R.P spectral density Clause 4.3.2	ETSI EN 300 220-1: 2017 ETSI EN 300 220-2: 2018
17.		Occupied bandwidth Clause 4.3.4	ETSI EN 300 220-1: 2017 ETSI EN 300 220-2: 2018
18.		Operating frequency Clause 4.2.1	ETSI EN 300 220-1: 2017 ETSI EN 300 220-2: 2018
19.		Transient Power Clause 4.3.6	ETSI EN 300 220-1: 2017 ETSI EN 300 220-2: 2018



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Electronics Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	EMI/EMC Test Facility		
20.	Data Transmission equipment operating in 5GHz ISM band	Nominal and Occupied Channel Bandwidth (Conducted) Cl. 5.4.3.2	ETSI 301 893
21.		RF output power, transmit power control and Power Density (Conducted Only) Cl.5.4.4.2	ETSI 301 893
22.		Transmitter unwanted Emissions (Conducted) Cl.5.4.6.2	ETSI 301 893
23.		Spurious Emissions (Conducted) Cl.5.4.5.2	ETSI 301 893



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Electronics Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	IT Equipment		
1.	AC to DC, DC to DC external Power adaptor	Energy Efficiency	IEC 62301
2.	Desktop Computer, Notebook Computer	Power Measurement -Off Mode -Sleep Mode -Idle State	IEC 62301
3.	Laptop desktop Computer / Notebook computer external Power Adapter Battery Charger, Audio Equipment Combination Unit (TV and DVD, VCR and DVD) office equipment (Printers, Scanners, Copiers, Fax Machines and Multifunction Devices)	Standby mode power consumption Cl.5, Cl.4 & Cl.5	BEE Schedule 11 & 14 & 16 IEC 62301

Note: Following scope of accreditation is extended w.e.f. 03 October 2024:

Electrical- Safety Test Facility (Page no. 6-29); Domestic Electrical Appliances (Page no. 30-39); Environmental test facility (Page no. 42)

Electronics- EMI/EMC Test Facility (Page no. 43-45); IT Equipment (Page no. 46)

