

Quality And Accreditation Institute

Centre for International Accreditation

(formerly Centre for Laboratory Accreditation)



Certificate of Accreditation

Classic Testing & Research Centre

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

has been assessed and accredited in accordance with the Standard
ISO/IEC 17025:2017

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

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



QAI/CIA/TL/2024/0047

Valid from: 08 March 2024

Valid until: 07 March 2026

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 Amended w.e.f.: 12 November 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
	Domestic Electrical Appliances		
1.	Deep freezers	Construction	Cl.4 of IS 7872: 2020+A1
2.		Door seal test	Cl.11.4 of IS 7872: 2020+A1
3.		Energy consumption test	Cl.11.2 of IS 7872: 2020+A1
4.		Marking & instructions	Cl.13 of IS 7872: 2020+A1
5.		Measurement of freezer storage capacity	Cl.8 of IS 7872: 2020+A1
6.		Mechanical strength of the shelves & similar components	Cl.11.5 of IS 7872: 2020+A1
7.		No-load pull-down test	Cl.11.1 of IS 7872: 2020+A1
8.		Pressure test	Cl.11.7 of IS 7872: 2020+A1
9.		Safety requirements	Cl. 6 of IS 7872: 2020+A1
10.		Sound Pressure Level	Cl. 7 of IS 7872: 2020+A1
11.		Temperature rise test	Cl.11.3 of IS 7872: 2020+A1
12.		Thermal Insulation test (external condensation test)	Cl.11.6 of IS 7872: 2020+A1
13.	Domestic electric clothes washing machines	Endurance	Cl. 18 of IS 302-2-7:2010 RAF: 2019
14.	Domestic electric clothes washing machines for household use	Energy consumption	IEC 60456 Cl.8.6, Cl.9.5.4 BEE Schedule 12-WM: 2010+A1

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	Domestic Electrical Appliances		
15.		Power consumption in off mode and left on mode	IEC 60456 Cl.9.5.4, Annex L: 2010+A1
16.		Shrinkage during the wool wash programme	IEC 60456 Cl.10: 2010+A1
17.		Water consumption	IEC 60456 Cl.8.6, Cl.9.5.2 BEE Schedule 12-WM: 2010+A1
18.		Determination of rinsing performance	IEC 60456 Cl.8.5, Cl.9.4 BEE Schedule 12-WM: 2010+A1
19.		Determination of water and energy consumption (Water consumption)	BEE Schedule 12, and Cl. 9.5 of IEC 60456: 2010+A1
20.		Programme time	IEC 60456 Cl.8.6, Cl.9.5.3: 2010+A1
21.		Ashing performance	IEC 60456 Cl.8.3, Cl.9.2 BEE Schedule 12-WM: 2010+A1
22.		Water extraction performance	IEC 60456 Cl.8.4, Cl.9.3 BEE Schedule 12-WM: 2010+A1
23.	Electric Iron	Measurement of sole plate temperature	Cl. 11, IS 366: 1991+A1 to A6
24.		Finish	Cl. 17, IS 366: 1991+A1 to A6
25.		Measurement of cyclic fluctuation of temperature	Cl. 14, IS 366: 1991+A1 to A6

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

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
40.		Speed and Power Factor (Speed)	Cl. 14.4, IS 374:2019 AMD 1: 2022
41.		Speed Regulators	Cl. 10, IS 374:2019 AMD 1: 2019
42.		Starting	Cl. 11, IS 374:2019 AMD 1: 2022
43.		Test for Harmonic Distortion	Cl. 17, IS 374:2019 AMD 1: 2022
44.	Electric iron & steam iron, electric immersion water heater, electric radiator/ room heaters, stationary storage type electric water heater,	Provision for earthing	Cl 27 of IS 302-1:2008+ A1+ A2+ A3+A4, IS 302-2 and IEC:60335-2, IEC 60335-1: 2020
45.	electric stoves, mineral filed sheathed heating elements, electric instantaneous water heater, frying pans, deep fat fryers and similar appliances, electric kitchen machines, domestic electric food mixers, electric toasters, grills,	Protection against electric shock	Cl 8 of IS 302-1:2008+A1+A2 +A3+A4, IS 302- 2 and IEC:60335-2 & IEC 60335-1: 2020
46.	roasters and similar appliances, cooking ranges hobs, ovens and similar appliances, domestic electric clothes washing machine, mains operated electric hair dryers, electric coffee Machines, Electrical Shavers, Hair Clipper and Similar Appliances,	Abnormal operation	Cl 19 of IS 302-1:2008+A1+ A2+A3+A4, IS 302-2 and IEC:60335-1: 2020 & IEC 60335-2, Cl.9 of IEC 62115: 2017
47.		Classification	Cl 6 of IS 302-1:2008+A1+A2 +A3+A4, 302-2
48.		Creepage, clearances distance and solid insulation / Clearances and Creepage distances	Cl 29 of IS 302-1:2008+A1+ A2+A3+A4, IS 302-2 and IEC:60335-1:2020 & IEC 60335-2, Cl.17 of IEC 62115: 2017

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
49.	Other appliances, Frying pans, Deep Fat Fryers and similar appliances	Finish	CI 33 of IS 302-1:2008+A1 +A2+A3+A4, IS 302-2 and IEC:60335-1&2: 2020
50.		Internal wiring	CI 23 of IS 302-1:2008+A1+A2+A3 +A4, IS 302-2 and IEC:60335-2, IEC 60335-1: 2020
51.		Leakage current and electric strength	CI 16 of IS 302-1:2008+A1+A2+A3+A4, IS 302-2 and IEC 60335-2 and IEC:60335-1
52.		Marking & Instructions	CI 7 of IS 302-1:2008+A1+A2+A3+ A4, 302-2 and IEC:60335-2, IEC 60335-:2020, CI.7 of IEC 62115:2017, Cl. 17&19 IS 369: 2019
53.		Power Input and current/ power input / Inrush current	CI 10 of IS 302-1:2008+A1+A2 +A3+A4, 302- 2 and IEC:60335-1:2020 & IEC 60335-2, BEE Schedule 8, Cl.8 of IEC 62115:2017, Cl. 14 IS 369: 2019
54.		Resistance to rusting	CI 31 of IS 302-1:2008+A1+A2+ A3+A4, IS 302-2 and IEC 60335-2 & IEC 60335-1
55.		Screws and connections	CI 28 of IS 302-1:2008+A1+ A2+A3+A4, IS 302-2 and IEC:60335-2, IEC 60335-1:2020, Cl.16 of IEC 62115: 2017

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
56.		Supply connection & external flexible cables & cords / Supply connection & external flexible cords	CI 25 of IS 302-1:2008+A1+A2+A3 +A4, IS 302-2 and IEC:60335-2, IEC 60335-1: 2020
57.		Terminals for external conductors	CI 26 of IS 302-1:2008+A1+A2+A3 +A4, IS 302-2 and IEC:60335-2, IEC 60335-1: 2020



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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
58.	Electric iron, electric immersion water heaters, room heaters, stationary storage type electric water heaters, electric stoves, electric instantaneous water heaters, frying pans, deep fat fryers and similar appliances, electric kitchen machine, toasters, grills, roasters and similar appliances, cooking ranges, hobs, ovens and similar appliances, electric coffee makers, electrical shavers, hair clipper and similar appliances, domestic electric clothes washing machines, appliances for skin or hair care, specification for domestic electric food-mixers (liquidizers and grinders)	Verification of components	Cl. 24 of IS 302-1:2008+A1+A2+A3+A4/302-2, 302-2- 3:1994, 302-2-201:2008, 302-2- 30:2007, 302-2- 21:2018, 302-2-202:1992, 302-2- 35:2017, 302-2- 13:1994, 302-2- 14:2009, 302-2- 9:2009, 302- 2- 6:2009, 302-2- 206:1994, 302-2- 8:1994, 302-2-7:2010, 302-2- 23:2009, 4250:1980, IEC 60335-2, IEC 60335-1: 2020
59.	Electric pedestal type fans and regulators	Design and general construction	Cl.6 of IS 1169:1967+A4+A5+A6; IEC 60879:
60.		Tolerances on rating	Cl. 18 of IS 1169:1967+A4+A5+A6; IEC 60879:2019
61.		AC leakage test	Cl.16.8 of IS 1169:1967+A4+ A5+A6; IEC 60879: 2019

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

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
73.		Interchangeability	Cl.12 of IS 1169:1967+A4+A5+A6; IEC 60879:2019
74.		Marking	Cl.15 of IS 1169:1967+A4+A5+A6; IEC 60879:2019
75.		Mechanical endurance test for regulators	Cl.16.6 of IS 1169:1967+A4+ A5+A6; IEC 60879: 2019
76.		Moisture proofness test for regulator	Cl.16.4 of IS 1169:1967+A4+A5 +A6; IEC 60879: 2019
77.		Oscillating mechanism	Cl.14 of IS 1169:1967+A4+A5+A6; IEC 60879:2019
78.		Power factor test	Cl.16.7 of IS 1169:1967+A4+A5+ A6; IEC 60879: 2019
79.		Rated frequency	Cl. 5 of IS 1169:1967+A4+A5+A6; IEC 60879:2019
80.		Rated voltage	Cl. 4 of IS 1169:1967+A4+A5+A6; IEC 60879:2019
81.		Silent operation	Cl.13 of IS 1169:1967+A4+A5+A6; IEC 60879:2019
82.		Sizes, speed & types	Cl.3 of IS 1169 :1967+A4+A5+A6; IEC 60879:2019
83.		Speed regulators	Cl.10 of IS 1169:1967+A4+A5+A6; IEC 60879: 2019

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
84.		Starting	Cl.11 of IS 1169:1967+A4+A5+A6; IEC 60879: 2019
85.		Temperature-rise of fan motor and regulator	Cl.16.3 of IS 1169:1967+A4+A5 +A6; IEC 60879: 2019
86.		Air delivery	Cl. 10.3, IS 555:1979+A1+A2 RA: 2020
87.		Cord grip test	Cl. 10.14, IS 555: 1979+A1+A2 RA: 2020
88.		Creepage distances and clearances	Cl. 10.16, Cl. 7.4, IS 555: 1979+A1+A2 RA: 2020
89.		Creepage distances and clearances	Cl. 10.16, Cl. 7.4, IS 555: 1979+A1+A2 RA: 2020
90.		Design and general construction	Cl. 6, IS 555: 1979+A1+A2 RA: 2020
91.		Earthing connection	Cl. 10.10, IS 555: 1979+A1+A2 RA: 2020
92.		Earthing connection	Cl. 10.10, IS 555: 1979+A1+A2 RA: 2020
93.		Fan speed and Input	Cl. 10.9, IS 555:1979 +A1+A2 RA: 2020
94.		Fan Speed and Input	Cl. 10.9, IS 555: 1979+A1+A2 RA: 2020

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
95.		General and safety requirement	Cl. 7, IS 555: 1979+A1+A2 RA: 2020
96.		High voltage test	Cl. 10.6, IS 555: 1979+A1+A2 RA: 2020
97.		High voltage test	Cl. 10.6, IS 555: 1979+A1+A2 RA: 2020
98.		Insulation resistance	Cl. 10.7, Cl. 7.2.1.1, IS 555: 1979+ A1+ A2 RA: 2020
99.		Insulation resistance	Cl. 10.7, Cl. 7.2.1.1, IS 555: 1979+A1 +A2 RA: 2020
100.		Interchangeability	Cl. 7.9, IS 555: 1979+A1+A2 RA: 2020
101.		Leakage current	Cl. 10.5, Cl. 7.2.1.2, IS 555: 1979+A1 +A2 RA: 2020
102.		Leakage current	Cl. 10.5, Cl. 7.2.1.2, IS 555: 1979+A1+ A2 RA: 2020
103.		Marking	Cl. 9, IS 555: 1979+A1+A2 RA: 2020
104.		Mechanical endurance test(for regulators only)	Cl. 10.13, Cl. 7.4, IS 555:1979+A1+A2 RA: 2020

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
105.		Moisture resistance	Cl. 10.12, IS 555: 1979+A1+A2 RA: 2020
106.		Oscillating mechanism	Cl. 10.15, Cl. 7.11, IS 555: 1979+A1+A2 RA: 2020
107.		Performance requirement	Cl. 8, IS 555: 1979+A1+A2 RA: 2020
108.		Protection against electric shock	Cl. 10.11, Cl. 7.1, IS 555: 1979+A1+A2 RA: 2020
109.		Rated frequency	Cl. 5 of IS 555: 1979+A1+A2 RA: 2020
110.		Rated voltage	Cl.4 of IS 555: 1979+A1+A2 RA: 2020
111.		Silent operation	Cl. 7.10, IS 555: 1979+A1+A2 RA: 2020
112.		Sizes, speeds and types	Cl.3 of IS 555: 1979+A1+A2 RA: 2020
113.		Speed Regulators	Cl. 7.8, IS 555: 1979+A1+A2 RA: 2020
114.		Starting	Cl. 10.8, IS 555: 1979+A1+A2 RA: 2020
115.		Temperature rise rest	Cl. 10.4, Cl. 7.3, IS 555: 1979+A1 +A2 RA: 2020
116.		Temperature- rise rest	Cl. 10.4, Cl. 7.3, IS 555: 1979+A1+ A2 RA: 2020
117.	Freezers	Durability test (doors and fittings)	Cl.4.8 & 4.8.1 of IS 7872: 2020+A1

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	Domestic Electrical Appliances		
118.		Strength-pressure test for components	Cl.5.4 of IS 7872: 2020+A1
119.	Household and similar electrical appliances, electric Iron, electric immersion water heaters, room heaters, stationary storage type electric water heaters, electric stoves, electric instantaneous water heaters, frying pans, deep fat fryers and similar appliances, electric kitchen machine, toasters, grills, roasters and similar	Construction	Cl. 22 of IS 302-1:2008+A1+A2+A3+A4/302-2, 302-2- 3:1994, 302-2-201:2008, 302-2-30:2007, 302-2-21:2018, 302-2-202:1992, 302-2-35:2017, 302-2-13:1994, 302-2-14:2009, 302-2-9:2009, 302-2- 6:2009, 302-2- 206:1994, 302-2- 8:1994, 302-2-7:2010, 302-2- 23:2009, 4250:1980, IEC 60335-2, IEC 60335-1: 2020
120.	appliances, cooking ranges, hobs, ovens and similar appliances, electric coffee makers, electrical shavers, hair clipper and similar appliances, domestic electric clothes washing machines, appliances for skin or hair care, specification for Domestic Electric Food-Mixers (Liquidizers and Grinders)	Moisture resistance	Cl. 15 of IS 302-1:2008+A1+A2+A3+A4/302-2, 302-2- 3:1994, 302-2-201:2008, 302-2-30:2007, 302-2- 21:2018, 302-2-202:1992, 302-2- 35:2017, 302-2-13:1994, 302-2-14:2009, 302-2-9:2009, 302-2- 6:2009, 302-2-206:1994, 302-2- 8:1994, 302-2-7:2010, 302-2- 23:2009, 4250:1980, IEC 60335-2, IEC 60335-1: 2020



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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
121.		Transient overvoltage	Cl. 14 of IS 302-1:2008+A1+A2+A3+A4/302-2, 302-2-3:1994, 302-2-201:2008, 302-2-30:2007, 302-2-21:2018, 302-2-202:1992, 302-2-35:2017, 302-2-13:1994, 302-2-14:2009, 302-2-9:2009, 302-2-6:2009, 302-2-206:1994, 302-2-8:1994, 302-2-7:2010, 302-2-23:2009, 4250:1980, IEC 60335-2, IEC 60335-1: 2020
122.	Household refrigerating appliances - Refrigerators	Analysis of a refrigerating appliance without steady state between defrosts.	Annex L of IS 17550- 3: 2021
123.		Automatic ice making capacity test	Cl.9 of IEC 62552-2: 2015+A1
124.		Automatic ice-making capacity test	Cl.9 of IS 17550-2: 2021
125.		Cooling capacity test	Cl.7 of IS 17550-2: 2021
126.		Defrost and recovery energy and temperature change	Annex C of IS 17550- 3: 2021
127.		Defrost interval	Annex D of IS 17550- 3: 2021

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
128.		Determination of compartment average air Temperatures	Annex D of IEC 62552-1: 2015+A1
129.		Determination of energy consumption	Cl.6 of IS 17550-3 & Annex A of IS 17550- 3: 2021
130.		Determination of Linear Dimensions	Cl. 6.2 of IS 17550-1: 2021
131.		Determination of load processing efficiency	Annex G of IS 17550- 3: 2021
132.		Determination of Steady state power & temperature	Annex B of IEC 62552-3: 2015+A1
133.		Determination of Steady state power & temperature	Annex B of IS 17550- 3: 2021
134.		Determination of Volume	Cl.4.8 of IEC 62552-3+A1 & Annex H of IEC 62552-3: 2015+A1
135.		Determination of volume	Cl.4.8 of IS 17550-3 & Annex H of IS 17550-3: 2021
136.		Energy consumption of specified auxiliaries	Annex F of IEC 62552-3:2015+A1
137.		Energy consumption of specified auxiliaries	Annex F of IS 17550- 3: 2021

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
138.		Freezing capacity test	Cl.8 of IS 17550-2: 2021
139.		Ice-making test (if applicable)	Cl.14 of IS 17550-1 & 17550-3: 2021
140.		Interpolation of results	Annex E of IEC 62552-3: 2015+A1
141.		Interpolation of results	Annex E of IS 17550- 3: 2021
142.		Marking	Cl.5 of IS 17550-1: 2021
143.		Pul- down test	Annex A of IEC 62552-2:2015
144.		Pul- down test	Annex A of IS 17550- 2: 2021
145.		Safety requirements (*Protection against access to live parts *Power input and current) *Heating *Leakage current and electric strength at operating temperature *Moisture resistance*Leakage current and electric strength (high voltage after humidity))	Cl.16 of IS 17550-1 & IS 302- 1: 2021

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
146.		Shelves and containers	Cl.8.5 of IS 17550-1: 2021
147.		Storage test	Cl.6 of IEC 62552-2: 2015+A1
148.		Storage test	Cl.6 of IS 17550-2: 2021
149.		Storage test of wine storage appliances and compartments	Annex B of IS 17550- 2: 2021
150.		Temperature rise test	Annex C of IEC 62552-2: 2015+A1
151.		Temperature rise test	Annex C of IS 17550- 2: 2021
152.		Test for absence of odour and taste	Cl.15 of IS 17550-1: 2021
153.		Testing the air tightness of door or lid seal(s) (Door seal test)	Cl.9 of IS 17550-1: 2021
154.		Testing the durability of hinges and handles of door(s) and lid(s) (Mechanical durability test)	Cl.11 of IS 17550-1: 2021
155.		Testing the mechanical strength of shelves and similar components	Cl.12 of IS 17550-1: 2021

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
156.		Testing the opening force of door(s) or lid(s)	Cl.10 of IS 17550-1: 2021
157.		Water vapour condensation	Annex D of IEC 62552-2: 2015+A1
158.		Water-vapour condensation test	Cl.13 of IS 17550-1 & Annex D of IS 17550-2: 2021
159.		Wine storage appliances & compartments; storage	Annex B of IEC 62552-2: 2015+A1
160.		Cooling capacitive test	Cl.7 of IEC 62552-2: 2015+A1
161.		Defrost and recovery energy and temperature change	Annex C of IEC 62552-3: 2015+A1
162.		Defrost interval	Annex D of IEC 62552-3: 2015+A1
163.		Determination of energy consumption	Cl.6 of IEC 62552-3+A1 & Annex A of IEC 62552-3: 2015+A1
164.		Determination of load processing efficiency	Annex G of IEC 62552-3: 2015+A1
165.		Freezing capacitive test	Cl. 8 of IEC 62552-2: 2015+A1
166.		High voltage test	Cl. 14.8, IS 2312: 1967+A7+A8
167.	Propeller type AC ventilating fans	Air delivery	Cl. 14.2, IS 2312: 1967+A7+A8
168.		AC leakage	Cl. 14.7, IS 2312: 1967+A7+A8

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
169.		Earthing continuity test	Cl. 14.10, IS 2312: 1967+A7+A8
170.		Earthing continuity test	Cl. 14.10, IS 2312: 1967+A7+A8
171.		Electrical Input Test	Cl. 14.11, IS 2312: 1967+A7+A8
172.		Electrical Input Test	Cl. 14.11, IS 2312: 1967+A7+A8
173.		Electrical Input Test	Cl. 14.11, IS 2312: 1967+A7+A8
174.		Finish	Cl. 7, IS 2312: 1967+A7+A8
175.		Flash Test	Cl. 14.13, IS 2312: 1967+A7+A8
176.		Insulating Material	Cl. 8, IS 2312: 1967+A7+A8
177.		Insulation Resistance Test	Cl. 14.9, IS 2312: 1967+A7+A8
178.		Interchangeability	Cl. 11, IS 2312: 1967+A7+A8
179.		Marking	Cl. 13, IS 2312: 1967+A7+A8
180.		Measurement of Fan Speed	Cl. 14.12, IS 2312: 1967+A7+A8
181.		Mechanical Endurance Test (For Regulators Only)	Cl. 14.5, IS 2312: 1967+A7+A8
182.		Moisture Proofness Test (for Regulators Only)	Cl. 14.4, IS 2312: 1967+A7+A8
183.		Power Factor	Cl. 14.6, IS 2312: 1967+A7+A8
184.		Protection against direct Contact	Cl. 6, IS 2312: 1967+A7+A8
185.		Rated Frequency	Cl.5 of IS 2312: 1967+A7+A8
186.		Rated Voltage	Cl.4 of IS 2312: 1967+A7+A8

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
187.		Requirements performance	Cl. 15 of IS 2312: 1967+A7+A8
188.		Silent operation	Cl. 12, IS 2312: 1967+A7+A8
189.		Size of fan	Cl. 3, IS 2312: 1967+A7+A8
190.		Speed regulators	Cl. 9, IS 2312: 1967+A7+A8
191.		Starting	Cl. 10, IS 2312: 1967+A7+A8
192.		Temperature rise of fan motor and regulator	Cl. 14.3, IS 2312: 1967+A7+A8
193.		Tolerance on rating	Cl.16 of IS 2312: 1967+A7+A8
194.	Stationary storage type electric water heater	Cyclic temperature variation	Cl. 20, IS 2082: 2018+A1
195.		Deviation from dial calibration	Cl. 19, IS 2082: 2018+A1
196.		Finish	Cl. 21, IS 2082: 2018+A1
197.		Hot water output	Cl. 16, IS 2082: 2018+A1
198.		Measurement of energy consumption	Cl. 13, IS 2082: 2018+A1
199.		Mixing factor	Cl. 18, IS 2082: 2018+A1
200.		Reheating time	Cl. 17, IS 2082: 2018
201.		Standing loss per 24 hours	Cl. 15, IS 2082: 2018+A1
202.		Verification of the rated	Cl. 14, IS 2082: 2018+A1

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
		capacity	
203.	Domestic electric food –mixers (liquidizers and grinders) and centrifugal juicers	Abnormal operation	Cl. 19 of IS 4250: 1980 +A1 to A10:2019
204.	Domestic electric food –mixers (liquidizers and grinders) and centrifugal juicers	Components	Cl. 24 of IS 4250: 1980 +A1 to A10:2019
205.	Domestic electric food –mixers (liquidizers and grinders) and centrifugal juicers	Creepage distances and clearances	Cl. 29 of IS 4250: 1980 +A1 to A10:2019
206.	Domestic electric food –mixers (liquidizers and grinders) and centrifugal juicers	Electrical insulation and leakage current at operating temperature / leakage current and electric strength at operating temperature	Cl. 13 of IS 4250: 1980 +A1 to A10:2019
207.	Domestic electric food –mixers (liquidizers and grinders) and centrifugal juicers	Endurance	Cl. 18 of IS 4250: 1980 +A1 to A10:2019
208.	Domestic electric food –mixers (liquidizers and grinders) and centrifugal juicers	Input and current/ power input and current	Cl. 10 of IS 4250: 1980 +A1 to A10:2019
209.	Domestic electric food –mixers (liquidizers and grinders) and centrifugal juicers	Internal wiring	Cl. 23 of IS 4250: 1980 +A1 to A10:2019

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
210.	Domestic electric food –mixers (liquidizers and grinders) and centrifugal juicers	Leakage current and electric strength	Cl. 16 of IS 4250: 1980 +A1 to A10:2019
211.	Domestic electric food –mixers (liquidizers and grinders) and centrifugal juicers	Marking/ marking and instructions	Cl. 7 of IS 4250: 1980 +A1 to A10:2019
212.	Domestic electric food –mixers (liquidizers and grinders) and centrifugal juicers	Mechanical strength	Cl. 21 of IS 4250: 1980 +A1 to A10:2019
213.	Domestic electric food –mixers (liquidizers and grinders) and centrifugal juicers	Moisture resistance	Cl. 15 of IS 4250: 1980 +A1 to A10:2019
214.	Domestic electric food –mixers (liquidizers and grinders) and centrifugal juicers	Operational tests	Cl.34, IS 4250: 1980 +A1 to A10:2019
215.	Domestic electric food –mixers (liquidizers and grinders) and centrifugal juicers	Protection against electric shock/ protection against access to live parts	Cl. 8 of IS 4250: 1980 +A1 to A10:2019
216.	Domestic electric food –mixers (liquidizers and grinders) and centrifugal juicers	Provision for earthing	Cl. 27 of IS 4250: 1980 +A1 to A10:2019
217.	Domestic electric food –mixers (liquidizers and grinders) and centrifugal juicers	Resistance to heat and fire	Cl. 30 of IS 4250: 1980 +A1 to A10:2019

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
218.	Domestic electric food –mixers (liquidizers and grinders) and centrifugal juicers	Resistance to rusting	Cl. 31 of IS 4250: 1980 +A1 to A10:2019
219.	Domestic electric food –mixers (liquidizers and grinders) and centrifugal juicers	Screws and connections	Cl. 28 of IS 4250: 1980 +A1 to A10:2019
220.	Domestic electric food –mixers (liquidizers and grinders) and centrifugal juicers	Stability and mechanical hazards	Cl. 20 of IS 4250: 1980 +A1 to A10:2019
221.	Domestic electric food –mixers (liquidizers and grinders) and centrifugal juicers	Starting of motor operated appliances	Cl. 9 of IS 4250: 1980 +A1 to A10:2019
222.	Domestic electric food –mixers (liquidizers and grinders) and centrifugal juicers	Supply connection and external flexible cables and cords	Cl. 25 of IS 4250: 1980 +A1 to A10:2019
223.	Domestic electric food –mixers (liquidizers and grinders) and centrifugal juicers	Temperature rise /heating	Cl. 11 of IS 4250: 1980 +A1 to A10:2019
224.	Domestic electric food –mixers (liquidizers and grinders) and centrifugal juicers	Terminal for external conductor	Cl. 26 of IS 4250: 1980 +A1 to A10:2019
225.	Domestic electric food –mixers (liquidizers and grinders) and centrifugal juicers	Transient over voltage test	Cl. 14 of IS 4250: 1980 +A1 to A10:2019

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
226.	Domestic electric food –mixers (liquidizers and grinders) and centrifugal juicers	Verification of construction	Cl. 22 of IS 4250: 1980 +A1 to A10:2019
227.	Domestic electric food mixers (liquidizers and grinders)	Finish	Cl. 33, IS 4250: 1980 +A1 to A10:2019
228.	Domestic electric food mixers (liquidizers and grinders)	Strength of assembly	Cl. 37, IS 4250: 1980 +A1 to A10:2019
229.	Domestic electric food mixers (liquidizers and grinders)	Test for controls	Cl. 36, IS 4250: 1980 +A1 to A10:2019
230.	Domestic electric food mixers (liquidizers and grinders)	Temperature withstand test for bowl	Cl. 35, IS 4250: 1980 +A1 to A10:2019
231.	Mains operated electric hair dryers	Classification	Cl.7 of IS 7154:1994 +A1:2005
232.	Mains operated electric hair dryers	Endurance	Cl.11 of IS 7154:1994 +A1:2005
233.	Mains operated electric hair dryers	Finish	Cl.12 of IS 7154:1994 +A1:2005
234.	Mains operated electric hair dryers	Marking	Cl.8 of IS 7154:1994 +A1:2005
235.	Mains operated electric hair dryers	Marking & instruction	Cl.7 of IS 7154:1994 +A1:2005
236.	Mains operated electric hair dryers	Performance	Cl.10 of IS 7154:1994 +A1:2005
237.	Mains operated electric hair dryers	Rating	Cl.6 of IS 7154:1994 +A1:2005

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
238.	Mains operated electric hair dryers	Safety requirements (8 to 32 of 302-2- 23:2009)	Cl.9 of IS 7154:1994 +A1:2005
239.	Microwave ovens	Energy consumption	Cl.14 of IEC 60705: 2010/A1+A2, As per BEE Schedule 22
240.	Microwave ovens	Microwave function efficiency	Cl.9 of IEC 60705: 2010 / A1+A2, Cl.14 of IS 11676: 1995, As per BEE Schedule 22
241.	Microwave ovens	Standby power consumption	Cl.15 of IEC 60705:2010 + A1+A2 & Cl.5 of IEC 62301:2011 As per BEE Schedule 22
242.	Microwave ovens	Microwave power output	Cl.8 of IEC 60705: 2010/A1+A2, Cl.9 of IS 11676: 1995, As per BEE Schedule 22
243.	Bottled water dispensers-specification	Bottled water dispensers-specification	Cl.10.5 of IS 17681: 2022+A1
244.	Bottled water dispensers-specification	Cooling capacity test	Cl.10.1 of IS 17681: 2022+A1
245.	Bottled water dispensers-specification	Cooling capacity test- floor standing with refrigeration	Cl.10.1.2 of IS 17681: 2022+A1
246.	Bottled water dispensers-specification	Maximum operating condition test	Cl.10.2 of IS 17681: 2022+A1
247.	Bottled water dispensers-specification	Heating capacity test	Cl.10.3 of IS 17681: 2022+A1
248.	Bottled water dispensers-specification	Annual energy consumption test	Cl.10.4 of IS 17681: 2022+A1

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



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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
259.	Cooking fume extractors- methods for measuring performance	Volumetric airflow	Cl.10 of IEC 61591: 2023
260.	Electric direct-acting room heaters	Frost protection temperature (for heaters with frost protection means)	Cl. 13, IEC 60675-2: 2020
261.	Electric direct-acting room heaters	Dimensions, mass and means of connection to the supply (dimension)	Cl. 7, IS 369: 2019
262.	Electric direct-acting room heaters	Dimensions, mass and means of connection to the supply (dimension)	Cl. 7, IEC 60675-2: 2020
263.	Electric direct-acting room heaters	Dimensions, mass and means of connection to the supply (mass)	Cl. 7, IEC 60675: 1994
264.	Electric direct-acting room heaters	Effect of radiant heat (for all heaters except fan heaters and heaters for mounting at a height above 1.8 m)	Cl. 15, IEC 60675-2: 2020
265.	Electric direct-acting room heaters	Effect of radiant heat (for all heaters except fan heaters and heaters for	Cl. 15, IS 369: 2019

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
		mounting at a height above 1.8 m)	
266.	Electric direct-acting room heaters	Frost protection temperature (for heaters with frost protection means)	Cl. 13, IS 369: 2019
267.	Electric direct-acting room heaters	Inrush current (for all heaters)	Cl. 14, IEC 60675-2: 2020
268.	Electric direct-acting room heaters	Inrush current (for all heaters)	Cl. 14, IS 369: 2019
269.	Electric direct-acting room heaters	Measurement of the usable power	Cl. 16, IEC 60675-2: 2020
270.	Electric direct-acting room heaters	Measurement of the usable power	Cl. 16, IS 369: 2019
271.	Electric direct-acting room heaters	Set-back (for heaters with a set-back device)	Cl. 12, IEC 60675-2: 2020
272.	Electric direct-acting room heaters	Set-back (for heaters with a set-back device)	Cl. 12, IS 369: 2019
273.	Electric direct-acting room heaters	Stability of room temperature (for heaters with an ambient temperature thermostat)	Cl. 11, IEC 60675-2: 2020



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	Domestic Electrical Appliances		
274.	Electric direct-acting room heaters	Stability of room temperature (for heaters with an ambient temperature thermostat)	Cl. 11, IS 369: 2019
275.	Electric direct-acting room heaters	Temperature rises of air-outlet grilles and external surfaces	Cl. 8, IEC 60675-2: 2020
276.	Electric direct-acting room heaters	Temperature rises of air-outlet grilles and external surfaces	Cl. 8, IS 369: 2019
277.	Electric direct-acting room heaters	Temperature rises of surfaces surrounding the heater	Cl. 9, IS 369: 2019
278.	Electric direct-acting room heaters	Temperature rises of surfaces surrounding the heater	Cl. 9, IEC 60675-2: 2020
279.	Electric direct-acting room heaters	Warming-up time of the heater	Cl. 10, IEC 60675-2: 2020
280.	Electric direct-acting room heaters	Warming-up time of the heater	Cl. 10, IS 369: 2019
281.	Electric dishwashers for household use-methods for measuring the performance	Additional rinse performance evaluation	Annex Q of IEC 60436: 2015+A1, EN 60436



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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
282.	Electric dishwashers for household use-methods for measuring the performance	Airborne acoustical noise	Cl.9 of IEC 60436:2015+A1, IEC 60704-2-3: 2017, EN 60436
283.	Electric dishwashers for household use-methods for measuring the performance	Combined cleaning and drying performance assessment	Cl.7 of IEC 60436: 2015+A1, EN 60436
284.	Electric dishwashers for household use-methods for measuring the performance	Combined cleaning and drying performance tests	Cl.6 of IEC 60436: 2015+A1, EN 60436
285.	Electric dishwashers for household use-methods for measuring the performance	Determination of low power modes	IEC 62301, Annex K of IEC 60436: 2015+A1, EN 60436
286.	Electric dishwashers for household use-methods for measuring the performance	Dishwasher filtration evaluation	Annex R of IEC 60436: 2015+A1, EN 60436
287.	Electric dishwashers for household use-methods for measuring the performance	Energy consumption, water consumption, cycle time and programmed time	Cl.8 of IEC 60436: 2015+A1, EN 60436
288.	Electric dishwashers for household use-methods for measuring the performance	Inlet water temperature influence on energy consumption	Annex U of IEC 60436: 2015+A1, EN 60436
289.	Evaporative air cooler (desert coolers) --- specification	Accuracy of instrument	Cl. 11 of IS 3315: 2019

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
290.	Evaporative air cooler (desert coolers) -specification	Additional requirements for eco-mark	Cl. 9 of IS 3315: 2019
291.	Evaporative air cooler (desert coolers)-specification	Noise level	Cl. 9.3 of IS 3315: 2019
292.	Evaporative air cooler (desert coolers)- specification	Energy consumption	Cl. 9.5 of IS 3315: 2019
293.	Evaporative air cooler (desert coolers) - specification	Air flow and temperature measuring apparatus	Cl. 12 of IS 3315: 2019
294.	Evaporative air cooler (desert coolers) - specification	Calculation of air flow& annex A	Cl. 13 of IS 3315: 2019
295.	Evaporative air cooler (desert coolers) - specification	Cooling efficiency and air delivery test	Cl. 8.4.2 & 10.4 of IS 3315: 2019
296.	Evaporative air cooler (desert coolers) - specification	Earthing connection	Cl. 8.2.6 of IS 3315: 2019
297.	Evaporative air cooler (desert coolers) -Specification	Electrical equipment	Cl. 7 of IS 3315: 2019
298.	Evaporative air cooler (desert coolers) -Specification	Finish	Cl. 8.2.7 of IS 3315: 2019
299.	Evaporative air cooler (desert coolers) -Specification	General running test	Cl. 8.2.1 of IS 3315: 2019
300.	Evaporative air cooler (desert coolers) -Specification	Guarantee	Cl. 14 of IS 3315: 2019
301.	Evaporative air cooler (desert coolers) -Specification	High voltage test	Cl. 8.2.3 of IS 3315: 2019

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
302.	Evaporative air cooler (desert coolers) -Specification	Insulation resistance test	Cl. 8.2.4 of IS 3315: 2019
303.	Evaporative air cooler (desert coolers) -Specification	Leakage current	Cl. 8.2.5 of IS 3315: 2019
304.	Evaporative air cooler (desert coolers) -Specification	Rating voltage	Cl. 8.3.1 of IS 3315: 2019
305.	Evaporative air cooler (desert coolers) -Specification	Rated frequency	Cl. 8.3.2 of IS 3315: 2019
306.	Evaporative air cooler (desert coolers) -Specification	Manufacture and construction	Cl. 5 of IS 3315: 2019
307.	Evaporative air cooler (desert coolers) -Specification	Marking and information	Cl. 15 of IS 3315: 2019
308.	Evaporative air cooler (desert coolers) -Specification	BIS certification marking	Cl. 15.3 of IS 3315: 2019
309.	Evaporative air cooler (desert coolers) -Specification	Minimum air capacity	Cl. 4 of IS 3315: 2019
310.	Evaporative air cooler (desert coolers) -Specification	Performance requirement	Cl. 6 of IS 3315: 2019
311.	Evaporative air cooler (desert coolers) -Specification	Power consumption test	Cl. 8.2.8 & 8.4.3 of IS 3315: 2019
312.	Evaporative air cooler (desert coolers) -Specification	Protection against electric shock	Cl. 8.2.2 of IS 3315: 2019
313.	Evaporative air cooler (desert coolers) -Specification	Rating	Cl. 8.3. of IS 3315: 2019

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
314.	Evaporative air cooler (desert coolers) -Specification	Verification of marking as specified in 7 of IS 302 (part 1)	Cl. 8.4.1.a) of IS 3315: 2019
315.	Evaporative air cooler (desert coolers) -Specification	General test conditions	Cl. 10 of IS 3315: 2019
316.	Evaporative air cooler (desert coolers) -Specification	Standard ratings	Cl. 10.2 of IS 3315: 2019
317.	Evaporative air cooler (desert coolers) -Specification	Stable operating conditions	Cl. 10.5 of IS 3315: 2019
318.	Electric immersion water heater	Abnormal operation	Cl. 19 of IS 368: 2014
319.	Electric immersion water heater	Components	Cl. 24 of IS 368: 2014
320.	Electric immersion water heater	Creepage distances and clearances	Cl. 29 of IS 368: 2014
321.	Electric immersion water heater	Leakage current and electric strength at operating temperature	Cl. 13 of IS 368: 2014
322.	Electric immersion water heater	Endurance	Cl. 18 of IS 368: 2014
323.	Electric immersion water heater	Input and current/ power input and current	Cl. 10 of IS 368: 2014
324.	Electric immersion water heater	Internal wiring	Cl. 23 of IS 368: 2014
325.	Electric immersion water heater	Leakage current and electric strength	Cl. 16 of IS 368: 2014

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
326.	Electric immersion water heater	Marking/ marking and instructions	Cl. 7 of IS 368: 2014
327.	Electric immersion water heater	Mechanical strength	Cl. 21 of IS 368: 2014
328.	Electric immersion water heater	Moisture resistance	Cl. 15 of IS 368: 2014
329.	Electric immersion water heater	Operation under overload conditions of appliances with heating elements	Cl. 12 IS 368: 2014
330.	Electric immersion water heater	Overload protection of transformer and associated circuits / overload	Cl. 17 of IS 368: 2014
331.	Electric immersion water heater	Protection against electric shock/ protection against access to live parts	Cl. 8 of IS 368: 2014
332.	Electric immersion water heater	Provision for earthing	Cl. 27 of IS 368: 2014
333.	Electric immersion water heater	Radiation, toxicity and similar hazards	Cl. 32 of IS 368: 2014
334.	Electric immersion water heater	Resistance to heat and fire	Cl. 30 of IS 368: 2014
335.	Electric immersion water heater	Resistance to rusting	Cl. 31 of IS 368: 2014
336.	Electric immersion water heater	Screws and connections	Cl. 28 of IS 368: 2014
337.	Electric immersion water heater	Stability and mechanical	Cl. 20 of IS 368: 2014
338.	Electric immersion water heater	Starting of motor operated appliances	Cl. 9 of IS 368: 2014
339.	Electric immersion water heater	Supply connection and external flexible cables and	Cl. 25 of IS 368: 2014

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
340.	Electric immersion water heater	Supply connection and external flexible cables and	Cl. 25 of IS 368: 2014
341.	Electric immersion water heater	Temperature rise /heating	Cl. 11 of IS 368: 2014
342.	Electric immersion water heater	Terminal for external	Cl. 26 of IS 368: 2014
343.	Electric immersion water heater	Transient over voltage test	Cl. 14 of IS 368: 2014
344.	Electric immersion water heater	Verification of construction	Cl. 22 of IS 368: 2014
345.	Electric instantaneous water heater	Endurance test	Cl. 12, IS 8978: 1992+A1+A2
346.	Electric instantaneous water heater	Finish test	Cl. 10, IS 8978: 1992+A1+A2
347.	Electric instantaneous water heater	Operation of flow switch	Cl. 11, IS 8978: 1992+A1+A2
348.	Mineral filled sheathed heating elements	Abnormal operation	Cl. 19 of IS 4159: 2021, IS 302-1:2008+A1+A2+A3+A4, IEC 60335-1: 2020
349.	Mineral filled sheathed heating elements	Clearances, creepage distances and solid insulation	Cl. 29 of IS 4159: 2021, IS 302-1:2008 A1+A2+A3+A4, IEC 60335-1: 2020
350.	Mineral filled sheathed heating elements	Electrical insulation and leakage current at operating temperature	Cl. 13 of IS 4159: 2021, IS 302-1:2008 A1+A2+A3+A4, IEC 60335-1: 2020
351.	Mineral filled sheathed heating elements	Endurance	Cl. 18 of IS 4159: 2021, IS 302-1:2008, IEC 60335-1: 2020
352.	Mineral filled sheathed heating elements	Power input & current	Cl. 10 of IS 4159: 2021, IS 302-

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
			1:2008 A1+A2+A3+A4, IEC 60335-1: 2020
353.	Mineral filled sheathed heating elements	Insulation resistance and electric strength (after humidity treatment)	Cl. 16 of IS 4159: 2021, IS 302-1:2008 A1+A2+A3+A4, IEC 60335-1: 2020
354.	Mineral filled sheathed heating elements	Internal wiring	Cl. 23 of IS 4159: 2021, IS 302-1:2008 A1+A2+A3+A4, IEC 60335-1: 2020
355.	Mineral filled sheathed heating elements	Leakage and hydrostatic strength test (for oil heating elements)	Cl. 102 of IS 4159: 2021
356.	Mineral filled sheathed heating elements	Mechanical strength	Cl.21 of IS 4159: 2021, IS 302-1:2008 A1+A2+A3+A4, IEC 60335-1: 2020
357.	Mineral filled sheathed heating elements	Moisture resistance	Cl.15 of IS 4159: 2021, IS 302-1:2008 A1+A2+A3+A4, IEC 60335-1: 2020
358.	Mineral filled sheathed heating elements	Protection against access to live parts	Cl. 8 of IS 4159: 2021, IS 302-1:2008+ A1+ A2+A3+A4, IEC 60335-1: 2020
359.	Mineral filled sheathed heating elements	Provision for earthing	Cl.27 of IS 4159: 2021, IS 302-1:2008 A1+A2+A3+A4, IEC 60335-1: 2020
360.	Mineral filled sheathed heating elements	Resistance to heat and fire	Cl. 30 of IS 4159: 2021, IS 302-1:2008 A1+A2+A3+A4, IEC 60335-1: 2020

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
361.	Mineral filled sheathed heating elements	Resistance to rusting	Cl. 31 of IS 4159: 2021, IS 302-1:2008 A1+A2+A3+A4, IEC 60335-1: 2020
362.	Mineral filled sheathed heating elements	Screws and connection	Cl. 28 of IS 4159: 2021, IS 302-1:2008, IEC 60335-1: 2020
363.	Mineral filled sheathed heating elements	Stability and mechanical hazards	Cl. 20 of IS 4159: 2021, IS 302-1:2008 A1+A2+A3+A4, IEC 60335-1: 2020
364.	Mineral filled sheathed heating elements	Supply connection and external flexible cords	Cl. 25 of IS 4159: 2021, IS 302-1:2008 A1+A2+A3+A4, IEC 60335-1: 2020
365.	Mineral filled sheathed heating elements	Heating	Cl. 11 of IS 4159: 2021, IS 302-1:2008 A1+A2+A3+A4, IEC 60335-1: 2020
366.	Mineral filled sheathed heating elements	Terminals for external conductors	Cl. 26 of IS 4159: 2021, IS 302-1:2008 A1+A2+A3+A4, IEC 60335-1: 2020
367.	Mineral filled sheathed heating elements	Components	Cl. 24 of IS 4159: 2021, IS 302-1:2008 A1+A2+A3+A4, IEC 60335-1: 2020
368.	Mineral filled sheathed heating elements	Construction	Cl. 22 of IS 4159: 2021, IS 302-1:2008 A1+A2+A3+A4, IEC 60335-1: 2020
369.	Mineral filled sheathed heating elements	Marking	Cl. 7 of IS 4159: 2021, IS 302-1:2008 +A1 +A2+A3+A4, IEC 60335-1: 2020

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
370.	Household refrigerating appliances	Classification	Cl.4 of IS 17550-1:2021
371.	Household refrigerating appliances	Instructions	Cl.7 of IS 17550-1:2021
372.	Household refrigerating appliances	Materials and finishes	Cl.8.2 of IS 17550-1:2021
373.	Household refrigerating appliances	Thermal insulation and air tightness	Cl.8.3 of IS 17550-1:2021
374.	Household refrigerating appliances	Doors, lids and fittings	Cl.8.4 of IS 17550-1:2021
375.	Household refrigerating appliances	Disposal of defrost water	Cl.8.6 of IS 17550-1:2021
376.	Household refrigerating appliances	Refrigerating system	Cl.8.7 of IS 17550-1:2021
377.	Household refrigerating appliances	Supply cord	Cl.8.8 of IS 17550-1:2021
378.	Household refrigerating appliances	Compressor	Cl.8.9 of IS 17550-1:2021
379.	Household refrigerating appliances	Temperature sensing controls (thermostat)	Cl.8.10 of IS 17550-1:2021
380.	Household refrigerating appliances	Temperature sensing controls (thermostat)	Cl.8.11 of IS 17550-1:2021
381.	Household refrigerating appliances	Protection against access to live parts	Cl.16 (a) of IS 17550-1:2021 and IS 302-1:2008+A1+A2+A3+A4

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
382.	Household refrigerating appliances	Power input and current	Cl.16 (b) of IS 17550-1:2021 and IS 302-1:2008+ A1+A2+A3+A4
383.	Household refrigerating appliances	Heating	Cl.16 (c) of IS 17550-1:2021 and IS 302-1:2008+ A1+A2+A3+A4
384.	Household refrigerating appliances	Leakage current and electric strength at operating temperature	Cl.16 (d) of IS 17550-1:2021 and IS 302-1:2008 +A1+A2+A3+A4
385.	Household refrigerating appliances	Moisture resistance	Cl.16 (e) of IS 17550-1:2021 and IS 302-1:2008+ A1+A2+A3+A4
386.	Household refrigerating appliances	Leakage current and electric strength (high voltage after humidity)	Cl.16 (f) of IS 17550-1:2021 and IS 302-1:2008+A1+A2+A3+A4
387.	Household refrigerating appliances	Leakage current test	Cl.20.3 (a) of IS 17550-1:2021 and IS 302-1:2008+A1+A2+A3+A4
388.	Household refrigerating appliances	Earth continuity test	Cl.20.3 (b) of IS 17550-1:2021 and IS 302-1:2008+A1+A2+A3+A4
389.	Household refrigerating appliances	Electric strength	Cl.20.3 (c) of IS 17550-1:2021 and IS 302-1:2008+A1+A2+A3+A4
390.	Household refrigerating appliances	Safety requirements	Cl. 16 of IS 17550-1:2021
391.	Household refrigerating appliances	Packing	Cl. 17 of IS 17550-1:2021
392.	Household refrigerating appliances	Designation	Cl. 18 of IS 17550-1:2021

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	Domestic Electrical Appliances		
393.	Household refrigerating appliances	Instructions for use and maintenance	Cl. 19 of IS 17550-1:2021
394.	Household refrigerating appliances	Storage test	Cl.4.2 of IS 17550-2:2021
395.	Household refrigerating appliances	Cooling capacity test	Cl.4.3 of IS 17550-2:2021
396.	Household refrigerating appliances	Freezing capacity test	Cl.4.4 of IS 17550-2:2021
397.	Household refrigerating appliances	Automatic ice-making capacity test	Cl.4.5 of IS 17550-2:2021
398.	Household refrigerating appliances	Other tests	Cl.4.6 of IS 17550-2:2021
399.	Household refrigerating appliances	Pull-down test	Cl.4.6(a) of IS 17550-2:2021 & Annex A of IS 17550-2:2021
400.	Household refrigerating appliances	Wine storage test	Cl.4.6(b) of IS 17550-2:2021 & Annex B of IS 17550-2:2021
401.	Household refrigerating appliances	Temperature rise test	Cl.4.6(c) of IS 17550-2:2021, & Annex C of IS 17550-2:2021
402.	Household refrigerating appliances	Water vapour condensation test	Cl.4.6(d) of IS 17550-2:2021, & Annex D of IS 17550-2:2021
403.	Household refrigerating appliances	General test conditions	Cl.5 of IS 17550-2:2021 and Annex A & Annex B of IS 17550-1:2021
404.	Household refrigerating appliances	Automatic ice-making capacity test	Cl.9 of IS 17550-2:2021

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

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
419.	Deep freezers	Type-approved strength-pressure test	Cl.5.4.3 of IS 7872-2020 +A1
420.	Deep freezers	Fatigue test	Cl.5.4.4 of IS 7872-2020 +A1
421.	Deep freezers	Measurement	Cl.10 of IS 7872-2020 +A1
422.	Deep freezers	Measuring instruments	Cl.10.1 of IS 7872-2020 +A1
423.	Deep freezers	Temperature measurement conditions	Cl.10.2 of IS 7872-2020 +A1
424.	Deep freezers	General test conditions	Cl.9 of IS 7872-2020 +A1
425.	Deep freezers	Freezer installation	Cl.9.1 of IS 7872-2020 +A1
426.	Deep freezers	Temperature measurement conditions	Cl.10.2.1 of IS 7872-2020 +A1
427.	Commercial refrigerator	Component test	Cl.7.5.2 of IS 1474: 1959
428.	Commercial refrigerators	Computation of shelf area	Cl.3.6 of IS 1474: 1959
429.	Commercial refrigerators	Condensation test	Cl.7.5.5 of IS 1474: 1959
430.	Commercial refrigerators	Door seal test	Cl.7.5.8 of IS 1474: 1959
431.	Commercial refrigerators	Gross volume	Cl.3.3.1 of IS 1474: 1959
432.	Commercial refrigerators	Insulation resistance test (assembly test)	Cl.7.5.3 of IS 1474: 1959
433.	Commercial refrigerators	Net volume	Cl.3.7 of IS 1474: 1959
434.	Commercial refrigerators	Pressure test	Cl.7.5.1 of IS 1474: 1959
435.	Commercial refrigerators	Rating test	Cl.7.5.6 of IS 1474: 1959

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
436.	Commercial refrigerators	Test for adequate rating of compressor motor	Cl.7.5.7 of IS 1474: 1959
437.	Commercial refrigerators	Thermal insulation test	Cl.7.5.4 of IS 1474: 1959
438.	Commercial refrigerators	Volume of evaporator	Cl.3.4 of IS 1474: 1959
439.	Commercial refrigerators	Volume of fixed shelves and partitions	Cl.3.5 of IS 1474: 1959
440.	Refrigerated display cabinets	Electrical energy consumption test	Cl.5.3.5 of IS 16672 (Part 2): 2017
441.	Refrigerated display cabinets	Linear dimensions, areas and volumes	Cl.5.2.2 of IS 16672 (Part 2): 2017
442.	Refrigerated display cabinets	Marking	Cl.7 of IS 16672 (Part 2): 2017
443.	Refrigerated display cabinets	Seal test of doors and lids	Cl.5.2.1 of IS 16672 (Part 2): 2017
444.	Refrigerated display cabinets	Temperature test	Cl.5.3.3 of IS 16672 (Part 2): 2017
445.	Refrigerated display cabinets	Test for absence of odour and taste	Annex C of IS 16672 (Part 2): 2017
446.	Refrigerated display cabinets	Water vapour condensation test	Cl.5.3.4 of IS 16672 (Part 2): 2017
447.	Household electric cooking appliances- hobs- methods for measuring performance	Energy consumption and heating up time	Cl. 7, IEC 60350-2: 2017
448.	Household electric cooking appliances- hobs- methods for measuring performance	Power measurement of low power modes	Cl. 12, IEC 60350-2: 2017

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
449.	Household electric cooling appliances-performance requirements of electric hobs	Ability to control the temperature of a load	Cl.11 of IS 19014: 2022 BEE Schedule 34
450.	Household electric cooling appliances-performance requirements of electric hobs	Energy consumption and heating up time	Cl.10 of IS 19014 & BEE Schedule 34 (Induction Hobs): 2022
451.	Household electric cooling appliances-performance requirements of electric hobs	Heat distribution and heat supply	Cl.12 of IS 19014: 2022; BEE Schedule 34
452.	Household electric cooling appliances-performance requirements of electric hobs	Heat performance of cooking zones	Cl.13 of IS 19014: 2022; BEE Schedule 34
453.	Household electric cooling appliances-performance requirements of electric hobs	Power measurement of low power mode, standby mode, Power Measurement	Cl.15 of IS 19014: 2022, IEC 62301:2011 & BEE Schedule 34 (Induction Hobs): 2022
454.	Household electric cooling appliances-performance requirements of electric hobs	Smallest detected diameter for induction cooking zones	Cl.14 of IS 19014: 2022 BEE Schedule 34
455.	Household electric cooling appliances-performance requirements of electric hobs	Spillage capacity of hobs	Cl.16 of IS 19014: 2022 BEE Schedule 34
456.	Household electric cooling appliances-performance requirements of electric hobs	Thermal efficiency	Cl.10.7 of IS 19014 & BEE Schedule 34 (Induction Hobs): 2022

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
457.	Mains-operated electric shavers, portable hand-held mains-operated electric massagers	Rating	Cl.3 of IS 5159 :1969+A1+A2, IS 7137: 1973
458.	Mains-operated electric shavers, portable hand-held mains-operated electric massagers	Construction	Cl.5 of IS 5159 :1969+A1+A2, IS 7137: 1973
459.	Mains-operated electric shavers, portable hand-held mains-operated electric massagers	Material/ component part and material	Cl.4 of IS 5159 :1969+A1+A2, IS 7137: 1973
460.	Mains-operated electric shavers	Abnormal operation	Cl.6.7 of IS 5159: 1969+A1+A2
461.	Mains-operated electric shavers	Abnormal operation test	Cl.10.3.10 of IS 5159: 1969+A1+A2
462.	Mains-operated electric shavers	Cord grip test	Cl.10.3.2 of IS 5159: 1969+A1+A2
463.	Mains-operated electric shavers	Electrical insulation	Cl.6.3 of IS 5159: 1969+A1+A2
464.	Mains-operated electric shavers	Endurance	Cl.8 of IS 5159: 1969+A1+A2
465.	Mains-operated electric shavers	Endurance test	Cl.10.3.11 of IS 5159 :1969+A1+A2
466.	Mains-operated electric shavers	High voltage test	Cl.10.3.4 of IS 5159: 1969+A1+A2
467.	Mains-operated electric shavers	Marking	Cl.9 of IS 5159: 1969+A1+A2
468.	Mains-operated electric shavers	Mechanical strength	Cl.6.6 of IS 5159: 1969+A1+A2
469.	Mains-operated electric shavers	Mechanical strength test	Cl.10.3.9 of IS 5159: 1969+A1+A2
470.	Mains-operated electric shavers	Moisture resistance	Cl.6.5 of IS 5159: 1969+A1+A2

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
471.	Mains-operated electric shavers	Operation under overload condition	Cl.6.8 of IS 5159: 1969+A1+A2
472.	Mains-operated electric shavers	Performance requirement	Cl.7 of IS 5159: 1969+A1+A2
473.	Mains-operated electric shavers	Protection against electric shock	Cl.6.1 of IS 5159: 1969+A1+A2
474.	Mains-operated electric shavers	Radio, interface	Cl.6.4 of IS 5159: 1969+A1+A2
475.	Mains-operated electric shavers	Screw and connection	Cl.6.11 of IS 5159: 1969+A1+A2
476.	Mains-operated electric shavers	Supply connection	Cl.6.9 of IS 5159: 1969+A1+A2
477.	Mains-operated electric shavers	Temperature limit	Cl.10.3.8 of IS 5159: 1969+A1+A2
478.	Mains-operated electric shavers	Temperature limit	Cl.6.2 of IS 5159: 1969+A1+A2
479.	Mains-operated electric shavers	Terminals	Cl.6.10 of IS 5159: 1969+A1+A2
480.	Mains-operated electric shavers	Test for leakage current	Cl.10.3.6 of IS 5159: 1969+A1+A2
481.	Mains-operated electric shavers	Test for operation at over and under voltage	Cl.10.3.7 of IS 5159: 1969+A1+A2
482.	Mains-operated electric shavers	Test for protection against electric shock	Cl.10.3.5 of IS 5159: 1969
483.	Mains-operated electric shavers	Test for withdrawal pull	Cl.10.3.3 of IS 5159: 1969+A1+A2
484.	Mains-operated electric shavers	Visual examination and inspection	Cl.10.3.1 of IS 5159: 1969+A1+A2
485.	Specification for bottle coolers	Construction	Cl.4 of IS 2167: 2019
486.	Specification for bottle coolers	Pressure test	Cl.4.8.5 of IS 2167: 2019
487.	Specification for bottle coolers	Measurement of bottle cooler storage capacity	Cl.5 of IS 2167: 2019
488.	Specification for bottle coolers	Thermal insulation test	Cl.6.5.1 of IS 2167:2019

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
489.	Specification for bottle coolers	Insulation resistance test	Cl.6.5.2 of IS 2167: 2019
490.	Specification for bottle coolers	High voltage test	Cl.6.5.3 of IS 2167: 2019
491.	Specification for bottle coolers	No load performance test	Cl.6.5.4 of IS 2167: 2019
492.	Specification for bottle coolers	Power consumption test and percentage running time test	Cl.6.5.5 of IS 2167: 2019
493.	Specification for bottle coolers	Capacity rating test	Cl.6.5.6 of IS 2167: 2019
494.	Specification for bottle coolers	Maximum operating conditions test	Cl.6.5.7 of IS 2167: 2019
495.	Specification for bottle coolers	Marking and information	Cl.7 of IS 2167: 2019
496.	Household and Similar Electrical Appliances-Safety General Requirements (7 Revision)	General Requirement	Cl. 4 of IS 302-1:2024/IEC60335-1:2020
497.	Household and Similar Electrical Appliances-Safety General Requirements (7 Revision)	General Condition for the Test	Cl. 5 of IS 302-1:2024/IEC60335-1:2020
498.	Household and Similar Electrical Appliances-Safety General Requirements (7 Revision)	Classification	Cl. 6 of IS 302-1:2024/IEC60335-1:2020



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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
499.	Household and Similar Electrical Appliances-Safety General Requirements (7 Revision)	Marking and Instruction	Cl. 7 of IS 302-1:2024/IEC60335-1:2020
500.	Household and Similar Electrical Appliances-Safety General Requirements (7 Revision)	Protection against electric shock	Cl. 8 of IS 302-1:2024/IEC60335-1:2020
501.	Household and Similar Electrical Appliances-Safety General Requirements (7 Revision)	Starting for motor operated appliances	Cl. 9 of IS 302-1:2024/IEC60335-1:2020
502.	Household and Similar Electrical Appliances-Safety General Requirements (7 Revision)	Power Input and current	Cl. 10 of IS 302-1:2024/IEC60335-1:2020
503.	Household and Similar Electrical Appliances-Safety General Requirements (7 Revision)	Heating/ Temperature Rise Test	Cl. 11 of IS 302-1:2024/IEC60335-1:2020
504.	Household and Similar Electrical Appliances-Safety General Requirements (7 Revision)	Charging of metal-ion batteries	Cl. 12 of IS 302-1:2024/IEC60335-1:2020
505.	Household and Similar Electrical Appliances-Safety General Requirements (7 Revision)	Leakage Current and Electric Strength at Operating Temperature	Cl. 13 of IS 302-1:2024/IEC60335-1:2020

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
506.	Household and Similar Electrical Appliances-Safety General Requirements (7 Revision)	Transient Over voltage	Cl. 14 of IS 302-1:2024/IEC60335-1:2020
507.	Household and Similar Electrical Appliances-Safety General Requirements (7 Revision)	Moisture resistance	Cl. 15 of IS 302-1:2024/IEC60335-1:2020
508.	Household and Similar Electrical Appliances-Safety General Requirements (7 Revision)	Leakage current and electric strength	Cl. 16 of IS 302-1:2024/IEC60335-1:2020
509.	Household and Similar Electrical Appliances-Safety General Requirements (7 Revision)	Overload Protection/ Overload Protection of Transformer and Associated Circuits	Cl. 17 of IS 302-1:2024/IEC60335-1:2020
510.	Household and Similar Electrical Appliances-Safety General Requirements (7 Revision)	Endurance	Cl. 18 of IS 302-1:2024/IEC60335-1:2020
511.	Household and Similar Electrical Appliances-Safety General Requirements (7 Revision)	Abnormal Operation	Cl. 19 of IS 302-1:2024/IEC60335-1:2020
512.	Household and Similar Electrical Appliances-Safety General Requirements (7 Revision)	Stability and Mechanical Hazards	Cl. 20 of IS 302-1:2024/IEC60335-1:2020

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
513.	Household and Similar Electrical Appliances-Safety General Requirements (7 Revision)	Mechanical strength	Cl. 21 of IS 302-1:2024/IEC60335-1:2020
514.	Household and Similar Electrical Appliances-Safety General Requirements (7 Revision)	Construction	Cl. 22 of IS 302-1:2024/IEC60335-1:2020
515.	Household and Similar Electrical Appliances-Safety General Requirements (7 Revision)	Internal Wiring	Cl. 23 of IS 302-1:2024/IEC60335-1:2020
516.	Household and Similar Electrical Appliances-Safety General Requirements (7 Revision)	Components	Cl. 24 of IS 302-1:2024/IEC60335-1:2020
517.	Household and Similar Electrical Appliances-Safety General Requirements (7 Revision)	Supply Connection and External Flexible Cords	Cl. 25 of IS 302-1:2024/IEC60335-1:2020
518.	Household and Similar Electrical Appliances-Safety General Requirements (7 Revision)	Terminals for external conductors	Cl. 26 of IS 302-1:2024/IEC60335-1:2020
519.	Household and Similar Electrical Appliances-Safety General Requirements (7 Revision)	Provision for earthing	Cl. 27 of IS 302-1:2024/IEC60335-1:2020

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
520.	Household and Similar Electrical Appliances-Safety General Requirements (7 Revision)	Screws and Connections	Cl. 28 of IS 302-1:2024/IEC60335-1:2020
521.	Household and Similar Electrical Appliances-Safety General Requirements (7 Revision)	Creepage distance & clearances / Clearances, Creepage distances and solid insulations	Cl. 29 of IS 302-1:2024/IEC60335-1:2020
522.	Household and Similar Electrical Appliances-Safety General Requirements (7 Revision)	Resistance to Heat and Fire	Cl. 30 of IS 302-1:2024/IEC60335-1:2020
523.	Household and Similar Electrical Appliances-Safety General Requirements (7 Revision)	Resistance to Rusting	Cl. 31 of IS 302-1:2024/IEC60335-1:2020
524.	Household and Similar Electrical Appliances-Safety General Requirements (7 Revision)	Radiation, Toxicity and Similar Hazards	Cl. 32 of IS 302-1:2024/IEC60335-1:2020
525.	Household and Similar Electrical Appliances-Safety General Requirements (7 Revision)	Routine tests	Annex A of IS 302-1:2024/IEC60335-1:2020
526.	Household and Similar Electrical Appliances-Safety General Requirements (7 Revision)	Battery-operated appliances, separable batteries and detachable	Annex B of IS 302-1:2024/IEC60335-1:2020

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
		batteries for battery-operated appliances	
527.	Household and Similar Electrical Appliances-Safety General Requirements (7 Revision)	Ageing test on motors	Annex C of IS 302-1:2024/IEC60335-1:2020
528.	Household and Similar Electrical Appliances-Safety General Requirements (7 Revision)	Thermal motor protectors	Annex D of IS 302-1:2024/IEC60335-1:2020
529.	Household and Similar Electrical Appliances-Safety General Requirements (7 Revision)	Needle-flame test	Annex E of IS 302-1:2024/IEC60335-1:2020
530.	Household and Similar Electrical Appliances-Safety General Requirements (7 Revision)	Capacitors	Annex F of IS 302-1:2024/IEC60335-1:2020
531.	Household and Similar Electrical Appliances-Safety General Requirements (7 Revision)	Safety isolating transformers	Annex G of IS 302-1:2024/IEC60335-1:2020
532.	Household and Similar Electrical Appliances-Safety General Requirements (7 Revision)	Switches	Annex H of IS 302-1:2024/IEC60335-1:2020

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
533.	Household and Similar Electrical Appliances-Safety General Requirements (7 Revision)	Motors having basic insulation that is inadequate for the rated voltage of the appliance	Annex I of IS 302-1:2024/IEC60335-1:2020
534.	Household and Similar Electrical Appliances-Safety General Requirements (7 Revision)	Coated printed circuit boards	Annex J of IS 302-1:2024/IEC60335-1:2020
535.	Household and Similar Electrical Appliances-Safety General Requirements (7 Revision)	Overvoltage categories	Annex K of IS 302-1:2024/IEC60335-1:2020
536.	Household and Similar Electrical Appliances-Safety General Requirements (7 Revision)	Guidance for the measurement of clearances and creepage distances	Annex L of IS 302-1:2024/IEC60335-1:2020
537.	Household and Similar Electrical Appliances-Safety General Requirements (7 Revision)	Pollution degree	Annex M of IS 302-1:2024/IEC60335-1:2020
538.	Household and Similar Electrical Appliances-Safety General Requirements (7 Revision)	Proof tracking test	Annex N of IS 302-1:2024/IEC60335-1:2020

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
539.	Household and Similar Electrical Appliances-Safety General Requirements (7 Revision)	Selection and sequence of the tests of Clause 30	Annex O of IS 302-1:2024/IEC60335-1:2020
540.	Household and Similar Electrical Appliances-Safety General Requirements (7 Revision)	Guidance for the application of this standard to appliances used in tropical climates	Annex P of IS 302-1:2024/IEC60335-1:2020
541.	Household and Similar Electrical Appliances-Safety General Requirements (7 Revision)	Sequence of tests for the evaluation of electronic circuits	Annex Q of IS 302-1:2024/IEC60335-1:2020
542.	Household and Similar Electrical Appliances-Safety General Requirements (7 Revision)	Software evaluation	Annex R of IS 302-1:2024/IEC60335-1:2020
543.	Household and Similar Electrical Appliances-Safety General Requirements (7 Revision)	Guidance for the application of this standard on measurement of power input and current based on the requirements of 10.1 and 10.2 concerning the representative period	Annex S of IS 302-1:2024/IEC60335-1:2020



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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
544.	Household and Similar Electrical Appliances-Safety General Requirements (7 Revision)	UV-C radiation effect on non-metallic materials	Annex T of IS 302-1:2024/IEC60335-1:2020
545.	Household and Similar Electrical Appliances-Safety General Requirements (7 Revision)	Appliances intended for remote communication through public networks	Annex U of IS 302-1:2024/IEC60335-1:2020
546.	Household and Similar Electrical Appliances — Safety Part 2 Particular Requirements Section 21 Storage Water Heaters	General Requirement	Cl. 4 of IS 302 (Part 2/Sec 21): 2024; IEC 60335-2-21: 2022
547.	Household and Similar Electrical Appliances — Safety Part 2 Particular Requirements Section 21 Storage Water Heaters	General Condition for the Test	Cl. 5 of IS 302 (Part 2/Sec 21) : 2024; IEC 60335-2-21 : 2022
548.	Household and Similar Electrical Appliances — Safety Part 2 Particular Requirements Section 21 Storage Water Heaters	Classification	Cl. 6 of IS 302 (Part 2/Sec 21) : 2024; IEC 60335-2-21 : 2022
549.	Household and Similar Electrical Appliances — Safety Part 2 Particular Requirements Section 21 Storage Water Heaters	Marking and Instruction	Cl. 7 of IS 302 (Part 2/Sec 21) : 2024; IEC 60335-2-21 : 2022

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
550.	Household and Similar Electrical Appliances — Safety Part 2 Particular Requirements Section 21 Storage Water Heaters	Protection against electric shock	Cl. 8 of IS 302 (Part 2/Sec 21) : 2024; IEC 60335-2-21 : 2022
551.	Household and Similar Electrical Appliances — Safety Part 2 Particular Requirements Section 21 Storage Water Heaters	Starting for motor operated appliances	Cl. 9 of IS 302 (Part 2/Sec 21) : 2024; IEC 60335-2-21 : 2022
552.	Household and Similar Electrical Appliances — Safety Part 2 Particular Requirements Section 21 Storage Water Heaters	Power Input and current	Cl. 10 of IS 302 (Part 2/Sec 21) : 2024; IEC 60335-2-21 : 2022
553.	Household and Similar Electrical Appliances — Safety Part 2 Particular Requirements Section 21 Storage Water Heaters	Heating/ Temperature Rise Test	Cl. 11 of IS 302 (Part 2/Sec 21) : 2024; IEC 60335-2-21 : 2022
554.	Household and Similar Electrical Appliances — Safety Part 2 Particular Requirements Section 21 Storage Water Heaters	Charging of metal-ion batteries	Cl. 12 of IS 302 (Part 2/Sec 21) : 2024; IEC 60335-2-21 : 2022
555.	Household and Similar Electrical Appliances — Safety Part 2 Particular Requirements Section 21 Storage Water Heaters	Leakage Current and Electric Strength at Operating Temperature	Cl. 13 of IS 302 (Part 2/Sec 21) : 2024; IEC 60335-2-21 : 2022

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
556.	Household and Similar Electrical Appliances — Safety Part 2 Particular Requirements Section 21 Storage Water Heaters	Transient Over voltage	Cl. 14 of IS 302 (Part 2/Sec 21) : 2024; IEC 60335-2-21 : 2022
557.	Household and Similar Electrical Appliances — Safety Part 2 Particular Requirements Section 21 Storage Water Heaters	Moisture resistance	Cl. 15 of IS 302 (Part 2/Sec 21) : 2024; IEC 60335-2-21 : 2022
558.	Household and Similar Electrical Appliances — Safety Part 2 Particular Requirements Section 21 Storage Water Heaters	Leakage current and electric strength	Cl. 16 of IS 302 (Part 2/Sec 21) : 2024; IEC 60335-2-21 : 2022
559.	Household and Similar Electrical Appliances — Safety Part 2 Particular Requirements Section 21 Storage Water Heaters	Overload Protection/ Overload Protection of Transformer and Associated Circuits	Cl. 17 of IS 302 (Part 2/Sec 21) : 2024; IEC 60335-2-21 : 2022
560.	Household and Similar Electrical Appliances — Safety Part 2 Particular Requirements Section 21 Storage Water Heaters	Endurance	Cl. 18 of IS 302 (Part 2/Sec 21) : 2024; IEC 60335-2-21 : 2022
561.	Household and Similar Electrical Appliances — Safety Part 2 Particular Requirements Section 21 Storage Water Heaters	Abnormal Operation	Cl. 19 of IS 302 (Part 2/Sec 21) : 2024; IEC 60335-2-21 : 2022

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
562.	Household and Similar Electrical Appliances — Safety Part 2 Particular Requirements Section 21 Storage Water Heaters	Stability and Mechanical Hazards	Cl. 20 of IS 302 (Part 2/Sec 21) : 2024; IEC 60335-2-21 : 2022
563.	Household and Similar Electrical Appliances — Safety Part 2 Particular Requirements Section 21 Storage Water Heaters	Mechanical strength	Cl. 21 of IS 302 (Part 2/Sec 21) : 2024; IEC 60335-2-21 : 2022
564.	Household and Similar Electrical Appliances — Safety Part 2 Particular Requirements Section 21 Storage Water Heaters	Construction	Cl. 22 of IS 302 (Part 2/Sec 21) : 2024; IEC 60335-2-21 : 2022
565.	Household and Similar Electrical Appliances — Safety Part 2 Particular Requirements Section 21 Storage Water Heaters	Internal Wiring	Cl. 23 of IS 302 (Part 2/Sec 21) : 2024; IEC 60335-2-21 : 2022
566.	Household and Similar Electrical Appliances — Safety Part 2 Particular Requirements Section 21 Storage Water Heaters	Components	Cl. 24 of IS 302 (Part 2/Sec 21) : 2024; IEC 60335-2-21 : 2022
567.	Household and Similar Electrical Appliances — Safety Part 2 Particular Requirements Section 21 Storage Water Heaters	Supply Connection and External Flexible Cords	Cl. 25 of IS 302 (Part 2/Sec 21) : 2024; IEC 60335-2-21 : 2022

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
568.	Household and Similar Electrical Appliances — Safety Part 2 Particular Requirements Section 21 Storage Water Heaters	Terminals for external conductors	Cl. 26 of IS 302 (Part 2/Sec 21) : 2024; IEC 60335-2-21 : 2022
569.	Household and Similar Electrical Appliances — Safety Part 2 Particular Requirements Section 21 Storage Water Heaters	Provision for earthing	Cl. 27 of IS 302 (Part 2/Sec 21) : 2024; IEC 60335-2-21 : 2022
570.	Household and Similar Electrical Appliances — Safety Part 2 Particular Requirements Section 21 Storage Water Heaters	Screws and Connections	Cl. 28 of IS 302 (Part 2/Sec 21) : 2024; IEC 60335-2-21 : 2022
571.	Household and Similar Electrical Appliances — Safety Part 2 Particular Requirements Section 21 Storage Water Heaters	Creepage distance & clearances / Clearances, Creepage distances and solid insulations	Cl. 29 of IS 302 (Part 2/Sec 21) : 2024; IEC 60335-2-21 : 2022
572.	Household and Similar Electrical Appliances — Safety Part 2 Particular Requirements Section 21 Storage Water Heaters	Resistance to Heat and Fire	Cl. 30 of IS 302 (Part 2/Sec 21) : 2024; IEC 60335-2-21 : 2022
573.	Household and Similar Electrical Appliances — Safety Part 2 Particular Requirements Section 21 Storage Water Heaters	Resistance to Rusting	Cl. 31 of IS 302 (Part 2/Sec 21) : 2024 IEC 60335-2-21 : 2022

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
574.	Household and Similar Electrical Appliances — Safety Part 2 Particular Requirements Section 21 Storage Water Heaters Household	Radiation, Toxicity and Similar Hazards	Cl. 32 of IS 302 (Part 2/Sec 21) : 2024 IEC 60335-2-21 : 2022
575.	Household and Similar Electrical Appliances — Safety Part 2 Particular Requirements Section 21 Storage Water Heaters	Routine tests	Annex A IS 302 (Part 2/Sec 21) : 2024; IEC 60335-2-21 : 2022
576.	Household and Similar Electrical Appliances — Safety Part 2 Particular Requirements Section 21 Storage Water Heaters	Software evaluation	Annex R IS 302 (Part 2/Sec 21) : 2024; IEC 60335-2-21 : 2022
577.	Household and Similar Electrical Appliances — Safety Part 2 Particular Requirements Section 21 Storage Water Heaters	Additional requirement for immersion heater units intended for the installation in heat exchange closed water heaters	Annex AA IS 302 (Part 2/Sec 21) : 2024; IEC 60335-2-21 : 2022
578.	Evaporative Air Cooler (Desert Coolers) Specification	Classification	Cl. 4 of 3315:2024
579.	Evaporative Air Cooler (Desert Coolers)	Constructions	Cl. 5 of 3315:2024
580.	Evaporative Air Cooler (Desert Coolers)	Rated requirements	Cl. 6 of 3315:2024

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
581.	Evaporative Air Cooler (Desert Coolers)	Test conditions	Cl. 7 of 3315:2024
582.	Evaporative Air Cooler (Desert Coolers)	Performance requirements	Cl. 8 of 3315:2024
583.	Evaporative Air Cooler (Desert Coolers)	Accuracy of instruments	Cl. 9 of 3315:2024
584.	Evaporative Air Cooler (Desert Coolers)	Test chamber	Cl. 10 of 3315:2024
585.	Evaporative Air Cooler (Desert Coolers)	Calculation of air flow	Cl. 11 of 3315:2024
586.	Evaporative Air Cooler (Desert Coolers)	Test	Cl. 12 of 3315:2024
587.	Evaporative Air Cooler (Desert Coolers)	Additional requirements for ECO-MARK	Cl. 13 of 3315:2024
588.	Evaporative Air Cooler (Desert Coolers)	Storage	Cl. 14 of 3315:2024
589.	Evaporative Air Cooler (Desert Coolers)	Marking and information	Cl. 15 of 3315:2024



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

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Wiring Accessories		
13.		Mechanical Strength (Axial Pull)	Cl.7.4, IS 11037: 2019
14.		Mechanical Strength (Impact test)	Cl.9.5.8, IS 11037: 2019
15.		Mechanical Strength (Scratch)	Cl.9.5.8, IS 11037: 2019
16.		Moisture resistance	Cl.9.5.7, IS 11037: 2019
17.		Performance	Cl.8, IS 11037: 2019
18.		Protection against electric shock	Cl.9.5.6, IS 11037: 2019
19.		Radio and television interference suppression test	Cl.7.6, IS 11037: 2019
20.		Resistance to abnormal heat and to fire	Cl.9.5.12, IS 11037: 2019
21.		Resistance to rusting	Cl.9.5.13, IS 11037: 2019
22.		Temperature rise	Cl.7.3, Cl.9.5.1, IS 11037: 2019
23.		Voltage drops	Cl.7.7, IS 11037: 2019

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

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Lamps, Luminaries & Accessories		
16.			Cl. 11, IS 10322 (Part 5/ Sec 8): 2013
17.		Functional safety	Cl. 17, IS 10322 (Part 5/ Sec 8): 2013
18.			Cl. 22.19, IEC 60598-2-22: 2021
19.		High temperature operation	Cl. 19, IS 10322 (Part 5/ Sec 8): 2013
20.			Cl. 22.15, IEC 60598-2-22: 2021
21.		Insulation resistance and electric strength	Cl. 15, IS 10322 (Part 5/ Sec 8): 2013
22.			Cl. 15, IEC 60598-2-22: 2021
23.		Leakage current testing	Cl. 15, IS 10322 (Part 5/ Sec 8): 2013
24.			Cl. 22.6, IEC 60598-2-22: 2021
25.		Marking	Cl. 6, IS 10322 (Part 5/ Sec 8): 2013
26.			Cl. 12, IS 10322 (Part 5/ Sec 8): 2013
27.		Protection against electric shock	Cl. 22.12, IEC 60598-2-22: 2021
28.			Cl. 22.9, IEC 60598-2-22: 2021
29.		Provision for earthing	Cl. 9, IS 10322 (Part 5/ Sec 8): 2013
30.			Cl. 22.14, IEC 60598-2-22: 2021
31.		Resistance to dust and moisture	Cl. 14, IS 10322 (Part 5/ Sec 8):

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Lamps, Luminaries & Accessories		
			2013
32.			Cl. 22.16, IEC 60598-2-22: 2021
33.		Resistance to heat, fire and tracking	Cl. 16, IS 10322 (Part 5/ Sec 8): 2013
34.		Rest mode and inhibition mode facilities	Cl. 22, IS 10322 (Part 5/ Sec 8): 2013
35.			Cl. 22.21, IEC 60598-2-22: 2021
36.		Test device for emergency operation	Cl. 21, IS 10322 (Part 5/ Sec 8): 2013
37.			Cl. 22.13, IEC 60598-2-22: 2021
38.		Endurance test and thermal test	Cl. 13, IS 10322 (Part 5/ Sec 8): 2013
39.			Cl. 5, IS 10322 (Part 5/Sec 5): 2013
40.		Classification of luminaires	Cl. 5.4, IEC 60598-2-5: 2015
41.			Cl. 5.6, IEC 60598-2-5: 2015
42.	Flood lights	Construction	Cl. 7, IS 10322 (Part 5/Sec 5): 2013
43.			Cl. 5.7, IEC 60598-2-5: 2015
44.		Creepage distance and clearances	Cl. 8, IS 10322 (Part 5/Sec 5): 2013
45.		Endurance test and thermal test	Cl. 13, IS 10322 (Part 5/Sec 5): 2013

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Lamps, Luminaries & Accessories		
46.			Cl. 5.12, IEC 60598-2-5: 2015
47.		External And Internal Wiring	Cl. 11, IS 10322 (Part 5/Sec 5): 2013
48.			Cl. 5.10, IEC 60598-2-5: 2015
49.		Insulation resistance and electric strength	Cl. 15, IS 10322 (Part 5/Sec 5): 2013
50.			
51.		Insulation resistance and electric strength, touch current and protective conductor current	Cl. 5.14, IEC 60598-2-5: 2015
52.			
53.		Marking	Cl. 5.5, IEC 60598-2-5: 2015
54.			Cl. 6, IS 10322 (Part 5/Sec 5): 2013
55.		Protection against electric Shock	Cl. 12, IS 10322 (Part 5/Sec 5): 2013
56.			Cl. 5.11, IEC 60598-2-5: 2015
57.		Provision for earthing	Cl. 5.8, IEC 60598-2-5: 2015
58.			Cl. 9, IS 10322 (Part 5/Sec 5): 2013
59.		Resistance to dust and moisture	Cl. 14, IS 10322 (Part 5/Sec 5): 2013
60.			Cl. 5.13, IEC 60598-2-5: 2015
61.		Resistance to heat, fire and tracking	Cl. 16, IS 10322 (Part 5/Sec 5): 2013
62.			Cl. 5.15, IEC 60598-2-5: 2015
63.		Terminals	Cl. 10, IS 10322 (Part 5/Sec 5): 2013

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	Lamps, Luminaries & Accessories		
64.			Cl. 5.9, IEC 60598-2-5: 2015
65.			Cl. 10, IS 10322 (Part 5/Sec 5): 2013
66.			Cl. 5.9, IEC 60598-2-5: 2015
67.	Fixed general purpose luminaries	Classification of luminaires	Cl. 1.5, IEC 60598-2-1: 2020
68.			Cl. 5, IS 10322 (Part 5/Sec 1): 2012
69.		Construction	Cl. 1.7, IEC 60598-2-1: 2020
70.		Construction	Cl. 7, IS 10322 (Part 5/Sec 1): 2012
71.		Creepage distance and clearances	Cl. 1.8, IEC 60598-2-1: 2020
72.			Cl. 8, IS 10322 (Part 5/Sec 1): 2012
73.		Endurance test and thermal test	Cl. 1.13, IEC 60598-2-1: 2020
74.			Cl. 13, IS 10322 (Part 5/Sec 1): 2012
75.		External and internal wiring	Cl. 1.11, IEC 60598-2-1: 2020
76.			Cl. 11, IS 10322 (Part 5/Sec 1): 2012
77.		Insulation resistance and electric strength	Cl. 1.14, IEC 60598-2-1: 2020
78.		Touch current and protective conductor current	Cl. 1.14, IEC 60598-2-1: 2020

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Lamps, Luminaries & Accessories		
79.		Insulation resistance and electric strength	Cl. 15, IS 10322 (Part 5/Sec 1): 2012
80.		Insulation resistance and electric strength	Cl. 15, IS 10322 (Part 5/Sec 1): 2012
81.		Marking	Cl. 1.6, IEC 60598-2-1: 2020
82.			Cl. 6, IS 10322 (Part 5/Sec 1): 2012
83.		Protection Against Electric Shock	Cl. 1.12, IEC 60598-2-1: 2020
84.			Cl. 12, IS 10322 (Part 5/Sec 1): 2012
85.		Provision for Earthing	Cl. 1.9, IEC 60598-2-1: 2020
86.			Cl. 9, IS 10322 (Part 5/Sec 1): 2012
87.		Resistance to dust, solid objects and moisture	Cl. 1.14, IEC 60598-2-1: 2020
88.		Resistance to dust and moisture	Cl. 14, IS 10322 (Part 5/Sec 1): 2012
89.		Resistance to heat, fire and tracking	Cl. 1.16, IEC 60598-2-1: 2020
90.		Resistance to heat, fire and tracking	Cl. 16, IS 10322 (Part 5/Sec 1): 2012
91.		Terminals	Cl. 1.10, IEC 60598-2-1: 2020
92.		Terminals	Cl. 10, IS 10322 (Part 5/Sec 1): 2012

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Lamps, Luminaries & Accessories		
93.	Luminaries	Creepage distance and clearances	Cl. 11, EN 60598: 2008
94.			Cl. 11, IEC 60598-1: 2020
95.			Cl. 11, IS 10322 (Part 1): 2014
96.		Classification of luminaires	Cl. 2, EN 60598: 2008
97.			Cl. 2, IEC 60598-1: 2020
98.			Cl. 2, IS 10322 (Part 1): 2014
99.		Construction	Cl. 4, EN 60598: 2008
100.			Cl. 4, IEC 60598-1: 2020
101.			Cl. 4, IS 10322 (Part 1): 2014
102.		Endurance test and thermal test	Cl. 12, EN 60598: 2008
103.			Cl. 12, IEC 60598-1: 2020
104.			Cl. 12, IS 10322 (Part 1): 2014
105.			Cl. 12, IS 10322 (Part 1): 2014
106.		External and internal wiring	Cl. 5, EN 60598: 2008
107.			Cl. 5, IEC 60598-1: 2020
108.			Cl. 5, IS 10322 (Part 1): 2014
109.		Insulation resistance and electric strength, touch current and protective conductor current	Cl. 10, EN 60598: 2008
110.			Cl. 10, IEC 60598-1: 2020

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Lamps, Luminaries & Accessories		
111.		Insulation resistance and electric strength	Cl. 10, IS 10322 (Part 1): 2014
112.			
113.			Cl. 3, EN 60598: 2008
114.		Marking	Cl. 3, IEC 60598-1: 2020
115.			Cl. 3, IS 10322 (Part 1): 2014
116.			
117.		Protection against electric shock	Cl. 8, EN 60598: 2008
118.			Cl. 8, IEC 60598-1: 2020
119.			Cl. 8, IS 10322 (Part 1): 2014
120.		Provision for earthing	Cl. 7, EN 60598: 2008
121.			Cl. 7, IEC 60598-1: 2020
122.			Cl. 7, IS 10322 (Part 1): 2014
123.		Resistance to dust, solid objects and moisture	Cl. 9, EN 60598: 2008
124.			Cl. 9, IEC 60598-1: 2020
125.		Resistance to dust, solid objects and moisture	Cl. 9, IS 10322 (Part 1): 2014
126.			
127.		Resistance to heat, fire and Tracking	Cl. 13, EN 60598: 2008
128.			Cl. 13, IEC 60598-1: 2020
129.		Resistance to heat, fire and tracking	Cl. 13, IS 10322 (Part 1): 2014
		Screw terminals	Cl. 14, EN 60598: 2008
			Cl. 14, IEC 60598-1: 2020

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Lamps, Luminaries & Accessories		
130.			Cl. 14, IS 10322 (Part 1): 2014
131.		Screwless terminals and electrical connections	Cl. 15, EN 60598: 2008
132.		Screwless terminals and electrical connections	Cl. 15, IEC 60598-1: 2020
133.		Screwless terminals and electrical connections	Cl. 15, IS 10322 (Part 1): 2014
134.	Hand lamps	Classification of luminaires	Cl. 5, IS 10322 (Part 5/Sec 6): 2013
135.			Cl. 8.5, IEC 60598-2-8: 2013
136.		Construction	Cl. 7, IS 10322 (Part 5/Sec 6): 2013
137.			Cl. 8.7, IEC 60598-2-8: 2013
138.		Creepage distance and clearances	Cl. 8, IS 10322 (Part 5/Sec 6): 2013
			Cl. 8.8, IEC 60598-2-8: 2013
139.		Endurance test and thermal test	Cl. 13, IS 10322 (Part 5/Sec 6): 2013
140.			Cl. 8.13, IEC 60598-2-8: 2013
141.		External and internal wiring	Cl. 8.11, IEC 60598-2-8: 2013
			Cl. 11, IS 10322 (Part 5/Sec 6): 2013
142.		Insulation resistance and electric strength	Cl. 15, IS 10322 (Part 5/Sec 6): 2013
143.			Cl. 8.15, IEC 60598-2-8: 2013
144.			Cl. 15, IS 10322 (Part 5/Sec 6): 2013
145.		Marking	Cl. 6, IS 10322 (Part 5/Sec 6): 2013
146.			Cl. 8.6, IEC 60598-2-8: 2013

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Lamps, Luminaries & Accessories		
147.		Protection against electric shock	Cl. 12, IS 10322 (Part 5/Sec 6): 2013
148.			Cl. 8.12, IEC 60598-2-8: 2013
149.			Cl. 8.9, IEC 60598-2-8: 2013
150.		Provision for earthing	Cl. 9, IS 10322 (Part 5/Sec 6): 2013
151.			Cl. 9, IS 10322 (Part 5/Sec 6): 2013
152.			Cl. 8.9, IEC 60598-2-8: 2013
153.		Resistance to dust, solid objects and moisture	Cl. 14, IS 10322 (Part 5/Sec 6): 2013
154.			Cl. 8.14, IEC 60598-2-8: 2013
155.		Resistance to heat, fire and tracking	Cl. 16, IS 10322 (Part 5/Sec 6): 2013
156.			Cl. 8.16, IEC 60598-2-8: 2013
157.		Terminals	Cl. 10, IS 10322 (Part 5/Sec 6): 2013
158.			Cl. 8.10, IEC 60598-2-8: 2013
159.			Cl. 10, IS 10322 (Part 5/Sec 6): 2013
160.			Cl. 8.10, IEC 60598-2-8: 2013
161.		External and Internal Wiring	Cl. 11, IS 10322 (Part 5/Sec 6): 2013
			Cl. 8.11, IEC 60598-2-8: 2013
162.	LED modules for general lighting-safety	Classification	Cl. 6, IS 16103-1: 2012
163.		Conformity testing during manufacture	Cl.14, IS 16103-1: 2012
164.			Cl. 13, IEC 62031: 2018

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Lamps, Luminaries & Accessories		
165.		Construction	Cl. 14, IEC 62031: 2018
166.			Cl.15, IS 16103-1: 2012
167.		Creepage distances and clearances	Cl. 15, IEC 62031: 2018
168.			Cl.16, IS 16103-1: 2012
169.		Electric Strength	Cl. 11, IEC 62031: 2018
170.			Cl. 12, IS 16103-1: 2012
171.		Fault Conditions	Cl. 12, IEC 62031: 2018
172.			Cl.13, IS 16103-1: 2012
173.		General Test requirements	Cl. 5, IS 16103-1: 2012
174.		General Test requirements	Cl. 5, IEC 62031: 2018
175.		Marking	Cl. 6, IEC 62031: 2018
176.		Marking	Cl. 7, IS 16103-1: 2012
177.		Moisture Resistance and Insulation	Cl. 10, IEC 62031: 2018
178.			Cl.11, IS 16103-1: 2012
179.		Protection against accidental Contact with live parts	Cl. 9, IEC 62031: 2018
180.			Cl.10, IS 16103-1: 2012
181.		Earthing	Cl. 8, IEC 62031: 2018
182.		Provisions for protective earthing	Cl.9, IS 16103-1: 2012

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Lamps, Luminaries & Accessories		
183.		Resistance to Corrosion	Cl. 18, IEC 62031: 2018
184.			Cl. 19, IS 16103-1: 2012
185.		Resistance to Heat, Fire and Tracking	Cl. 17, IEC 62031: 2018
186.			Cl. 18, IS 16103-1: 2012
187.		Screws, current-carrying parts and connections	Cl. 16, IEC 62031: 2018
188.			Cl. 17, IS 16103-1: 2012
189.		Terminals	Cl. 7, IEC 62031: 2018
190.		Terminals	Cl. 8, IS 16103-1: 2012
191.	Lighting chains	Classification of luminaires	Cl. 20.5, IEC 60598-2-20: 2014
192.			Cl. 20.5, IS 10322 (Part 5/Sec 7): 2017
193.		Construction	Cl. 20.7, IEC 60598-2-20: 2014
194.			Cl. 20.7, IS 10322 (Part 5/Sec 7): 2017
195.		Creepage Distance and Clearance	Cl. 20.8, IEC 60598-2-20: 2014
196.			Cl. 20.8, IS 10322 (Part 5/Sec 7): 2017
197.		Endurance Test and Thermal Test	Cl. 20.13, IEC 60598-2-20: 2014
198.			Cl. 20.13, IS 10322 (Part 5/Sec 7): 2017

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Lamps, Luminaries & Accessories		
199.		External and Internal Wiring	Cl. 20.11, IEC 60598-2-20: 2014
200.			Cl. 20.11, IS 10322 (Part 5/Sec 7): 2017
201.		Insulation Resistance and Electric Strength	Cl. 20.15, IEC 60598-2-20: 2014
202.			Cl. 20.15, IEC 60598-2-20: 2014
203.		Insulation Resistance and Electric Strength	Cl. 20.15, IS 10322 (Part 5/Sec 7): 2017
204.			Cl. 20.15, IS 10322 (Part 5/Sec 7): 2017
205.		Marking	Cl. 20.6, IEC 60598-2-20: 2014
206.			Cl. 20.6, IS 10322 (Part 5/Sec 7): 2017
207.		Protection Against Electric Shock	Cl. 20.12, IEC 60598-2-20: 2014
208.			Cl. 20.12, IS 10322 (Part 5/Sec 7): 2017
209.		Provision for Earthing	Cl. 20.9, IEC 60598-2-20: 2014
210.			Cl. 20.9, IS 10322 (Part 5/Sec 7): 2017
211.		Resistance to Dust, Solid Objects and moisture	Cl. 20.14, IEC 60598-2-20: 2014
212.			Cl. 20.14, IS 10322 (Part 5/Sec 7): 2017
213.			

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Lamps, Luminaries & Accessories		
214.		Resistance to heat, fire and tracking	Cl. 20.16, IEC 60598-2-20: 2014
215.			Cl. 20.16, IS 10322 (Part 5/Sec 7): 2017
216.		Terminals	Cl. 20.10, IEC 60598-2-20: 2014
217.			Cl. 20.10, IS 10322 (Part 5/Sec 7): 2017
218.			Cl. 20.10, IEC 60598-2-20: 2014
219.			Cl. 20.10, IS 10322 (Part 5/Sec 7): 2017
220.	Rope lights	Construction	Cl. 21.7, IEC 60598-2- 21: 2014
221.		Construction	Cl. 21.7, IS 10322-5- 9: 2017
222.		Creeper distances and clearance	Cl. 21.8, IEC 60598-2- 21: 2014
223.			Cl. 21.8, IS 10322-5- 9: 2017
224.		Endurance and thermal test	Cl. 21.13, IEC 60598-2- 21: 2014
225.			Cl. 21.13, IS 10322-5- 9: 2017
226.		External and Internal wiring	Cl. 21.11, IEC 60598-2- 21: 2014
227.			Cl. 21.11, IS 10322-5- 9: 2017
228.		Insulation resistance and electric strength	Cl. 21.15, IEC 60598-2- 21: 2014
229.			Cl. 21.15, IS 10322-5- 9: 2017

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Lamps, Luminaries & Accessories		
230.		Marking	Cl. 21.6, IEC 60598-2- 21: 2014
231.			Cl. 21.6, IS 10322-5- 9: 2017
232.		Protection against electric shock	Cl. 21.12, IEC 60598-2- 21: 2014
233.			Cl. 21.12, IS 10322-5- 9: 2017
234.		Resistance to dust, solid objects and moisture	Cl. 21.14, IEC 60598-2- 21: 2014
235.			Cl. 21.14, IS 10322-5- 9: 2017
236.		Resistance to Heat, Fire and Tracking	Cl. 21.16, IEC 60598-2- 21: 2014
237.			Cl. 21.16, IS 10322-5- 9: 2017
238.		Terminals	Cl. 21.10, IEC 60598-2- 21: 2014
239.			Cl. 21.10, IS 10322-5- 9: 2017
240.	Safety of lamp control gear	Classification	Cl. 6, IEC 61347-1: 2017
241.			Cl. 6, IS 15885 (Part 1): 2011
242.		Construction	Cl. 15, IEC 61347-1: 2017
243.			Cl. 15, IS 15885 (Part 1): 2011
244.		Creepage distances and	Cl. 16, IEC 61347-1: 2017

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Lamps, Luminaries & Accessories		
245.		clearance	Cl. 16, IS 15885 (Part 1): 2011
246.		Electric strength	Cl. 12, IEC 61347-1: 2017
247.			Cl. 12, IS 15885 (Part 1): 2011
248.		Fault Conditions	Cl. 14, IEC 61347-1: 2017
249.			Cl. 14, IS 15885 (Part 1): 2011
250.		Marking	Cl. 7, IEC 61347-1: 2017
251.			Cl. 7, IS 15885 (Part 1): 2011
252.		Moisture Resistance and Insulation	Cl. 11, IEC 61347-1: 2017
253.		Moisture Resistance and Insulation	Cl. 11, IEC 61347-1: 2017
254.			Cl. 11, IS 15885 (Part 1): 2011
255.		Protection Against Accidental Contact with Live Parts	Cl. 10, IEC 61347-1: 2017
256.			Cl. 10, IS 15885 (Part 1): 2011
257.		Provision for Protective Earthing	Cl. 9, IEC 61347-1: 2017
258.			Cl. 9, IS 15885 (Part 1): 2011

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Lamps, Luminaries & Accessories		
259.		Resistance to Corrosion	Cl. 19, IEC 61347-1: 2017
260.			Cl. 19, IS 15885 (Part 1): 2011
261.		Resistance to Heat, Fire and Tracking	Cl. 18, IEC 61347-1: 2017
262.			Cl. 18, IS 15885 (Part 1): 2011
263.		Terminals	Cl. 8, IEC 61347-1: 2017
264.			Cl. 8, IEC 61347-1: 2017
265.			Cl. 8, IS 15885 (Part 1): 2011
266.			Cl. 8, IS 15885 (Part 1): 2011
267.		Screws, Current Carrying Parts and Connections	Cl. 17, IEC 61347-1: 2017
268.			Cl. 17, IS 15885 (Part 1): 2011
269.	Safety of lamp control gear - D.C. or A.C. supplied electronic control gear for LED module	Thermal endurance test for winding of ballasts	Cl. 13, IEC 61347-1: 2017
270.		Thermal endurance test for winding of ballasts	Cl. 13, IS 15885 (Part 1): 2011
271.		Construction	Cl. 16, IS 15885 (Part 2/Sec 13): 2012
272.		Creepage distances and clearances	Cl. 17, IS 15885 (Part 2/Sec 13): 2012
273.		Fault Conditions	Cl. 14, IS 15885 (Part 2/Sec 13): 2012

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Lamps, Luminaries & Accessories		
274.		Moisture resistance and insulation	Cl. 11, IS 15885 (Part 2/Sec 13): 2012
275.		Protection against accidental contact with live parts	Cl. 8, IS 15885 (Part 2/Sec 13): 2012
276.		Provisions for protective earthing	Cl. 10, IS 15885 (Part 2/Sec 13): 2012
277.		Terminals	Cl. 9, IS 15885 (Part 2/Sec 13): 2012
278.		Transformer heating	Cl. 15, IS 15885 (Part 2/Sec 13): 2012
279.		Safety of lamp control gear- D.C. or A.C. supplied electronic control gear for LED module electric Strength	Cl. 12, IS 15885 (Part 2/Sec 13): 2012
280.		Resistance to corrosion	Cl. 20, IS 15885 (Part 2/Sec 13): 2012
281.		Resistance to heat, fire and tracking	Cl. 19, IS 15885 (Part 2/Sec 13): 2012
282.		Screws, current- carrying parts and connection	Cl. 18, IS 15885 (Part 2/Sec 13): 2012
283.		Marking	Cl. 7, IS 15885 (Part 2/Sec 13): 2012
284.		Classification	Cl. 6, IS 15885 (Part 2/Sec 13): 2012
285.		Thermal endurance test for	Cl. 13, IS 15885 (Part 2/Sec 13): 2012

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Lamps, Luminaries & Accessories		
		winding of ballasts	
286.		Construction	Cl. 16, IEC 61347-2-13: 2016
287.		Creepage distances and clearances	Cl. 17, IEC 61347-2-13: 2016
288.		Electric strength	Cl. 12, IEC 61347-2-13: 2016
289.		Fault conditions	Cl. 14, IEC 61347-2-13: 2016
290.		Moisture resistance and insulation	Cl. 11, IEC 61347-2-13: 2016
291.		Protection against accidental contact with five parts	Cl. 8, IEC 61347-2-13: 2016
292.		Provisions for protective earthing	Cl. 10, IEC 61347-2-13: 2016
293.		Resistance to corrosion	Cl. 20, IEC 61347-2-13: 2016
294.		Resistance to heat, fire and tracking	Cl. 19, IEC 61347-2-13: 2016
295.		Resistance to heat, fire and tracking	Cl. 19, IEC 61347-2-13: 2016
296.		Screws, current-carrying parts and connection	Cl. 18, IEC 61347-2-13: 2014
297.		Terminals	Cl. 9, IEC 61347-2-13: 2016
298.		Thermal endurance test for winding of ballasts	Cl. 13, IEC 61347-2-13: 2016
299.		Transformer heating	Cl. 15, IEC 61347-2-13: 2016

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	Lamps, Luminaries & Accessories		
300.	Self-Ballasted LED Lamps for general lighting services	Classification	Cl. 6, IEC 61347-2-13: 2016
301.		Marking	Cl. 7, IEC 61347-2-13: 2016
302.		CAP temperature rise	Cl. 10, IS 16102 (Part 1): 2012
303.		Creepage distances and	Cl. 14, IS 16102 (Part 1): 2012
304.		Fault condition	Cl. 13, IS 16102 (Part 1): 2012
305.		Insulation resistance and electric strength after the humidity treatment	Cl. 8, IS 16102 (Part 1): 2012
306.		Interchangeability	Cl. 6, IS 16102 (Part 1): 2012
307.		Marking	Cl. 5, IS 16102 (Part 1): 2012
308.		Mechanical strength	Cl. 9, IS 16102 (Part 1): 2012
309.		Protection against accidental contacts with live parts	Cl. 7, IS 16102 (Part 1): 2012
310.		Resistance to flame and ignition	Cl. 12, IS 16102 (Part 1): 2012
311.		Resistance to heat	Cl. 11, IS 16102 (Part 1): 2012
312.	Portable general-purpose luminaries	Classification of luminaires	Cl. 4, IS 10322 (Part 5/Sec 4): 1987
313.			Cl. 4.5, IEC 60598-2-4: 2017
314.		Construction	Cl. 4.7, IEC 60598-2-4: 2017
315.			Cl. 6, IS 10322 (Part 5/Sec 4): 1987

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Lamps, Luminaries & Accessories		
316.		Creepage distance and clearances	Cl. 7, IS 10322 (Part 5/Sec 4): 1987
317.			Cl. 4.8, IEC 60598-2-4: 2017
318.		Endurance test and terminal test	Cl. 4.13, IEC 60598-2-4: 2017
319.			Cl. 13.4, IS 10322 (Part 5/Sec 4): 1987
320.		Endurance test and thermal test	Cl. 13.4, IS 10322 (Part 5/Sec 4): 1987
321.		External and Internal wiring	Cl. 10, IS 10322 (Part 5/Sec 4): 1987
322.			Cl. 4.11, IEC 60598-2-4: 2017
323.		Insulation resistance and electric strength	Cl. 13.6, IS 10322 (Part 5/Sec 4): 1987
324.			Cl. 4.15, IEC 60598-2-4: 2017
325.		Marking	Cl. 4.6, IEC 60598-2-4: 2017
326.			Cl. 5, IS 10322 (Part 5/Sec 4): 1987
327.		Mechanical strength	Cl. 13.3, IS 10322 (Part 5/Sec 4): 1987
328.		Protection against electric Shock	Cl. 11, IS 10322 (Part 5/Sec 4): 1987
329.			Cl. 4.12, IEC 60598-2-4: 2017
330.		Provision for earthing	Cl. 4.9, IEC 60598-2-4: 2017

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Lamps, Luminaries & Accessories		
331.		Provision for earthing	Cl. 8, IS 10322 (Part 5/Sec 4): 1987
332.		Resistance to dust and moisture	Cl. 13.5, IS 10322 (Part 5/Sec 4): 1987
333.			Cl. 4.14, IEC 60598-2-4: 2017
334.		Resistance to heat, fire and tracking	Cl. 13.7, IS 10322 (Part 5/Sec 4): 1987
335.			Cl. 4.16, IEC 60598-2-4: 2017
336.		Terminals	Cl. 4.10, IEC 60598-2-4: 2017
337.			Cl. 9, IS 10322 (Part 5/Sec 4): 1987
338.		Terminals	Cl. 9, IS 10322 (Part 5/Sec 4): 1987
339.		Visual examination	Cl. 13.2, IS 10322 (Part 5/Sec 4): 1987
340.	Recessed luminaries	Protection against electric shock	Cl. 12, IS 10322 (Part 5/Sec 2): 2012
341.		Classification of luminaires	Cl. 2.5, IEC 60598-2-2: 2011
342.			Cl. 5, IS 10322 (Part 5/Sec 2): 2012
343.		Construction	Cl. 2.7, IEC 60598-2-2: 2011
344.			Cl. 7, IS 10322 (Part 5/Sec 2): 2012
345.			Cl. 7, IS 10322 (Part 5/Sec 2): 2012

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

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

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	Lamps, Luminaries & Accessories		
376.			Cl. 7, IS 10322 (Part 5/Sec 3): 2012
377.		Creepage distance and clearance	Cl. 3.7, IEC 60598-2-3: 2002
378.			Cl. 8, IS 10322 (Part 5/Sec 3): 2012
379.		Endurance test and thermal test	Cl. 13, IS 10322 (Part 5/Sec 3): 2012
380.			Cl. 3.12, IEC 60598-2-3: 2002
381.			Cl. 13, IS 10322 (Part 5/Sec 3): 2012
382.		External and Internal wiring	Cl. 11, IS 10322 (Part 5/Sec 3): 2012
383.			Cl. 3.10, IEC 60598-2-3: 2002
384.		Insulation resistance and electric strength	Cl. 15, IS 10322 (Part 5/Sec 3): 2012
385.		Insulation resistance and electric strength	Cl. 15, IS 10322 (Part 5/Sec 3): 2012
386.		Insulation resistance and electric strength, touch current and protective conductor current	Cl. 3.14, IEC 60598-2-3: 2002
387.			Cl. 3.14, IEC 60598-2-3: 2002
388.		Marking	Cl. 3.5, IEC 60598-2-3: 2002
389.			Cl. 6, IS 10322 (Part 5/Sec 3): 2012
390.		Protection against electric	Cl. 12, IS 10322 (Part 5/Sec 3): 2012

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Lamps, Luminaries & Accessories		
391.		shock	Cl. 3.11, IEC 60598-2-3: 2002
392.		Provision for earthing	Cl. 3.8, IEC 60598-2-3: 2002
393.			Cl. 9, IS 10322 (Part 5/Sec 3): 2012
394.			Cl. 3.8, IEC 60598-2-3: 2002
395.			Cl. 9, IS 10322 (Part 5/Sec 3): 2012
396.		Resistance to dust and moisture	Cl. 14, IS 10322 (Part 5/Sec 3): 2012
397.			Cl. 3.13, IEC 60598-2-3: 2002
398.		Resistance to heat, fire and tracking	Cl. 16, IS 10322 (Part 5/Sec 3): 2012
399.			Cl. 3.15, IEC 60598-2-3: 2002
400.		Terminals	Cl. 10, IS 10322 (Part 5/Sec 3): 2012
401.			Cl. 3.9, IEC 60598-2-3: 2002
402.			Cl. 10, IS 10322 (Part 5/Sec 3): 2012
403.			Cl. 3.9, IEC 60598-2-3: 2002
404.		Screwless terminals and electrical connection	Cl. 3.9, IEC 60598-2-3: 2002
405.	Lighting chains	Classification of luminaires	Cl.20.5, IEC 60598-2-20: 2022
406.	Lighting chains	Construction	Cl.20.7, IEC 60598-2-20: 2022

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Lamps, Luminaries & Accessories		
407.	Lighting chains	Creepage distance and clearance	Cl.20.8, IEC 60598-2-20: 2022
408.	Lighting chains	Endurance test and thermal test	Cl.20.13, IEC 60598-2-20: 2022
409.	Lighting chains	External and internal wiring	Cl.20.11, IEC 60598-2-20: 2022
410.	Lighting chains	Insulation resistance and electric strength	Cl.20.15, IEC 60598-2-20: 2022
411.	Lighting chains	Marking	Cl.20.6, IEC 60598-2-20: 2022
412.	Lighting chains	Protection against electric shock	Cl.20.12, IEC 60598-2-20: 2022
413.	Lighting chains	Provision for earthing	Cl.20.9, IEC 60598-2-20: 2022
414.	Lighting chains	Resistance to dust, solid objects and moisture	Cl.20.14, IEC 60598-2-20: 2022
415.	Lighting chains	Resistance to heat, fire and tracking	Cl.20.16, IEC 60598-2-20: 2022
416.	Lighting Chains	Terminals	Cl.20.10, IEC 60598-2-20: 2022
417.	Recessed luminaries	Classification of luminaires	Cl.2.5, IEC 60598-2-2: 2023
418.	Recessed luminaries	Construction	Cl.2.7, IEC 60598-2-2: 2023
419.	Recessed luminaries	Creepage distance and clearances	Cl.2.8, IEC 60598-2-2: 2023
420.	Recessed luminaries	Endurance test and thermal test	Cl.2.13, IEC 60598-2-2: 2023
421.	Recessed luminaries	External and internal wiring	Cl.2.11, IEC 60598-2-2: 2023

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Lamps, Luminaries & Accessories		
422.	Recessed luminaries	Insulation resistance and electric strength, touch current and protective conductor current	Cl.2.15, IEC 60598-2-2: 2023
423.	Recessed luminaries	Marking	Cl.2.6, IEC 60598-2-2: 2023
424.	Recessed luminaries	Protection against electric shock	Cl.2.12, IEC 60598-2-2: 2023
425.	Recessed luminaries	Provision for earthing	Cl.2.9, IEC 60598-2-2: 2023
426.	Recessed luminaries	Resistance to dust and moisture	Cl.2.14, IEC 60598-2-2: 2023
427.	Recessed Luminaries	Resistance to heat, fire and tracking	Cl.2.16, IEC 60598-2-2: 2023
428.	Recessed luminaries	Terminals	Cl.2.10, IEC 60598-2-2: 2023



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



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



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	Safety Testing Facility		
26.		Overload protection of transformer and associated circuits	Cl.17, IEC 60335-2-15:2012 +A1+A2
27.		Power input and current	Cl.10 of IS 302-2-15:2009
28.		Power Input and current	Cl.10 of IS 302-2-15:2009
29.		Power Input and current	Cl.10 of IS 302-2-15:2009
30.		Power Input and current	Cl.10, IEC 60335-2-15:2012 +A1+A2
31.		Power Input and current	Cl.10, IEC 60335-2-15:2012 +A1+A2
32.		Power Input and current	Cl.10, IEC 60335-2-15:2012 +A1+A2
33.		Protection against access to live parts	Cl.8 of IS 302-2-15:2009
34.		Protection against access to live parts	Cl. 8 of IEC 60335-2-15:2012 +A1+A2
35.		Provision for earthing	Cl.27 of IS 302-2-15:2009
36.		Provision for earthing	Cl.27, IEC 60335-2-15:2012 +A1+A2
37.		Radiation, toxicity and similar hazards	Cl.32 of IS 302-2-15:2009
38.		Radiation, toxicity and similar	Cl.32, IEC 60335-2-15:2012 +A1+A2

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	Safety Testing Facility		
		hazards	
39.		Resistance to heat and fire	Cl.30 of IS 302-2-15:2009
40.		Resistance to heat and fire	Cl.30 of IS 302-2-15:2009
41.		Resistance to heat and fire	Cl.30, IEC 60335-2-15:2012+A1+A2
42.		Resistance to heat and fire	Cl.30, IEC 60335-2-15:2012+A1+A2
43.		Test for harmonic distortion	Cl. 17, IS 374:2019 AMD 1: 2022
44.		Resistance to rusting	Cl.31 of IS 302-2-15:2009
45.		Resistance to rusting	Cl.31, IEC 60335-2-15:2012+ A1+A2
46.		Screws and connections	Cl.28 of IS 302-2-15:2009
47.		Screws and connections	Cl.28, IEC 60335-2-15:2012 +A1+A2
48.		Stability and mechanical hazards	Cl.20 of IS 302-2-15:2009
49.		Stability and mechanical hazards	Cl.20, IEC 60335-2-15:2012+ A1+A2
50.		Supply connection and external flexible cords	Cl.25 of IS 302-2-15:2009
51.		Supply connection and external flexible cords	Cl.25 of IS 302-2-15:2009
52.		Supply connection and external flexible cords	Cl.25, IEC 60335-2-15:2012 +A1 +A2

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
53.		Supply connection and external flexible cords	Cl.25, IEC 60335-2-15:2012 +A1+A2
54.		Terminal for external conductor	Cl.26 of IS 302-2-15:2009
55.		Terminal for external conductor	Cl.26, IEC 60335-2-15:2012+ A1+A2
56.		Transient over voltage	Cl.14 of IS 302-2-15:2009
57.		Transient over voltage	Cl.14, IEC 60335-2-15:2012 +A1+A2
58.	Cooking ranges, Hobs, Ovens and similar appliances	Abnormal operation	Cl.19 of IS 302-2-6:2009
59.		Abnormal operation	Cl.19, IEC 60335-2-6:2014+A1
60.		Clearances, creepage distances and solid insulation	Cl.29 of IS 302-2-6:2009
61.		Clearances, creepage distances and solid insulation	Cl.29, IEC 60335-2-6:2014+A1
62.		Components	Cl.24 of IS 302-2-6:2009
63.		Components	Cl.24, IEC 60335-2-6:2014+A1
64.		Construction	Cl.22 of IS 302-2-6:2009
65.		Construction	Cl.22, IEC 60335-2-6:2014+A1
66.		Heating	Cl.11 of IS 302-2-6:2009
67.		Heating	Cl.11 of IS 302-2-6:2009
68.		Heating	Cl.11, IEC 60335-2-6:2014+A1

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	Safety Testing Facility		
69.		Heating	Cl.11, IEC 60335-2-6:2014+A1
70.		Internal wiring	Cl.23 of IS 302-2-6:2009
71.		Internal wiring	Cl.23, IEC 60335-2-6:2014+A1
72.		Leakage current and electric strength	Cl.16 of IS 302-2-6:2009
73.		Leakage current and electric strength	Cl.16, IEC 60335-2-6:2014+A1
74.		Leakage current and electric strength	Cl.13 of IS 302-2-6:2009
75.		Leakage current and electric strength	Cl.13, IEC 60335-2-6:2014+A1
76.		Marking and instructions	Cl.7 of IS 302-2-6:2009
77.		Marking and instructions	Cl.7 of IEC 60335-2-6:2014+A1
78.		Mechanical strength	Cl.21 of IS 302-2-6:2009
79.		Mechanical strength	Cl.21, IEC 60335-2-6:2014+A1
80.		Moisture resistance	Cl.15 of IS 302-2-6:2009
81.		Moisture resistance	Cl.15, IEC 60335-2-6:2014+A1
82.		Overload protection of transformer and associated circuits	Cl. 17 of IS 302-2-6:2009
83.		Overload protection of transformer and associated	Cl.17, IEC60335-2-6:2014+A1

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
		circuits	
84.		Power input and current	Cl.10 of IS 302-2-6:2009
85.		Power input and current	Cl.10 of IS 302-2-6:2009
86.		Power input and current	Cl.10 of IS 302-2-6:2009
87.		Power input and current	Cl.10, IEC 60335-2-6:2014+A1
88.		Power input and current	Cl.10, IEC 60335-2-6:2014+A1
89.		Power input and current	Cl.10, IEC 60335-2-6:2014+A1
90.		Protection against access to live Parts	Cl.8 of IS 302-2-6:2009
91.		Protection against access to live Parts	Cl.8, IEC 60335-2-6:2014+A1
92.		Provision for earthing	Cl.27 of IS302-2-6:2009
93.		Provision for earthing	Cl.27, IEC 60335-2-6:2014+A1
94.		Radiation, toxicity and similar hazards	Cl.32 of IS 302-2-6:2009
95.		Radiation, toxicity and similar hazards	Cl.32, IEC 60335-2-6:2014+A1
96.		Resistance to heat and fire	Cl.30 of IS 302-2-6:2009
97.		Resistance to heat and fire	Cl.30 of IS 302-2-6:2009
98.		Resistance to heat and fire	Cl.30, IEC 60335-2-6:2014+A1
99.		Resistance to heat and fire	Cl.30, IEC 60335-2-6:2014+A1

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
100.		Resistance to rusting	Cl.31 of IS 302-2-6:2009
101.		Resistance to rusting	Cl.31, IEC 60335-2-6:2014+A1
102.		Screws and connections	Cl.28 of IS 302-2-6:2009
103.		Screws and connections	Cl.28, IEC 60335-2-6:2014+A1
104.		Stability and mechanical hazards	Cl.20 of IS 302-2-6:2009
105.		Stability and mechanical hazards	Cl.20, IEC 60335-2-6:2014+A1
106.		Supply connection and external flexible cords	Cl.25 of IS 302-2-6:2009
107.		Supply connection and external flexible cords	Cl.25 of IS 302-2-6:2009
108.		Supply connection and external flexible cords	Cl.25, IEC 60335-2-6:2014+A1
109.		Supply connection and external flexible cords	Cl.25, IEC 60335-2-6:2014+A1
110.		Terminal for external conductor	Cl.26 of IS 302-2-6:2009
111.		Terminal for external conductor	Cl.26, IEC 60335-2-6:2014+A1
112.		Transient over voltage	Cl.14 of IS 302-2-6:2009
113.		Transient over voltage	Cl.14, IEC 60335-2-6:2014+A1
114.		Clearances, creepage distances and solid insulation	Cl.29 of IS 302-2-6:2009

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
115.		Clearances, creepage distances and solid insulation	Cl.29, IEC 60335-2-6:2014+A1
116.		Abnormal operation	Cl.19, IEC 60335-2-7:2019
117.		Abnormal operation	Cl.19, IS 302-2-7:2010
118.		Ageing test for elastomeric parts	Annex BB, IEC 60335-2-7; IS 3400-6:2018
119.		Ageing test for elastomeric parts	Annex BB, IS 302-2-7; IS 3400-6:2018
120.		Components	Cl.24 of IS 302-2-7:2010
121.		Components	Cl.24, IEC 60335-2-7:2019
122.		Construction	Cl.22, IEC 60335-2-7:2019
123.	Domestic electric clothes washing machines	Construction	Cl.22, IS 302-2-7:2010
124.		Creepage distances, clearances and solid insulation	Cl.29, IEC 60335-2-7:2019
125.		Creepage distances, clearances and solid insulation	Cl.29, IS 302-2-7:2010
126.		Heating	Cl.11, IEC 60335-2-7:2019
127.		Heating	Cl.11, IS 302-2-7:2010
128.		Input and current (Current)	Cl.10, IEC 60335-2-7:2019
129.		Input and current (Current)	Cl.10, IS 302-2-7:2010
130.		Input and current (Input)	Cl.10, IEC 60335-2-7:2019
131.		Input and current (Input)	Cl.10, IS 302-2-7:2010

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
132.		Internal wiring	Cl.23, IEC 60335-2-7:2019
133.		Internal wiring	Cl.23, IS 302-2-7:2010
134.		Leakage current and electric strength after humidity	Cl.16, IEC 60335-2-7:2019
135.		Leakage current and electric strength after humidity	Cl.16, IS 302-2-7:2010
136.		Leakage current and electric strength after humidity	Cl.13, IEC 60335-2-7:2019
137.		Leakage current and electric strength after humidity	Cl.13, IS 302-2-7:2010
138.		Marking/Marking and instructions	Cl.7 of IS 302-2-7:2010
139.		Marking/Marking and instructions	Cl.7, IEC 60335-2-7:2019
140.		Mechanical strength	Cl.21, IEC 60335-2-7:2019
141.		Mechanical Strength	Cl.21, IS 302-2-7:2010
142.		Moisture resistance	Cl.15, IEC 60335-2-7:2019
143.		Moisture resistance	Cl.15, IS 302-2-7:2010
144.		Overload protection of transformer and associated circuits	Cl.17 of IS 302-2-7:2010
145.		Overload protection of transformer and associated circuits	Cl.17, IEC 60335-2-7:2019

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
146.		Protection against access to live parts	Cl.8, IEC 60335-2-7:2019
147.		Protection against access to live parts	Cl.8, IS 302-2-7:2010
148.		Provision For earthing	Cl.27, IEC 60335-2-7:2019
149.		Provision For earthing	Cl.27, IS 302-2-7:2010
150.		Radiation, toxicity and similar Hazards	Cl.32, IEC 60335-2-7:2019
151.		Radiation, toxicity and similar Hazards	Cl.32, IS 302-2-7:2010
152.		Resistance to heat and fire	Cl.30, IEC 60335-2-7:2019
153.		Resistance to heat and fire	Cl.30, IS 302-2-7:2010
154.		Resistance to rusting	Cl.31, IEC 60335-2-7:2019
155.		Resistance to rusting	Cl.31, IS 302-2-7:2010
156.		Screws and connections	Cl.28, IEC 60335-2-7:2019
157.		Screws and connections	Cl.28, IS 302-2-7:2010
158.		Stability and mechanical hazards	Cl.20 of IS 302-2-7:2010
159.		Stability and mechanical hazards	Cl.20, IEC 60335-2-7:2019
160.		Supply connection and external flexible cords	Cl.25, IEC 60335-2-7:2019
161.		Supply connection and external flexible cords	Cl.25, IS 302-2-7:2010

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
162.	Electric immersion water heater	Terminals for external conductors	Cl.26, IEC 60335-2-7:2019
163.		Terminals for external conductors	Cl.26, IS 302-2-7:2010
164.		Transient over voltage	Cl.14, IEC 60335-2-7:2019
165.		Transient over voltage	Cl.14, IS 302-2-7:2010
166.		Abnormal operation	Cl.19 of IS 302-2-201:2008+A1
167.		Abnormal Operation	Cl.19, IEC 60335-2-74: 2002
168.		Clearances, creepage distances and solid insulation	Cl.29 of IS 302-2-201:2008+A1
169.		Clearances, creepage distances and solid insulation	Cl.29 of IS 302-2-201:2008+A1
170.		Clearances, creepage distances and solid insulation	Cl.29, IEC 60335-2-74: 2002
171.		Clearances, creepage distances and solid insulation	Cl.29, IEC 60335-2-74: 2002
172.		Components	Cl.24, IEC 60335-2-74: 2002
173.		Components	Cl.24 of IS 302-2-201:2008+A1
174.		Construction	Cl.22 of IS 302-2-201: 2008+A1
175.		Construction	Cl.22, IEC 60335-2-74: 2002
176.		Heating	Cl.11 of IS 302-2-201: 2008+A1
177.		Heating	Cl.11, IEC 60335-2-74: 2002
178.		Internal wiring	Cl.23 of IS 302-2-201: 2008+A1

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
179.		Internal wiring	Cl.23, IEC 60335-2-74: 2002
180.		Leakage current and electric strength	Cl.16 of IS 302-2-201: 2008+A1
181.		Leakage current and electric strength	Cl.16, IEC 60335-2-74:2002
182.		Leakage current and electric strength at operating temperature	Cl.13 of IS 302-2-201:2008+A1
183.		Leakage current and electric strength at operating temperature	Cl.13, IEC 60335-2-74:2002
184.		Marking and instructions	Cl.7 of IS 302-2-201:2008+A1
185.		Marking and instructions	Cl.7, IEC 60335-2-74:2002
186.		Mechanical strength	Cl.21 of IS 302-2-201:2008+A1
187.		Mechanical strength	Cl.21, IEC 60335-2-74:2002
188.		Moisture resistance	Cl.15 of IS 302-2-201:2008+A1
189.		Moisture resistance	Cl.15, IEC 60335-2-74:2002
190.		Overload protection of transformer and associated circuits	Cl.17 of IS 302-2-201:2008+A1
191.		Overload protection of transformer and associated circuits	Cl.17, IEC 60335-2-74: 2002
192.		Power input and current	Cl.10 of IS 302-2-201:2008+A1

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
193.		Power input and current	Cl.10 of IS 302-2-201:2008+A1
194.		Power input and current	Cl.10 of IS 302-2-201:2008+A1
195.		Power input and current	Cl.10, IEC 60335-2-74: 2002
196.		Power input and current	Cl.10, IEC 60335-2-74: 2002
197.		Power input and current	Cl.10, IEC 60335-2-74:2002
198.		Protection against access to live Parts	Cl.8 of IS 302-2-201:2008+A1
199.		Protection against access to live Parts	Cl.8, IEC 60335-2-74:2002
200.		Provision for earthing	Cl.27 of IS 302-2-201:2008+A1
201.		Provision for earthing	Cl.27, IEC 60335-2-74: 2002
202.		Radiation, toxicity and similar hazards	Cl.32 of IS 302-2-201:2008+A1
203.		Radiation, toxicity and similar hazards	Cl.32, IEC 60335-2-74: 2002
204.		Resistance to heat and fire	Cl.30 of IS 302-2-201:2008+A1
205.		Resistance to heat and fire	Cl.30 of IS 302-2-201:2008+A1
206.		Resistance to heat and fire	Cl.30, IEC 60335-2-74: 2002
207.		Resistance to heat and fire	Cl.30, IEC 60335-2-74: 2002
208.		Resistance to rusting	Cl.31 of IS 302-2-201:2008+A1
209.		Resistance to rusting	Cl.31, IEC 60335-2-74:2002
210.		Screws and connections	Cl.28 of IS 302-2-201:2008+A1

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
211.		Screws and connections	Cl.28, IEC 60335-2-74:2002
212.		Stability and mechanical hazards	Cl.20 of IS 302-2-201:2008+A1
213.		Stability and mechanical hazards	Cl.20, IEC 60335-2-74: 2002
214.		Supply connection and external flexible cords	Cl.25 of IS 302-2-201:2008+A1
215.		Supply connection and external flexible cords	Cl.25 of IS 302-2-201:2008+A1
216.		Supply connection and external flexible cords	Cl.25, IEC 60335-2-74: 2002
217.		Supply connection and external flexible cords	Cl.25, IEC 60335-2-74: 2002
218.		Terminal for external conductor	Cl.26 of IS 302-2-201:2008+A1
219.		Terminal for external conductor	Cl.26, IEC 60335-2-74:2002
220.		Transient over Voltage	Cl.14 of IS 302-2-201:2008+A1
221.		Transient over voltage	Cl.14 of IEC 60335-2-74: 2002
222.		Abnormal operation	Cl.19 of IEC 60335-2-35: 2012+A1+A2
223.		Abnormal operation	Cl.19 of IS 302-2-35:2017
224.		Clearances, creepage distances and solid insulation	Cl.29 of IEC 60335-2-35: 2012+A1+A2
225.		Clearances, creepage distances and solid insulation	Cl.29 of IEC 60335-2-35: 2012+A1+A2

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
226.		Clearances, creepage distances and solid insulation	Cl.29 of IS 302-2-35:2017
227.		Clearances, creepage distances and solid insulation	Cl.29 of IS 302-2-35:2017
228.		Components	Cl.24 of IS 302-2-35:2017
229.		Components	Cl.24 of IEC 60335-2-35: 2012+ A1+A2
230.		Construction	Cl.22 of IEC 60335-2-35: 2012+ A1+A2
231.		Construction	Cl.22 of IS 302-2-35:2017
232.		Heating	Cl.11 of IEC 60335-2-35: 2012+ A1+A2
233.		Heating	Cl.11 of IS 302-2-35:2017
234.		Internal wiring	Cl.23 of IEC 60335-2-35: 2012+ A1+A2
235.		Internal wiring	Cl.23 of IS 302-2-35:2017
236.		Leakage current and electric strength	Cl.16 of IEC 60335-2-35: 2012 +A1+A2
237.		Leakage current and electric strength	Cl.16 of IS 302-2-35:2017
238.		Leakage Current and electric Strength at Operating Temperature	Cl.13 of IEC 60335-2-35: 2012+ A1+A2
239.		Leakage current and	Cl.13 of IS 302-2-35:2017+A1

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

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
253.		Protection against access to live parts	Cl.8 of IEC 60335-2-35: 2012+ A1+A2
254.		Protection against access to live parts	Cl.8 of IS 302-2-35:2017+A1
255.		Provision for earthing	Cl.27 of IEC 60335-2-35: 2012+ A1+A2
256.		Provision for earthing	Cl.27 of IS 302-2-35:2017+A1
257.		Radiation, toxicity and similar hazards	Cl.32 of IEC 60335-2-35: 2012+ A1+A2
258.		Radiation, toxicity and similar hazards	Cl.32 of IS 302-2-35:2017+A1
259.		Resistance to heat and fire	Cl.30 of IEC 60335-2-35: 2012+ A1+A2
260.		Resistance to heat and fire	Cl.30 of IEC 60335-2-35: 2012+ A1+A2
261.		Resistance to Heat and fire	Cl.30 of IS 302-2-35:2017+A1
262.		Resistance to heat and fire	Cl.30 of IS 302-2-35:2017+A1
263.		Resistance to rusting	Cl.31 of IEC 60335-2-35: 2012+ A1+A2
264.		Resistance to rusting	Cl.31 of IS 302-2-35:2017+A1
265.		Screws and connections	Cl.28 of IEC 60335-2-35: 2012+ A1+A2
266.		Screws and connections	Cl.28 of IS 302-2-35:2017+A1

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Electrical Testing			
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	Safety Testing Facility		
267.		Stability and mechanical hazards	Cl.20 of IEC 60335-2-35: 2012+ A1+A2
268.		Stability and mechanical hazards	Cl.20 of IS 302-2-35:2017+A1
269.		Supply connection and external flexible cords	Cl.25 of IEC 60335-2-35: 2012+ A1+A2
270.		Supply connection and external flexible cords	Cl.25 of IEC 60335-2-35: 2012+ A1+A2
271.		Supply connection and external flexible cords	Cl.25 of IS 302-2-35:2017+A1
272.		Supply connection and external flexible cords	Cl.25 of IS 302-2-35:2017+A1
273.		Terminal for external conductor	Cl.26 of IEC 60335-2-35: 2012+ A1+A2
274.		Terminal for external conductor	Cl.26 of IS 302-2-35:2017+A1
275.		Transient over voltages	Cl.14 of IEC 60335-2-35: 2012 +A1+A2
276.		Transient over voltages	Cl.14 of IS 302-2-35:2017+A1
277.		Mechanical strength	Cl.21 of IEC 60335-2-35:2012 +A1+A2
278.	Electric Iron	Abnormal operation	Cl.19 of IEC 60335-2-3: 2012
279.		Abnormal operation	Cl.19 of IS 302-2-3:2007
280.		Clearances, creepage distances and solid insulation	Cl.29 of IEC 60335-2-3: 2012
281.		Clearances, creepage distances and solid insulation	Cl.29 of IEC 60335-2-3: 2012

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
282.		Clearances, creepage distances and solid insulation	Cl.29 of IS 302-2-3:2007
283.		Clearances, creepage distances and solid insulation	Cl.29 of IS 302-2-3:2007
284.		Components	Cl.24 of IEC 60335-2-3: 2012
285.		Components	Cl.24 of IS 302-2-3:2007
286.		Construction	Cl.22 of IEC60335-2-3: 2012
287.		Construction	Cl.22 of IS 302-2-3:2007
288.		Heating	Cl.11 of IEC 60335-2-3: 2012
289.		Heating	Cl.11 of IS 302-2-3:2007
290.		Internal wiring	Cl.23 of IEC 60335-2-3: 2012
291.		Internal wiring	Cl.23 of IS 302-2-3:2007
292.		Leakage current and electric strength	Cl.16 of IEC 60335-2-3: 2012
293.		Leakage current and electric strength	Cl.16 of IS 302-2-3:2007
294.		Leakage current and electric strength at operating temperature	Cl.13 of IEC 60335-2-3: 2012
295.		Leakage current and electric strength at operating temperature	Cl.13 of IS 302-2-3:2007
296.		Marking and instructions	Cl.7 of IEC 60335-2-3:2012

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
297.		Marking and instructions	Cl.7 of IS 302-2-3:2007
298.		Mechanical strength	Cl. 21 of IEC 60335-2-3: 2012
299.		Mechanical strength	Cl.21 of IS 302-2-3:2007
300.		Moisture resistance	Cl.15 of IEC 60335-2-3: 2012
301.		Moisture resistance	Cl.15 of IS 302-2-3:2007
302.		Power input and current	Cl.10 of IEC 60335-2-3: 2012
303.		Power input and current	Cl.10 of IEC 60335-2-3: 2012
304.		Power input and current	Cl.10 of IEC 60335-2-3: 2012
305.		Power input and current	Cl.10 of IS 302-2-3:2007
306.		Power input and current	Cl.10 of IS 302-2-3:2007
307.		Power input and current	Cl.10 of IS 302-2-3:2007
308.		Protection against access to live parts	Cl.8 of IEC 60335-2-3:2012
309.		Protection against access to live parts	Cl.8 of IS 302-2-3:2007
310.		Provision for earthing	Cl.27 of IEC 60335-2-3: 2012
311.		Provision for earthing	Cl.27 of IS 302-2-3:2007
312.		Radiation, toxicity and similar hazards	Cl.32 of IEC 60335-2-3: 2012
313.		Radiation, toxicity and similar hazards	Cl.32 of IS 302-2-3:2007
314.		Resistance to heat and fire	Cl.30 of IEC 60335-2-3: 2012

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

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

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

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

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
376.		Resistance to rusting	Cl.31 of IS 302-2-14:2009
377.		Resistance to rusting	Cl.31 of IEC 60335-2-14:2016+A1
378.		Screws and connections	Cl.28 of IS 302-2-14:2009
379.		Screws and connections	Cl.28 of IEC 60335-2-14:2016+A1
380.		Stability and mechanical hazards	Cl.20 of IS 302-2-14:2009
381.		Stability and mechanical hazards	Cl.20 of IEC 60335-2-14:2016+A1
382.		Supply connection and external flexible cords	Cl.25 of IS 302-2-14:2009
383.		Supply connection and external flexible cords	Cl.25 of IS 302-2-14:2009
384.		Supply connection and external flexible cords	Cl.25 of IEC 60335-2-14:2016+A1
385.		Supply connection and external flexible cords	Cl.25 of IEC 60335-2-14:2016+A1
386.		Terminal for external conductor	Cl.26 of IS 302-2-14:2009
387.		Terminal For external conductor	Cl.26 of IEC 60335-2-14:2016+A1
388.		Transient over voltages	Cl.14 of IS 302-2-14:2009
389.		Transient over voltages	Cl.14 of IEC 60335-2-14:2016+A1
390.	Electrical equipment for measurements control and laboratory Use	Additional means of protection in case of single fault conditions	Cl. 6.5 of IEC 61010-1 (Ed3.0) :2010+A1:2016
391.		Additional means of protection in case of single fault conditions	Cl. 6.5 of IEC 610101 (Ed3.0): 2010+A1:2016:2016

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
392.		Components and sub-assemblies	Cl.14 of IEC 61010-1(Ed3.0):2010+ A1:2016
393.		Connection to external circuit	Cl.6.6 of IEC 61010-1(Ed3.0): 2010+ A1:2016
394.		Connection to the mains supply source and connection between parts of equipment	Cl. 6.10 of IEC 61010-1(Ed3.0): 2010+ A1:2016
395.		Constructional requirements for protection against electric shock	Cl.6.9 of IEC 61010-1(Ed3.0): 2010+ A1:2016
396.		Containment of fire within equipment	Cl.9.3 of IEC 61010-1(Ed3.0): 2010+ A1:2016
397.		Disconnection for supply source	Cl. 6.11 of IEC 61010-1(Ed3.0): 2010+ A1:2016
398.		Drop test	Cl.8.3 of IEC 61010-1(Ed3.0): 2010+ A1:2016
399.		Requirement for equipment Containing or using flammable liquids	Cl.9.5 of IEC 61010-1(Ed3.0):2010+ A1:2016
400.		Eliminating or reducing the source of ignition with in the equipment	Cl. 9.2 of IEC 61010-1(Ed3.0): 2010+ A1:2016
401.		Eliminating or reducing the source of ignition with in the equipment	Cl.9.2 of IEC 61010-1(Ed3.0): 2010 + A1:2016
402.		Enclosure rigidity tests	Cl.8.2 of IEC 61010-1(Ed3.0): 2010 + A1:2016

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
403.		Equipment temperature limits and resistance to heat	Cl No.10 IEC 61010 1(Ed3.0):2010+ A1:2016
404.		Expelled parts	Cl.7.7 of IEC 61010-1(Ed3.0): 2010 + A1:2016
405.		Hazards resulting from application	Cl.16 of IEC 61010-1(Ed3.0):2010+ A1:2016
406.		Over current protection	Cl 9.6 of IEC 61010-1(Ed3.0): 2010+ A1:2016
407.		Insulation requirements	Cl. 6.7 of IEC 61010-1(Ed3.0): 2010+ A1:2016
408.		Limit values for accessible parts	Cl.6.3 of IEC 61010-1(Ed3.0): 2010+ A1:2016
409.		Limited energy circuit	Cl.9.4 of IEC 61010-1(Ed3.0): 2010+ A1:2016
410.		Marking and documentation	Cl. 5 of IEC 61010-1(Ed3.0): 2010+ A1: 2016
411.		Moving Parts	Cl.7.3 of IEC 61010-1(Ed3.0):2010+ A1:2016
412.		Primary means of protection	Cl.6.4 of IEC 61010-1(Ed3.0) :2010+ A1:2016
413.		Procedure for voltage test	Cl.6.8 of IEC 61010-1(Ed3.0) :2010+ A1:2016
414.		Protection by interlocks	Cl.15 of IEC 61010-1(Ed3.0):2010+ A1:2016
415.		Provisions for lifting and carrying	Cl. 7.5 of IEC 61010-1(Ed3.0) :2010+ A1:2016

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
416.		Risk assessment	Cl. 17 of IEC 61010-1(Ed3.0): 2010 + A1: 2016
417.		Sharp edges	Cl.7.2 of IEC 61010-1(Ed3.0):2010+ A1:2016
418.		Stability	Cl. 7.4 of IEC 61010-1(Ed3.0):2010+ A1:2016
419.		Wall mounting	Cl. 7.6 of IEC 61010-1(Ed3.0):2010+ A1:2016
420.		Determination of accessible parts	Cl.6.2 of IEC 61010 1(Ed3.0):2010+ A1:2016
421.		Abnormal operation	Cl.19 of IS 302-2-80:2017+A1
422.		Abnormal Operation	Cl.19 of IEC 60335-2-80:2015
423.		Clearances, creepage distances and solid insulation	Cl.29 of IS 302-2-80:2017+A1
424.		Clearances, creepage distances and solid insulation	Cl.29 of IEC 60335-2-80:2015
425.		Clearances, creepage distances and solid insulation	Cl.29 of IEC 60335-2-80:2015
426.	Fans	Clearances, creepage distances and solid insulation	Cl.29 of IS 302-2-80:2017+A1
427.		Components	Cl.24 of IS 302-2-80:2017+A1
428.		Components	Cl.24 of IEC 60335-2-80:2015
429.		Construction	Cl.22 of IS 302-2-80:2017+A1
430.		Construction	Cl.22 of IEC 60335-2-80:2015

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	Safety Testing Facility		
431.		Heating	Cl.11 of IS 302-2-80:2017+A1
432.		Heating	Cl.11 of IS 302-2-80:2017+A1
433.		Heating	Cl.11 of IEC 60335-2-80:2015
434.		Heating	Cl.11 of IEC 60335-2-80:2015
435.		Internal wiring	Cl.23 of IS 302-2-80:2017+A1
436.		Internal wiring	Cl.23 of IEC 60335-2-80:2015
437.		Leakage current and electric strength	Cl 16 of IS 302-2-80: 2017+A1
438.		Leakage Current and electric Strength	Cl.16 of IEC 60335-2-80:2015
439.		Leakage current and electric strength at operating temperature	Cl.13 of IS 302-2-80:2017+A1
440.		Leakage current and electric strength at operating temperature	Cl.13 of IEC 60335-2-80:2015
441.		Marking and Instructions	Cl. 7 of IS 302-2-80:2017+A1
442.		Marking and Instructions	Cl. 7 of IEC 60335-2-80:2015
443.		Mechanical strength	Cl. 21 of IS 302-2-80:2017+A1
444.		Mechanical strength	Cl.21 of IEC 60335-2-80:2015
445.		Moisture resistance	Cl.15 of IS 302-2-80:2017+A1
446.		Moisture resistance	Cl.15 of IEC 60335-2-80:2015

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	Safety Testing Facility		
447.		Overload protection of transformer and associated Circuits	Cl.17 of IS 302-2-80:2017+A1
448.		Transformer and associated circuits	Cl.17 of IEC 60335-2-80:2015
449.		Power input and current	Cl.10 of IS 302-2-80:2017+A1
450.		Power input and current	Cl.10 of IS 302-2-80:2017+A1
451.		Power input and current	Cl.10 of IS 302-2-80:2017+A1
452.		Power input and current	Cl.10 of IEC 60335-2-80:2015
453.		Power input and current	Cl.10 of IEC 60335-2-80:2015
454.		Power input and current	Cl.10 of IEC 60335-2-80:2015
455.		Protection against access to live parts	Cl.8 of IS 302-2-80:2017+A1
456.		Protection against access to live parts	Cl.8 of IEC 60335-2-80:2015
457.		Provision for earthing	Cl.27 of IS 302-2-80:2017+A1
458.		Provision for earthing	Cl.27 of IEC 60335-2-80:2015
459.		Radiation, toxicity and similar hazards	Cl.32 of IS 302-2-80:2017+A1
460.		Radiation, toxicity and similar hazards	Cl.32 of IEC 60335-2-80:2015
461.		Resistance to heat and fire	Cl.30 of IS 302-2-80:2017+A1
462.		Resistance to heat and fire	Cl.30 of IS 302-2-80:2017+A1

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Electrical Testing			
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	Safety Testing Facility		
463.		Resistance to heat and fire	Cl.30 of IEC 60335-2-80:2015
464.		Resistance to heat and Fire	Cl.30 of IEC 60335-2-80:2015
465.		Resistance to rusting	Cl.31 of IS 302-2-80:2017+A1
466.		Resistance to rusting	Cl.31 of IEC 60335-2-80:2015
467.		Screw sand connections	Cl.28 of IS 302-2-80:2017+A1
468.		Screws and connections	Cl.28 of IEC 60335-2-80:2015
469.		Stability and mechanical hazards	Cl.20 of IS 302-2-80:2017+A1
470.		Stability and mechanical hazards	Cl.20 of IEC 60335-2-80:2015
471.		Supply connection and external flexible cords	Cl.25 of IS 302-2-80:2017+A1
472.		Supply connection and external flexible cords	Cl.25 of IS 302-2-80:2017+A1
473.		Supply connection and external flexible cords	Cl.25 of IEC 60335-2-80:2015
474.		Supply connection and external flexible cords	Cl.25 of IEC 60335-2-80:2015
475.		Terminal for external conductor	Cl.26 of IS 302-2-80:2017+A1
476.		Terminal for external conductor	Cl.26 of IEC 60335-2-80:2015
477.		Transient over voltage	Cl.14 of IS 302-2-80:2017+A1
478.		Transient over voltage	Cl.14 of IEC 60335-2-80:2015
479.	Microwave ovens	Abnormal operation	Cl.19 of IEC 60335-2-25: 2020
480.	Microwave Ovens	Abnormal Operation	Cl.19 of IS 302-2-25:2014

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
481.	Microwave Ovens	Clearances, creepage distances and solid insulation	Cl.29 of IEC 60335-2-25: 2020
482.	Microwave Ovens	Clearances, creepage distances and solid insulation	Cl.29 of IEC 60335-2-25: 2020
483.	Microwave Ovens	Clearances, creepage distances and solid insulation	Cl.29 of IS 302-2-25:2014
484.	Microwave Ovens	Clearances, creepage distances and solid insulation	Cl.29 of IS 302-2-25:2014
485.	Microwave Ovens	Components	Cl.24 of IEC 60335-2-25: 2020
486.	Microwave Ovens	Components	Cl.24 of IS 302-2-25:2014
487.	Microwave Ovens	Construction	Cl.22 of IEC 60335-2-25: 2020
488.	Microwave Ovens	Construction	Cl.22 of IS 302-2-25:2014
489.	Microwave Ovens	Endurance	Cl.18 of IEC 60335-2-25: 2020
490.	Microwave Ovens	Endurance	Cl.18 of IS 302-2-25:2014
491.	Microwave Ovens	Heating	Cl.11 of IEC 60335-2-25: 2020
492.	Microwave Ovens	Heating	Cl.11 of IEC 60335-2-25: 2020
493.	Microwave Ovens	Heating	Cl.11 of IS 302-2-25:2014
494.	Microwave Ovens	Heating	Cl.11 of IS 302-2-25:2014
495.	Microwave Ovens	Internal wiring	Cl.23 of IEC 60335-2-25: 2020
496.	Microwave Ovens	Internal wiring	Cl.23 of IS 302-2-25:2014
497.	Microwave Ovens	Leakage current and electric strength	Cl.16 of IEC 60335-2-25: 2020

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
498.	Microwave Ovens	Leakage current and electric strength	Cl.16 of IS 302-2-25:2014
499.	Microwave Ovens	Leakage current and electric strength at operating temperature	Cl.13 of IEC 60335-2-25: 2020
500.	Microwave Ovens	Leakage current and electric strength at operating temperature	Cl.13 of IS 302-2-25:2014
501.	Microwave Ovens	Marking and instructions	Cl.7 of IEC 60335-2-25: 2020
502.	Microwave Ovens	Marking and instructions	Cl.7 of IS 302-2-25:2014
503.	Microwave Ovens	Mechanical strength	Cl.21 of IEC 60335-2-25: 2020
504.	Microwave Ovens	Mechanical strength	Cl.21 of IS 302-2-25:2014
505.	Microwave Ovens	Moisture Resistance	Cl.15 of IEC 60335-2-25: 2020
506.	Microwave Ovens	Moisture Resistance	Cl.15 of IS 302-2-25:2014
507.	Microwave Ovens	Overload Protection of transformer and associated circuits	Cl.17 of IEC 60335-2-25:2020
508.	Microwave Ovens	Overload Protection of transformer and Associated Circuits	Cl.17 of IS 302-2-25:2014
509.	Microwave Ovens	Power input and current	Cl.10 of IEC 60335-2-25: 2020
510.	Microwave Ovens	Power input and current	Cl.10 of IEC 60335-2-25: 2020
511.	Microwave Ovens	Power input and current	Cl.10 of IEC 60335-2-25: 2020

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
512.	Microwave Ovens	Power input and current	Cl.10 of IS 302-2-25:2014
513.	Microwave Ovens	Power input and current	Cl.10 of IS 302-2-25:2014
514.	Microwave Ovens	Power input and current	Cl.10 of IS 302-2-25:2014
515.	Microwave Ovens	Protection against access to live Parts	Cl.8 of IEC 60335-2-25: 2020
516.	Microwave Ovens	Protection against access to live Parts	Cl.8 of IS 302-2-25:2014
517.	Microwave Ovens	Provision for Earthing	Cl.27 of IEC 60335-2-25: 2020
518.	Microwave Ovens	Provision for Earthing	Cl.27 of IS 302-2-25:2014
519.	Microwave Ovens	Radiation, toxicity and similar hazards	Cl.32 of IEC 60335-2-25: 2020
520.	Microwave Ovens	Radiation, toxicity and similar hazards	Cl.32 of IS 302-2-25:2014
521.	Microwave Ovens	Resistance to heat and fire	Cl.30 of IEC 60335-2-25: 2020
522.	Microwave Ovens	Resistance to heat and fire	Cl.30 of IEC 60335-2-25: 2020
523.	Microwave Ovens	Resistance to heat and fire	Cl.30 of IS 302-2-25:2014
524.	Microwave Ovens	Resistance to heat and Fire	Cl.30 of IS 302-2-25:2014
525.	Microwave Ovens	Resistance to rusting	Cl.31 of IEC 60335-2-25: 2020
526.	Microwave Ovens	Resistance to rusting	Cl.31 of IS 302-2-25:2014
527.	Microwave Ovens	Screws and connections	Cl.28 of IEC 60335-2-25: 2020
528.	Microwave Ovens	Screws and connections	Cl.28 of IS 302-2-25:2014
529.	Microwave Ovens	Stability and mechanical	Cl.20 of IEC 60335-2-25: 2020

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
		hazards	
530.	Microwave Ovens	Stability and mechanical hazards	Cl.20 of IS 302-2-25:2014
531.	Microwave Ovens	Starting of motor operated appliances	Cl.9 of IEC 60335-2-25: 2020
532.	Microwave Ovens	Starting of motor operated appliances	Cl.9 of IS 302-2-25:2014
533.	Microwave Ovens	Supply connection and external flexible cords	Cl.25 of IEC 60335-2-25: 2020
534.	Microwave Ovens	Supply connection and external flexible cords	Cl.25 of IEC 60335-2-25: 2020
535.	Microwave Ovens	Supply connection and external flexible cords	Cl.25 of IS 302-2-25:2014
536.	Microwave Ovens	Supply connection and external flexible cords	Cl.25 of IS 302-2-25:2014
537.	Microwave Ovens	Terminal for external conductor	Cl.26 of IEC 60335-2-25: 2020
538.	Microwave Ovens	Terminal for external conductor	Cl.26 of IS 302-2-25:2014
539.	Microwave Ovens	Transient over voltage	Cl.14 of IEC 60335-2-25: 2020
540.	Microwave Ovens	Transient over voltage	Cl.14 of IS 302-2-25:2014
541.	Range hoods and other cooking fume extractors	Abnormal Operation	Cl.19 of IEC 60335-2-31: 2012
542.		Abnormal Operation	Cl.19 of IS 302-2-31:2009
543.		Clearances, creepage distances and solid insulation	Cl.29 of IEC 60335-2-31:2012

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
544.		Clearances, creepage distances and solid insulation	Cl.29 of IEC 60335-2-31:2012
545.		Clearances, creepage distances and solid insulation	Cl.29 of IS 302-2-31:2009
546.		Clearances, creepage distances and solid insulation	Cl.29 of IS 302-2-31:2009
547.		Components	Cl.24 of IEC 60335-2-31:2012
548.		Components	Cl.24 of IS 302-2-31:2009
549.		Construction	Cl.22 of IEC 60335-2-31:2012
550.		Construction	Cl.22 of IS 302-2-31:2009
551.		Heating	Cl.11 of IEC 60335-2-31:2012
552.		Heating	Cl.11 of IEC 60335-2-31:2012
553.		Heating	Cl.11 of IS 302-2-31:2009
554.		Heating	Cl.11 of IS 302-2-31:2009
555.		Internal wiring	Cl.23 of IEC 60335-2-31:2012
556.		Internal wiring	Cl.23 of IS 302-2-31:2009
557.		Leakage current and electric strength	Cl.16 of IEC 60335-2-31:2012
558.		Leakage current and electric strength	Cl.16 of IS 302-2-31:2009
559.		Leakage current and electric strength at operating temperature	Cl.13 of IEC 60335-2-31:2012

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
560.		Leakage current and electric strength at operating temperature	Cl.13 of IS 302-2-31:2009
561.		Marking and instructions	Cl.7 of IEC 60335-2-31:2012
562.		Marking and instructions	Cl.7 of IS 302-2-31:2009
563.		Mechanical strength	Cl.21 of IEC 60335-2-31:2012
564.		Mechanical strength	Cl.21 of IS 302-2-31:2009
565.		Moisture resistance	Cl.15 of IEC 60335-2-31:2012
566.		Moisture resistance	Cl.15 of IS 302-2-31:2009
567.		Overload protection of transformer and associated circuits	Cl.17 of IEC 60335-2-31:2012
568.		Overload protection of transformer and associated circuits	Cl.17 of IS 302-2-31:2009
569.		Power input and current	Cl.10 of IEC 60335-2-31: 2012
570.		Power input and current	Cl.10 of IEC 60335-2-31: 2012
571.		Power input and current	Cl.10 of IEC 60335-2-31: 2012
572.		Power input and current	Cl.10 of IS 302-2-31:2009
573.		Power input and current	Cl.10 of IS 302-2-31:2009
574.		Power input and current	Cl.10 of IS 302-2-31:2009
575.		Protection against access to live parts	Cl.8 of IEC 60335-2-31: 2012

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
576.		Protection against access to live parts	Cl.8 of IS 302-2-31:2009
577.		Provision for earthing	Cl.27 of IEC 60335-2-31:2012
578.		Provision for earthing	Cl.27 of IS 302-2-31:2009
579.		Radiation, toxicity and similar hazards	Cl.32 of IEC 60335-2-31: 2012
580.		Radiation, toxicity and similar hazards	Cl.32 of IS 302-2-31:2009
581.		Resistance to heat and fire	Cl.30 of IEC 60335-2-31: 2012
582.		Resistance to heat and fire	Cl.30 of IEC 60335-2-31: 2012
583.		Resistance to heat and fire	Cl.30 of IS 302-2-31:2009
584.		Resistance to heat and fire	Cl.30 of IS 302-2-31:2009
585.		Resistance to rusting	Cl.31 of IEC 60335-2-31: 2012
586.		Resistance to rusting	Cl.32 of IS 302-2-31:2009
587.		Screws and connections	Cl.28 of IEC 60335-2-31: 2012
588.		Screws and connections	Cl.28 of IS 302-2-31:2009
589.		Stability and mechanical hazards	Cl.20 of IEC 60335-2-31:2012
590.		Stability and mechanical hazards	Cl.20 of IS 302-2-31:2009
591.		Supply connection and external flexible cords	Cl.25 of IEC 60335-2-31:2012

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
592.	Safety of household and similar electrical appliances	Supply connection and external flexible cords	Cl.25 of IEC 60335-2-31:2012
593.		Supply connection and external flexible cords	Cl.25 of IS 302-2-31:2009
594.		Supply connection and external flexible cords	Cl.25 of IS 302-2-31:2009
595.		Terminal for external conductor	Cl.26 of IEC 60335-2-31: 2012
596.		Terminal for external conductor	Cl.26 of IS 302-2-31:2009
597.		Transient over voltages	Cl.14 of IEC 60335-2-31: 2012
598.		Transient over voltages	Cl.14 of IS 302-2-31:2009
599.		Abnormal operation	Cl.19 of IEC 60335-1:2020
600.		Abnormal operation	Cl.19 of IS 302-1: 2008+A1+A2 +A3+ A4
601.		Clearances, creepage distances and solid Insulation	Cl.29 of IEC 60335-1:2020
602.		Components	Cl.24 of IEC 60335-1:2020
603.		Components	Cl.24 of IS 302-1: 2008+A1+A2 +A3+ A4
604.		Construction	Cl.22 of IEC 60335-1:2020
605.		Construction	Cl.22 of IS 302-1: 2008+A1+A2 +A3+ A4

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
606.	Safety of household and similar electrical appliances- room heaters	Transient over voltages	Cl.14 of IS 302-1: 2008+A1+A2+ A3+ A4
607.		Transient over voltages	Cl.14 of IEC 60335-1:2020
608.		Abnormal operation	Cl.19 of IEC 60335-2-30:2009+ A1+ A2
609.		Abnormal operation	Cl.19 of IS 302-2-30:2007+A1 +A2+ A3
610.		Components	Cl.24 of IEC 60335-2-30:2009+ A1+ A2
611.		Components	Cl.24 of IS 302-2-30:2007+A1 +A2+ A3
612.		Construction	Cl.22 of IEC 60335-2-30:2009+ A1+A2
613.		Construction	Cl.22 of IS 302-2-30:2007+ A1+A2 +A3
614.		Creepage distances, clearances and solid insulation	Cl.29 of IEC 60335-2-30:2009+ A1+ A2
615.		Creepage distances, clearances and solid insulation	Cl.29 of IS 302-2-30:2007+ A1+A2+ A3
616.	Heating	Heating	Cl.11 of IEC 60335-2-30:2009+ A1+ A2
617.		Heating	Cl.11 of IS 302-2-30:2007+ A1+A2+ A3

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
618.		Input and current (Current)	Cl.10 of IEC 60335-2-30:2009+ A1+ A2
619.		Input and current (Current)	Cl.10 of IS 302-2-30:2007+ A1+A2+ A3
620.		Input and current (Input)	Cl.10 of IEC 60335-2-30:2009+ A1+ A2
621.		Input and Current (Input)	Cl.10 of IS 302-2-30:2007+ A1+A2+ A3
622.		Internal wiring	Cl.23 of IEC 60335-2-30: 2009+ A1+A2
623.		Internal wiring	Cl.23 of IS 302-2-30:2007+ A1+A2+ A3
624.		Leakage current and electric strength after humidity	Cl.16 of IEC 60335-2-30:2009+ A1+ A2
625.		Leakage current and electric strength after humidity	Cl.16 of IS 302-2-30:2007 +A1+A2+ A3
626.		Leakage current and electric strength at operating temperature	Cl.13 of IEC 60335-2-30:2009+ A1+ A2
627.		Leakage current and electric strength at operating temperature	Cl.13 of IS 302-2-30:2007+A1 +A2+A3
628.		Marking and instructions	Cl.7 of IEC 60335-2-30:2009+A1 +A2
629.		Marking and instructions	Cl.7 of IS 302-2-30:2007+A1 +A2+A3

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

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

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

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

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

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
694.		Resistance to Rusting	Cl.31 of IS 302-1: 2008+A1+ A2+A3+ A4
695.		Screws and Connections	Cl.28 of IEC 60335-1:2020
696.		Screws and Connections	Cl.28 of IS 302-1: 2008+A1+ A2+A3 +A4
697.		Stability and Mechanical Hazards	Cl.20 of IEC 60335-1:2020
698.		Stability and Mechanical Hazards	Cl.20 of IS 302-1: 2008+A1 +A2+A3+ A4
699.		Supply Connection and External Flexible Cords	Cl.25 of IEC 60335-1:2020
700.		Supply Connection and External Flexible Cords	Cl.25 of IEC 60335-1:2020
701.		Supply Connection and External Flexible Cords	Cl.25 of IS 302-1: 2008+A1+ A2+A3+ A4
702.		Supply connection and external flexible cords	Cl.25 of IS 302-1: 2008+A1+A2+ A3+A4
703.		Terminal for external conductor	Cl.26 of IEC 60335-1:2020
704.		Terminal for external conductor	Cl.26 of IS 302-1: 2008+A1 +A2+A3+ A4
705.		Transient over voltages	Cl.14 of IEC 60335-1:2020
706.	Spin extractors	Abnormal operation	Cl.19 of IS 302-2-4:1993+A1
707.		Abnormal operation	Cl.19 of IEC 60335-2-4:2021

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
708.		Components	Cl.24 of IS 302-2-4:1993+A1
709.		Components	Cl.24 of IEC 60335-2-4:2021
710.		Construction	Cl.22 of IS 302-2-4:1993+A1
711.		Construction	Cl.22 of IEC 60335-2-4:2021
712.		Creepage distances and clearances	Cl.29 of IS 302-2-4:1993+A1
713.		Creepage distances and clearances	Cl.29 of IEC 60335-2-4:2021
714.	Spin extractors	Input and current (Current)	Cl.10 of IS 302-2-4:1993+A1
715.		Input and current (Current)	Cl.10 of IEC 60335-2-4:2021
716.		Input and current (Input)	Cl.10 of IS 302-2-4:1993+A1
717.		Input and current (Input)	Cl.10 of IEC 60335-2-4:2021
718.		Internal wiring	Cl.23 of IS 302-2-4:1993+A1
719.		Internal wiring	Cl.23 of IEC 60335-2-4:2021
720.	Spin extractors	Leakage current and electric strength after humidity	Cl.16 of IS 302-2-4:1993+A1
721.		Leakage current and electric strength after humidity	Cl.16 of IEC 60335-2-4:2021
722.		Leakage current and electric strength at operating temperature	Cl.13 of IS 302-2-4:1993+A1

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
723.		Leakage current and electric strength at operating temperature	Cl.13 of IEC 60335-2-4:2021
724.		Marking/Marking and Instructions	Cl.7 of IS 302-2-4:1993+A1
725.		Marking/ Marking and Instructions	Cl.7 of IEC 60335-2-4:2021
726.		Mechanical strength	Cl.21 of IS 302-2-4:1993+A1
727.		Mechanical strength	Cl.21 of IEC 60335-2-4:2021
728.		Moisture resistance	Cl.15 of IS 302-2-4:1993+A1
729.		Moisture resistance	Cl.15 of IEC 60335-2-4:2021
730.		Overload protection	Cl.17 of IS 302-2-4:1993+A1
731.		Overload protection	Cl.17 of IEC 60335-2-4:2021
732.		Protection against electric shock/ protection against access to live arts	Cl.8 of IS 302-2-4:1993+A1
733.		Protection against electric shock/ protection against access to live Parts	Cl.8 of IEC 60335-2-4:2021
734.		Provision for earthing	Cl.27 of IS 302-2-4:1993+A1
735.		Provision for earthing	Cl.27 of IEC 60335-2-4:2021
736.		Resistance to heat & fire	Cl.30 of IS 302-2-4:1993+A1
737.		Resistance to heat & fire	Cl.30 of IEC 60335-2-4:2021

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
738.		Resistance to rusting	Cl.31 of IS 302-2-4:1993+A1
739.		Resistance to rusting	Cl.31 of IEC 60335-2-4:2021
740.		Screws and connections	Cl.28 of IS 302-2-4:1993+A1
741.		Screws and connections	Cl.28 of IEC 60335-2-4:2021
742.		Stability and mechanical hazards	Cl.20 of IS 302-2-4:1993+A1
743.		Stability and mechanical hazards	Cl.20 of IEC 60335-2-4:2021
744.		Starting of motor operated Appliance	Cl.9 of IS 302-2-4:1993+A1
745.		Starting of motor operated appliance	Cl.9 of IEC 60335-2-4:2021
746.		Supply connection and external flexible cords	Cl.25 of IS 302-2-4:1993+A1
747.		Supply connection and external flexible cords	Cl.25 of IEC 60335-2-4:2021
748.		Temperature rise/heating	Cl.11 of IS 302-2-4:1993+A1
749.		Temperature rise/heating	Cl.11 of IEC 60335-2-4:2021
750.		Terminal For external conductor	Cl.26 of IS 302-2-4:1993+A1
751.		Terminal for external conductor	Cl.26 of IEC 60335-2-4:2021
752.		Transient over voltages	Cl.14 of IS 302-2-4:1993+A1
753.		Transient over voltages	Cl.14 of IEC 60335-2-4:2021
754.	Stationary storage type electric	Abnormal operation	Cl.19 of IEC 60335-2-21: 2012

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
755.	water heater	Abnormal operation	Cl.19 of IS 302-2-21:2018+A1
756.		Clearances, creepage distances and solid insulation	Cl.29 of IEC 60335-2-21: 2012
757.		Clearances, creepage distances and solid insulation	Cl.29 of IEC 60335-2-21: 2012
758.		Clearances, creepage distances and solid insulation	Cl.29 of IS 302-2-21:2018+A1
759.		Clearances, creepage distances and solid insulation	Cl.29 of IS 302-2-21:2018+A1
760.		Components	Cl.24 of IEC 60335-2-21: 2012
761.		Components	Cl.24 of IS 302-2-21:2018+A1
762.		Construction	Cl.22 of IEC 60335-2-21: 2012
763.		Construction	Cl.22 of IS 302-2-21:2018+A1
764.		Heating	Cl.11 of IEC 60335-2-21: 2012
765.		Heating	Cl.11 of IS 302-2-21:2018+A1
766.		Internal wiring	Cl.23 of IEC 60335-2-21: 2012
767.		Internal wiring	Cl.23 of IS 302-2-21:2018+A1
768.		Leakage current and electric strength	Cl.16 of IEC 60335-2-21: 2012
769.		Leakage current and electric strength	Cl.16 of IS 302-2-21:2018+A1
770.		Leakage current and electric strength at operating temperature	Cl.13 of IEC 60335-2-21: 2012

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
771.		Leakage current and electric strength at operating temperature	Cl.13 of IS 302-2-21:2018+A1
772.		Marking and instructions	Cl.7 of IEC 60335-2-21: 2012
773.		Marking and instructions	Cl.7 of IS 302-2-21:2018+A1
774.		Mechanical strength	Cl.21 of IEC 60335-2-21: 2012
775.		Mechanical strength	Cl.21 of IS 302-2-21:2018+A1
776.		Moisture resistance	Cl.15 of IEC 60335-2-21: 2012
777.		Moisture resistance	Cl.15 of IS 302-2-21:2018+A1
778.		Overload protection of transformer and associated circuits	Cl.17 of IEC 60335-2-21: 2012
779.		Overload protection of transformer and associated circuits	Cl.17 of IS 302-2-21:2018+A1
780.		Power input and Current	Cl.10 of IEC 60335-2-21: 2011
781.		Power input and current	Cl.10 of IEC 60335-2-21: 2012
782.		Power input and current	Cl.10 of IEC 60335-2-21: 2012
783.		Power input and current	Cl.10 of IS 302-2-21:2018+A1
784.		Power input and current	Cl.10 of IS 302-2-21:2018+A1
785.		Power input and current	Cl.10 of IS 302-2-21:2018+A1
786.		Protection against access to live Parts	Cl.8 of IEC 60335-2-21: 2012

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
787.		Protection against access to live Parts	Cl.8 of IS 302-2-21:2018+A1
788.		Provision for earthing	Cl.27 of IEC 60335-2-21: 2012
789.		Provision for earthing	Cl.27 of IS 302-2-21:2018+A1
790.		Resistance to heat and fire	Cl.30 of IEC 60335-2-21: 2012
791.		Resistance to heat and fire	Cl.30 of IEC 60335-2-21: 2012
792.		Resistance to Heat and Fire	Cl.30 of IS 302-2-21:2018+A1
793.		Resistance to heat and fire	Cl.30 of IS 302-2-21:2018+A1
794.		Resistance to rusting	Cl.31 of IEC 60335-2-21: 2012
795.		Resistance to rusting	Cl.31 of IS 302-2-21:2018+A1
796.		Screws and connections	Cl.28 of IEC 60335-2-21: 2012
797.		Screws and connections	Cl.28 of IS 302-2-21:2018+A1
798.		Stability and mechanical hazards	Cl.20 of IEC 60335-2-21: 2012
799.		Stability and mechanical hazards	Cl.20 of IS 302-2-21:2018+A1
800.		Supply connection and external flexible cords	Cl.25 of IEC 60335-2-21: 2012
801.		Supply connection and external flexible cords	Cl.25 of IEC 60335-2-21: 2012
802.		Supply connection and external flexible cords	Cl.25 of IS 302-2-21:2018+A1

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
803.		Supply connection and external flexible cords	Cl.25 of IS 302-2-21:2018+A1
804.		Terminal For external conductor	Cl.26 of IEC 60335-2-21: 2012
805.		Terminal for external conductor	Cl.26 of IS 302-2-21:2018+A1
806.		Transient over voltages	Cl.14 of IEC 60335-2-21: 2012
807.		Transient over voltages	Cl.14 of IS 302-2-21:2018+A1
808.		Abnormal Operation	Cl.19 of IS 302-2-9:2009
809.	Toasters, Grills, Roasters and Similar Appliances	Abnormal Operation	Cl.19 of IEC 60335-2-9:2019
810.		Components	Cl.24 of IS 302-2-9:2009
811.		Components	Cl.24 of IEC 60335-2-9:2019
812.		Construction	Cl.22 of IS 302-2-9:2009
813.		Construction	Cl.22 of IEC 60335-2-9:2019
814.		Creepage distances, clearances and solid insulation	Cl.29 of IS 302-2-9:2009
815.		Creepage distances, clearances and solid insulation	Cl.29 of IEC 60335-2-9:2019
816.		Input and current (Current)	Cl.10 of IS 302-2-9:2009
817.		Input and current (Current)	Cl.10 of IEC 60335-2-9:2019
818.		Input and current (Input)	Cl.10 of IEC 60335-2-9:2019

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
819.		Input and current (Input)	Cl.10 of IS 302-2-9:2009
820.		Internal wiring	Cl.23 of IS 302-2-9:2009
821.		Internal wiring	Cl.23 of IEC 60335-2-9:2019
822.		Leakage current and electric strength after humidity	Cl.16 of IS 302-2-9:2009
823.		Leakage current and electric strength after humidity	Cl.16 of IEC 60335-2-9:2019
824.		Leakage current and electric strength at operating temperature	Cl.13 of IS 302-2-9:2009
825.		Leakage current and electric strength at operating temperature	Cl.13 of IEC 60335-2-9:2019
826.		Marking/Marking and Instructions	Cl.7 of IS 302-2-9:2009
827.		Marking/Marking and Instructions	Cl.7 of IEC 60335-2-9:2019
828.		Mechanical strength	Cl.21 of IS 302-2-9:2009
829.		Mechanical strength	Cl.21 of IEC 60335-2-9:2019
830.		Moisture resistance	Cl.15 of IS 302-2-9:2009
831.		Moisture resistance	Cl.15 of IEC 60335-2-9:2019
832.		Overload protection of transformer and associated circuits	Cl.17 of IS 302-2-9:2009

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
833.		Overload protection of transformer and associated circuits	Cl.17 of IEC 60335-2-9:2019
834.		Protection against electric shock/ protection against access to live parts	Cl.8 of IS302-2-9:2009
835.		Protection against electric shock/ protection against access to live parts	Cl.8 of IEC 60335-2-9:2019
836.		Provision for earthing	Cl.27 of IS 302-2-9:2009
837.		Provision for earthing	Cl.27 of IEC 60335-2-9:2019
838.		Radiation, toxicity and similar hazards	Cl.32 of IS 302-2-9:2009
839.		Radiation, toxicity and similar hazards	Cl.32 of IEC 60335-2-9:2019
840.		Resistance to heat and fire	Cl.30 of IS 302-2-9:2009
841.		Resistance to heat and fire	Cl.30 of IEC 60335-2-9:2019
842.		Resistance to rusting	Cl.31 of IS 302-2-9:2009
843.		Resistance to rusting	Cl.31 of IEC 60335-2-9:2019
844.		Screws and connections	Cl.28 of IS 302-2-9:2009
845.		Screws and connections	Cl.28 of IEC 60335-2-9:2019
846.		Stability and mechanical hazards	Cl.20 of IS 302-2-9:2009

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
847.		Stability and mechanical hazards	Cl.20 of IEC 60335-2-9:2019
848.		Supply connection and external flexible cords	Cl.25 of IS 302-2-9:2009
849.		Supply connection and external flexible cords	Cl.25 of IEC 60335-2-9:2019
850.		Temperature rise/heating	Cl.11 of IS 302-2-9:2009
851.		Temperature rise/heating	Cl.11 of IEC 60335-2-9:2019
852.		Terminal For external conductor	Cl.26 of IS 302-2-9:2009
853.		Terminal For external conductor	Cl.26 of IEC 60335-2-9:2019
854.		Transient Overvoltage	Cl.14 of IEC 60335-2-9:2019
855.		Transient Overvoltage	Cl.14 of IS 302-2-9:2009
856.	Appliances for heating liquids	General requirement	Cl. 4 of IS 302-2-15: 2009 (Reaffirmed Year: 2014) Cl. 4 of IEC 60335-2-15:2012+A2
857.	Appliances for heating liquids	General condition for the test	Cl. 5 of IS 302-2-15: 2009 (Reaffirmed Year: 2014) Cl. 5 of IEC 60335-2-15:2012+A2
858.	Appliances for heating liquids	Marking and instructions	Cl. 6 of IS 302-2-15: 2009 (Reaffirmed Year : 2014) Cl. 6 of IEC 60335-2-15:2012+A2
859.	Particular requirements for microwave ovens, including	General requirement	Cl. 4 of IS 302-2-25: 2014 (Reaffirmed Year: 2019)

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
	combination microwave ovens		Cl. 4 of IEC 60335-2-25:2024
860.	Particular requirements for microwave ovens, including combination microwave ovens	General condition for the test	Cl. 5 of IS 302-2-25: 2014 (Reaffirmed Year: 2019) Cl. 5 of IEC 60335-2-25:2024
861.	Particular requirements for microwave ovens, including combination microwave ovens	Marking and instructions	Cl. 6 of IS 302-2-25: 2014 (Reaffirmed Year : 2019) Cl. 6 of IEC 60335-2-25:2024
862.	Cooking ranges, hobs, ovens and similar appliances	General requirement	Cl. 4 of IS 302-2-6: 2009 (Reaffirmed Year: 2014), Cl. 4 of IEC 60335-2-6:2014+A1
863.	Cooking ranges, hobs, ovens and similar appliances	General condition for the test	Cl. 5 of IS 302-2-6: 2009 (Reaffirmed Year: 2014); Cl. 5 of IEC 60335-2-6:2014+A1
864.	Cooking ranges, hobs, ovens and similar appliances	Marking and instructions	Cl. 6 of IS 302-2-6: 2009 (Reaffirmed Year: 2014); Cl. 6 of IEC 60335-2-6:2014
865.	Cooking ranges, hobs, ovens and similar appliances, appliances for heating liquids, particular requirements for microwave ovens, including combination microwave ovens	Abnormal operation (radiated, radio-frequency, electromagnetic field immunity test)	Cl.19.11.4.2 IS 302-2-15 : 2009, IS 302-2-6: 2009, IS 302-2-25:2014 Cl. 19.11.4.2 of IEC 60335-2-15:2012+A2, IEC 60335-2-6:2014 +A1, IEC 60335-2-25:2024 IEC 61000-4-3: 2008, IS 14700 (Part 4/Sec 3:2023)
866.	Cooking ranges, hobs, ovens and similar appliances, appliances for heating liquids,	Abnormal operation (electrical fast transient/burst immunity test)	Cl.19.11.4.3 IS 302-2-15 : 2009, IS 302-2-6: 2009, IS 302-2-25:2014 Cl. 19.11.4.3 of IEC 60335-2-

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
	particular requirements for microwave ovens, including combination microwave ovens		15:2012+A2, IEC 60335-2-6:2014 +A1, IEC 60335-2-25:2024 IEC 61000-4-4: 2012, IS 14700 (Part 4/Sec 4)
867.	Cooking ranges, hobs, ovens and similar appliances, appliances for heating liquids, particular requirements for microwave ovens, including combination microwave ovens	Abnormal operation (surge immunity test)	Cl.19.11.4.4 IS 302-2-15 : 2009, IS 302-2-6: 2009, IS 302-2-25:2014 Cl. 19.11.4.4 of IEC 60335-2-15:2012+A2, IEC 60335-2-6:2014 +A1, IEC 60335-2-25:2024 IEC 61000-4-5: 2014, IS 14700 (Part 4/Sec 5)
868.	Cooking ranges, hobs, ovens and similar appliances, appliances for heating liquids, particular requirements for microwave ovens, including combination microwave ovens	Abnormal operation (immunity to conducted disturbances, induced by radio-frequency fields)	Cl.19.11.4.5 IS 302-2-15 : 2009, IS 302-2-6: 2009, IS 302-2-25:2014 Cl. 19.11.4.5 of IEC 60335-2-15:2012+A2, IEC 60335-2-6:2014 +A1, IEC 60335-2-25:2024 IEC 61000-4-6: 2023
869.	Cooking ranges, hobs, ovens and similar appliances, appliances for heating liquids, particular requirements for microwave ovens, including combination microwave ovens	Abnormal operation (voltage dips, short interruptions and voltage variations immunity tests for equipment with input current up to 16 a per phase)	Cl.19.11.4.6 IS 302-2-15 : 2009, IS 302-2-6: 2009, IS 302-2-25:2014 Cl. 19.11.4.6 of IEC 60335-2-15:2012+A2, IEC 60335-2-6:2014 +A1, IEC 60335-2-25:2024 IEC 61000-4-11: 2020, IS 14700 (Part 4/Sec 11)



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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
870.	Cooking ranges, hobs, ovens and similar appliances, appliances for heating liquids, particular requirements for microwave ovens, including combination microwave ovens	Abnormal operation (voltage dips, short interruptions and voltage variations immunity tests for equipment with mains current more than 16 a per phase)	Cl. 19.11.4.6 of IEC 60335-2-15:2012+A2, IEC 60335-2-6:2014 +A1, IEC 60335-2-25:2024 IEC 61000-4-34: 2005
871.	Cooking ranges, hobs, ovens and similar appliances, appliances for heating liquids, particular requirements for microwave ovens, including combination microwave ovens	Abnormal operation (harmonics and interharmonics including mains signaling at A.C. Power port, low frequency immunity tests)	Cl.19.11.4.7 IS 302-2-15: 2009, IS 302-2-6: 2009, IS 302-2-25:2014 Cl. 19.11.4.7 of IEC 60335-2-15:2012+A2, IEC 60335-2-6:2014 +A1, IEC 60335-2-25:2024; IEC 61000-4-13: 2002
872.	Domestic electric clothes washing machine	General requirement	Cl.4 of IS 302-2-7:2024, IEC 60335-2-7:2024
873.	Domestic electric clothes washing machine	General condition for the test	Cl.5 of IS 302-2-7:2024, IEC 60335-2-7:2024
874.	Domestic electric clothes washing machine	Classification	Cl.6 of IS 302-2-7:2024, IEC 60335-2-7:2024
875.	Domestic electric clothes washing machine	Marking and instruction	Cl.7 of IS 302-2-7:2024, IEC 60335-2-7:2024
876.	Domestic electric clothes washing machine	Protection against electric shock	Cl.8 of IS 302-2-7:2024, IEC 60335-2-7:2024
877.	Domestic electric clothes washing machine	Power input and current	Cl.10 of IS 302-2-7:2024, IEC 60335-2-7:2024

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
878.	Domestic electric clothes washing machine	Heating	Cl.11 of IS 302-2-7:2024, IEC 60335-2-7:2024
879.	Domestic electric clothes washing machine	Leakage current and electric strength at operating temperature	Cl.13 of IS 302-2-7:2024, IEC 60335-2-7:2024
880.	Domestic electric clothes washing machine	Transient over voltage	Cl.14 of IS 302-2-7:2024, IEC 60335-2-7:2024
881.	Domestic electric clothes washing machine	Moisture resistance	Cl.15 of IS 302-2-7:2024, IEC 60335-2-7:2024
882.	Domestic electric clothes washing machine	Leakage current and electric strength	Cl.16 of IS 302-2-7:2024, IEC 60335-2-7:2024
883.	Domestic electric clothes washing machine	Overload protection of transformers and associated circuits	Cl.17 of IS 302-2-7:2024, IEC 60335-2-7:2024
884.	Domestic electric clothes washing machine	Endurance	Cl.18 of IS 302-2-7:2024, IEC 60335-2-7:2024
885.	Domestic electric clothes washing machine	Abnormal operation	Cl.19 of IS 302-2-7:2024, IEC 60335-2-7:2024
886.	Domestic electric clothes washing machine	Abnormal operation	Cl.19.101 of IS 302-2-7:2024, IEC 60335-2-7:2024
887.	Domestic electric clothes washing machine	Abnormal operation	Cl.19.102 of IS 302-2-7:2024, IEC 60335-2-7:2024
888.	Domestic electric clothes washing machine	Stability and mechanical hazards	Cl.20 of IS 302-2-7:2024, IEC 60335-2-7:2024
889.	Domestic electric clothes washing machine	Mechanical strength	Cl.21 of IS 302-2-7:2024, IEC 60335-2-7:2024

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
890.	Domestic electric clothes washing machine	Construction	Cl.22 of IS 302-2-7:2024, IEC 60335-2-7:2024
891.	Domestic electric clothes washing machine	Internal wiring	Cl.23 of IS 302-2-7:2024, IEC 60335-2-7:2024
892.	Domestic electric clothes washing machine	Components	Cl.24 of IS 302-2-7:2024, IEC 60335-2-7:2024
893.	Domestic electric clothes washing machine	Supply connection and external flexible cords	Cl.25 of IS 302-2-7:2024, IEC 60335-2-7:2024
894.	Domestic electric clothes washing machine	Terminals for external conductors	Cl.26 of IS 302-2-7:2024, IEC 60335-2-7:2024
895.	Domestic electric clothes washing machine	Provision for earthing	Cl.27 of IS 302-2-7:2024, IEC 60335-2-7:2024
896.	Domestic electric clothes washing machine	Screws and connections	Cl.28 of IS 302-2-7:2024, IEC 60335-2-7:2024
897.	Domestic electric clothes washing machine	Creepage distance & clearances / clearances, creepage distances and solid insulations	Cl.29 of IS 302-2-7:2024, IEC 60335-2-7:2024
898.	Domestic electric clothes washing machine	Resistance to heat and fire	Cl.30 of IS 302-2-7:2024, IEC 60335-2-7:2024
899.	Domestic electric clothes washing machine	Resistance to rusting	Cl.31 of IS 302-2-7:2024, IEC 60335-2-7:2024
900.	Domestic electric clothes washing machine	Radiation, toxicity and similar hazards, ageing test for elastomeric parts, detergent free electrolyser washing machines	Cl. 32, ANNEX BB, ANNEX CC, of IS 302-2-7:2024, IEC 60335-2-7:2024

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
901.	Electric immersion water heater	General requirement	Cl. 4 of IS 302-2-201: 2008 (Reaffirmed Year: 2018) Cl. 4 of IS 368: 2014 (Reaffirmed Year: 2019); Cl. 4 of IEC 60335-2-74:2021
902.	Electric immersion water heater	General condition for the test	Cl. 5 of IS 302-2-201:2008 (Reaffirmed Year: 2018) Cl. 5 of IS 368: 2014 (Reaffirmed Year: 2019); Cl. 5 of IEC 60335-2-74:2021
903.	Electric immersion water heater	Classification	Cl. 6 of IS 302-2-201:2008 (Reaffirmed Year: 2018) Cl. 6 of IS 368: 2014 (Reaffirmed Year: 2019); Cl. 6 of IEC 60335-2-74:2021
904.	Electric immersion water heater	Marking and instruction	Cl. 7 of IS 302-2-201:2008: (Reaffirmed Year: 2018) Cl. 7 of IS 368: 2014 (Reaffirmed Year: 2019); Cl. 8 of IEC 60335-2-74:2021
905.	Electric immersion water heater	Protection against electric shock	Cl. 8 of IS 302-2-201:2008 (Reaffirmed Year: 2018) Cl. 8 of IS 368: 2014 (Reaffirmed Year: 2019); Cl. 8 of IEC 60335-2-74:2021

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
906.	Electric immersion water heater	Starting for motor operated appliances	Cl. 9 of IS 302-2-201:2008 (Reaffirmed Year: 2018) Cl. 9 of IS 368: 2014 (Reaffirmed Year: 2019); Cl. 9 of IEC 60335-2-74:2021
907.	Electric immersion water heater	Power input and current	Cl. 10 of IS 302-2-201:2008 (Reaffirmed Year: 2018) Cl. 10 of IS 368: 2014 (Reaffirmed Year: 2019); Cl. 10 of IEC 60335-2-74:2021
908.	Electric immersion water heater	Heating/ temperature rise test	Cl. 11 of IS 302-2-201:2008 (Reaffirmed Year: 2018) Cl. 11 of IS 368: 2014 (Reaffirmed Year: 2019); Cl. 11 of IEC 60335-2-74:2021
909.	Electric immersion water heater	Operation under overload conditions of appliances with heating elements	Cl. 12 of IS 368: 2014 (Reaffirmed Year: 2019)
910.	Electric immersion water heater	Leakage current and electric strength at operating temperature	Cl. 13 of IS 302-2-201:2008 (Reaffirmed Year: 2018) Cl. 13 of IS 368: 2014 (Reaffirmed Year: 2019); Cl. 13 of IEC 60335-2-74:2021
911.	Electric immersion water heater	Transient over voltage	Cl. 14 of IS 302-2-201:2008 (Reaffirmed Year: 2018)

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

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

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	Safety Testing Facility		
			IEC 61000-4-5: 2014, IS 14700 (Part 4/Sec 5)
921.	Electric immersion water heater	Abnormal operation (immunity to conducted disturbances, induced by radio-frequency fields)	Cl.19.11.4.5 of IS 302-2-201:2008 (Reaffirmed Year : 2018) Cl. 19.11.4.5 of IS 368 : 2014 (Reaffirmed Year : 2019) Cl.19.11.4.5 of IEC 60335-2-74:2021; IEC 61000-4-6: 2023
922.	Electric immersion water heater	Abnormal operation (voltage dips, short interruptions and voltage variations immunity tests for equipment with input current up to 16 a per phase)	Cl.19.11.4.6 of IS 302-2-201:2008 (Reaffirmed Year : 2018) Cl. 19.11.4.6 of IS 368 : 2014 (Reaffirmed Year : 2019) Cl.19.11.4.6 of IEC 60335-2-74:2021 IEC 61000-4-11: 2020, IS 14700 (Part 4/Sec 11)
923.	Electric immersion water heater	Abnormal operation (voltage dips, short interruptions and voltage variations immunity tests for equipment with mains current more than 16 a per phase)	Cl.19.11.4.6 of IEC 60335-2-74:2021; IEC 61000-4-34: 2005
924.	Electric immersion water heater	Abnormal operation (harmonics and inter harmonics including mains signaling at A.C. Power port, low frequency	Cl.19.11.4.7 of IS 302-2-201:2008 (Reaffirmed Year : 2018) Cl. 19.11.4.7 of IS 368 : 2014 (Reaffirmed Year : 2019)

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	Safety Testing Facility		
		immunity tests)	Cl.19.11.4.7 of IEC 60335-2-74:2021; IEC 61000-4-13: 2002
925.	Electric immersion water heater	Stability and mechanical hazards	Cl. 20 of IS 302-2-201:2008 (Reaffirmed Year: 2018) Cl. 20 of IS 368: 2014 (Reaffirmed Year: 2019) Cl. 20 of IEC 60335-2-74:2021
926.	Electric immersion water heater	Mechanical strength	Cl. 21 of IS 302-2-201:2008 (Reaffirmed Year : 2018) Cl. 21 of IS 368: 2014 (Reaffirmed Year: 2019) Cl. 21 of IEC 60335-2-74:2021
927.	Electric immersion water heater	Construction	Cl. 22 of IS 302-2-201:2008 (Reaffirmed Year: 2018) Cl. 22 of IS 368: 2014 (Reaffirmed Year: 2019) Cl. 22 of IEC 60335-2-74:2021
928.	Electric immersion water heater	Construction	Cl. 22.32 of IS 302-2-201:2008 (Reaffirmed Year: 2018); Cl. 22.32 of IS 368: 2014 (Reaffirmed Year: 2019) Cl. 22.32 of IEC 60335-2-74:2021
929.	Electric immersion water heater	Internal wiring	Cl. 23 of IS 302-2-201:2008 (Reaffirmed Year: 2018) Cl. 23 of IS 368: 2014 (Reaffirmed Year: 2019) Cl. 23 of IEC 60335-2-74:2021

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
930.	Electric immersion water heater	Components	Cl. 24 of IS 302-2-201:2008 (Reaffirmed Year: 2018) Cl. 24 of IS 368: 2014 (Reaffirmed Year: 2019) Cl. 24 of IEC 60335-2-74:2021
931.	Electric immersion water heater	Supply connection and external flexible cords	Cl. 25 of IS 302-2-201:2008 (Reaffirmed Year: 2018) Cl. 25 of IS 368: 2014 (Reaffirmed Year: 2019) Cl. 25 of IEC 60335-2-74:2021
932.	Electric immersion water heater	Terminals for external conductors	Cl. 26 of IS 302-2-201:2008 (Reaffirmed Year: 2018) Cl. 26 of IS 368: 2014 (Reaffirmed Year: 2019) Cl. 26 of IEC 60335-2-74:2021
933.	Electric immersion water heater	Provision for earthing	Cl. 27 of IS 302-2-201:2008 (Reaffirmed Year: 2018) Cl. 27 of IS 368: 2014 (Reaffirmed Year: 2019) Cl. 27 of IEC 60335-2-74:2021
934.	Electric immersion water heater	Screws and connections	Cl. 28 of IS 302-2-201:2008 (Reaffirmed Year: 2018) Cl. 28 of IS 368: 2014 (Reaffirmed Year: 2019) Cl. 28 of IEC 60335-2-74:2021

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
935.	Electric immersion water heater	Creepage distance & clearances / clearances, creepage distances and solid insulations	Cl. 29 of IS 302-2-201:2008 (Reaffirmed Year: 2018) Cl. 29 of IS 368: 2014 (Reaffirmed Year: 2019) Cl. 29 of IEC 60335-2-74:2021
936.	Electric immersion water heater	Resistance to heat and fire	Cl. 30 of IS 302-2-201:2008 (Reaffirmed Year: 2018) Cl. 30 of IS 368: 2014 (Reaffirmed Year: 2019) Cl. 30 of IEC 60335-2-74:2021
937.	Electric immersion water heater	Resistance to rusting	Cl. 31 of IS 302-2-201:2008 (Reaffirmed Year : 2018) Cl. 31 of IS 368 : 2014 (Reaffirmed Year : 2019) Cl. 31 of IEC 60335-2-74:2021
938.	Electric immersion water heater	Radiation, toxicity and similar hazards	Cl. 32 of IS 302-2-201:2008 (Reaffirmed Year: 2018) Cl. 32 of IS 368: 2014 (Reaffirmed Year: 2019) Cl. 32 of IEC 60335-2-74:2021
939.	Electric immersion water heater	General requirement	Cl.4 of IEC 60335-2-74: 2021
940.	Electric immersion water heater	Rating	cl.5 of IEC 60335-2-74: 2021
941.	Electric immersion water heater	Classification	cl.6 of IEC 60335-2-74: 2021

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
942.	Electric immersion water heater	Marking and instructions	Cl.7, IEC 60335-2-74: 2021
943.	Electric immersion water heater	Protection against access to live parts	Cl.8, IEC 60335-2-74: 2021
944.	Electric immersion water heater	Power input and current	Cl.10, IEC 60335-2-74: 2021
945.	Electric immersion water heater	Heating	Cl.11, IEC 60335-2-74: 2021
946.	Electric immersion water heater	Leakage current and electric strength at operating temperature	Cl.13, IEC 60335-2-74: 2021
947.	Electric immersion water heater	Transient over voltage	Cl.14, IEC 60335-2-74: 2021
948.	Electric immersion water heater	Moisture resistance	Cl.15, IEC 60335-2-74: 2021
949.	Electric immersion water heater	Leakage current and electric strength	Cl.16, IEC 60335-2-74: 2021
950.	Electric immersion water heater	Overload protection of transformer and associated circuits	Cl.17, IEC 60335-2-74: 2021
951.	Electric immersion water heater	Abnormal operation	Cl.19, IEC 60335-2-74: 2021
952.	Electric immersion water heater	Stability and mechanical hazards	Cl.20, IEC 60335-2-74: 2021
953.	Electric immersion water heater	Mechanical strength	Cl.21, IEC 60335-2-74: 2021

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
954.	Electric immersion water heater	Construction	Cl.22, IEC 60335-2-74: 2021
955.	Electric immersion water heater	Internal wiring	Cl.23, IEC 60335-2-74: 2021
956.	Electric immersion water heater	Components	Cl.24, IEC 60335-2-74: 2021
957.	Electric immersion water heater	Supply connection and external flexible cords	Cl.25, IEC 60335-2-74: 2021
958.	Electric immersion water heater	Terminal for external conductor	Cl.26, IEC 60335-2-74: 2021
959.	Electric immersion water heater	Provision for earthing	Cl.27, IEC 60335-2-74: 2021
960.	Electric immersion water heater	Screws and connections	Cl.28, IEC 60335-2-74: 2021
961.	Electric immersion water heater	Clearances, creepage distances and solid insulation	Cl.29, IEC 60335-2-74: 2021
962.	Electric immersion water heater	Resistance to heat and fire	Cl.30, IEC 60335-2-74: 2021
963.	Electric immersion water heater	Resistance to rusting	Cl.31, IEC 60335-2-74: 2021
964.	Electric immersion water heater	Radiation, toxicity and similar hazards	Cl.32, IEC 60335-2-74: 2021
965.	Stationary storage type electric water heaters	General requirement	Cl. 4 of IS 302-2-21:2018 Cl. 4 of IEC 60335-2-21:2022
966.	Stationary storage type electric water heaters	General condition for the test	Cl. 5 of IS 302-2-21:2018 Cl. 5 of IEC 60335-2-21:2022

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
967.	Stationary storage type electric water heaters	Classification	Cl. 6 of IS 302-2-21:2018 Cl. 6 of IEC 60335-2-21:2022
968.	Stationary storage type electric water heaters	Marking and instruction	Cl. 7 of IS 302-2-21:2018; Cl. 8 of IEC 60335-2-21:2022
969.	Stationary storage type electric water heaters	Protection against electric shock	Cl. 8 of IS 302-2-21:2018 Cl. 8 of IEC 60335-2-21:2022
970.	Stationary storage type electric water heaters	Starting for motor operated appliances	Cl. 9 of IS 302-2-21:2018 Cl. 9 of IEC 60335-2-21:2022
971.	Stationary storage type electric water heaters	Power input and current	Cl. 10 of IS 302-2-21:2018 Cl. 10 of IEC 60335-2-21:2022
972.	Stationary storage type electric water heaters	Heating/ temperature rise test	Cl. 11 of IS 302-2-21:2018 Cl. 11 of IEC 60335-2-21:2022
973.	Stationary storage type electric water heaters	Leakage current and electric strength at operating temperature	Cl. 13 of IS 302-2-21:2018 Cl. 13 of IEC 60335-2-21:2022
974.	Stationary storage type electric water heaters	Transient over voltage	Cl. 14 of IS 302-2-21:2018 Cl. 14 of IEC 60335-2-21:2022
975.	Stationary storage type electric water heaters	Moisture resistance	Cl. 15 of IS 302-2-21:2018 Cl. 15 of IEC 60335-2-21:2022

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
976.	Stationary storage type electric water heaters	Leakage current and electric strength	Cl. 16 of IS 302-2-21:2018 Cl. 16 of IEC 60335-2-21:2022
977.	Stationary storage type electric water heaters	Overload protection/ overload protection of transformer and associated circuits	Cl. 17 of IS 302-2-21:2018 Cl. 17 of IEC 60335-2-21:2022
978.	Stationary storage type electric water heaters	Abnormal operation	Cl. 19 of IS 302-2-21:2018 Cl. 19 of IEC 60335-2-21:2022
979.	Stationary storage type electric water heaters	Abnormal operation (electrostatic discharge immunity test)	Cl.19.11.4.1 IS 302-2-21:2018 Cl. 19.11.4.1 of IEC 60335-2-21:2022; IEC 61000-4-2: 2008, IS 14700 (Part 4/Sec 2:2018)
980.	Stationary storage type electric water heaters	Abnormal operation (radiated, radio-frequency, electromagnetic field immunity test)	Cl.19.11.4.2 of IS 302-2-21:2018 Cl.19.11.4.2 of IEC 60335-2-21:2022; IEC 61000-4-3: 2008, IS 14700 (Part 4/Sec 3:2023)
981.	Stationary storage type electric water heaters	Abnormal operation (electrical fast transient/burst immunity test)	Cl.19.11.4.3 of IS 302-2-21:2018 Cl.19.11.4.3 of IEC 60335-2-21:2022; IEC 61000-4-4: 2012, IS 14700 (Part 4/Sec 4)
982.	Stationary storage type electric water heaters	Abnormal operation (surge immunity test)	Cl.19.11.4.4 of IS 302-2-21:2018 Cl.19.11.4.4 of IEC 60335-2-21:2022; IEC 61000-4-5: 2014, IS 14700 (Part 4/Sec 5)

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
983.	Stationary storage type electric water heaters	Abnormal operation (immunity to conducted disturbances, induced by radio-frequency fields)	Cl.19.11.4.5 of IS 302-2-21:2018 Cl.19.11.4.5 of IEC 60335-2-21:2022 IEC 61000-4-6: 2023
984.	Stationary storage type electric water heaters	Abnormal operation (voltage dips, short interruptions and voltage variations immunity tests for equipment with input current up to 16 a per phase)	Cl.19.11.4.6 of IS 302-2-21:2018 Cl.19.11.4.6 of IEC 60335-2-21:2022 IEC 61000-4-11: 2020, IS 14700 (Part 4/Sec 11)
985.	Stationary storage type electric water heaters	Abnormal operation (voltage dips, short interruptions and voltage variations immunity tests for equipment with mains current more than 16 a per phase)	Cl.19.11.4.6 of IEC 60335-2-21:2022; IEC 61000-4-34: 2005
986.	Stationary storage type electric water heaters	Abnormal operation (harmonics and inter harmonics including mains signalling at A.C. Power port, low frequency immunity tests)	Cl.19.11.4.7 of IS 302-2-21:2018 Cl.19.11.4.7 of IEC 60335-2-21:2022; IEC 61000-4-13: 2002
987.	Stationary storage type electric water heaters	Stability and mechanical hazards	Cl. 20 of IS 302-2-21:2018 Cl. 20 of IEC 60335-2-21:2022

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
988.	Stationary storage type electric water heaters	Mechanical strength	Cl. 21 of IS 302-2-21:2018 Cl. 21 of IEC 60335-2-21:2022
989.	Stationary storage type electric water heaters	Construction	Cl. 22 of IS 302-2-21:2018 Cl. 22 of IEC 60335-2-21:2022
990.	Stationary storage type electric water heaters	Construction	Cl. 22.32 of IS 302-2-21:2018 Cl. 22.32 of IEC 60335-2-21:2022
991.	Stationary storage type electric water heaters	Internal wiring	Cl. 23 of IS 302-2-21:2018 Cl. 23 of IEC 60335-2-21:2022
992.	Stationary storage type electric water heaters	Components	Cl. 24 of IS 302-2-21:2018 Cl. 24 of IEC 60335-2-21:2022
993.	Stationary storage type electric water heaters	Supply connection and external flexible cords	Cl. 25 of IS 302-2-21:2018 Cl. 25 of IEC 60335-2-21:2022
994.	Stationary storage type electric water heaters	Terminals for external conductors	Cl. 26 of IS 302-2-21:2018 Cl. 26 of IEC 60335-2-21:2022
995.	Stationary storage type electric water heaters	Provision for earthing	Cl. 27 of IS 302-2-21:2018 Cl. 27 of IEC 60335-2-21:2022
996.	Stationary storage type electric water heaters	Screws and connections	Cl. 28 of IS 302-2-21:2018 Cl. 28 of IEC 60335-2-21:2022
997.	Stationary storage type electric water heaters	Creepage distance & clearances / clearances, creepage distances and solid insulations	Cl. 29 of IS 302-2-21:2018 Cl. 29 of IEC 60335-2-21:2022

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
998.	Stationary storage type electric water heaters	Resistance to heat and fire	Cl. 30 of IS 302-2-21:2018 Cl. 30 of IEC 60335-2-21:2022
999.	Stationary storage type electric water heaters	Resistance to rusting	Cl. 31 of IS 302-2-21:2018 Cl. 31 of IEC 60335-2-21:2022
1000.	Stationary storage type electric water heaters	Radiation, toxicity and similar hazards	Cl. 32 of IS 302-2-21:2018 Cl. 32 of IEC 60335-2-21:2022
1001.	Commercial dispensing appliances and vending machines	General requirement	Cl. 4 of IS 302-2-75:2018 Cl. 4 of IEC 60335-2-75:2012+A2
1002.	Commercial dispensing appliances and vending machines	General condition for the test	Cl. 5 of IS 302-2-75:2018 Cl. 5 of IEC 60335-2-75:2012+A2
1003.	Commercial dispensing appliances and vending machines	Classification	Cl. 6 of IS 302-2-75:2018 Cl. 6 of IEC 60335-2-75:2012+A2
1004.	Commercial dispensing appliances and vending machines	Marking and instruction	Cl. 7 of IS 302-2-75:2018; Cl. 8 of IEC 60335-2-75:2012+A2
1005.	Commercial dispensing appliances and vending machines	Protection against electric shock	Cl. 8 of IS 302-2-75:2018 Cl. 8 of IEC 60335-2-75:2012+A2
1006.	Commercial dispensing appliances and vending machines	Starting for motor operated appliances	Cl. 9 of IS 302-2-75:2018 Cl. 9 of IEC 60335-2-75:2012+A2

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
1007.	Commercial dispensing appliances and vending machines	Power input and current	Cl. 10 of IS 302-2-75:2018 Cl. 10 of IEC 60335-2-75:2012+A2
1008.	Commercial dispensing appliances and vending machines	Heating/ temperature rise test	Cl. 11 of IS 302-2-75:2018 Cl. 11 of IEC 60335-2-75:2012+A2
1009.	Commercial dispensing appliances and vending machines	Leakage current and electric strength at operating temperature	Cl. 13 of IS 302-2-75:2018 Cl. 13 of IEC 60335-2-75:2012+A2
1010.	Commercial dispensing appliances and vending machines	Transient over voltage	Cl. 14 of IS 302-2-75:2018 Cl. 14 of IEC 60335-2-75:2012+A2
1011.	Commercial dispensing appliances and vending machines	Moisture resistance	Cl. 15 of IS 302-2-75:2018 Cl. 15 of IEC 60335-2-75:2012+A2
1012.	Commercial dispensing appliances and vending machines	Moisture resistance	Cl. 15.101 of IS 302-2-75:2018 Cl. 15 of IEC 60335-2-75:2012+A2
1013.	Commercial dispensing appliances and vending machines	Moisture resistance	Cl. 15.102 of IS 302-2-75:2018 Cl. 15 of IEC 60335-2-75:2012+A2
1014.	Commercial dispensing appliances and vending machines	Leakage current and electric strength	Cl. 16 of IS 302-2-75:2018 Cl. 16 of IEC 60335-2-75:2012+A2
1015.	Commercial dispensing appliances and vending machines	Overload protection/ overload protection of transformer and	Cl. 17 of IS 302-2-75:2018 Cl. 17 of IEC 60335-2-75:2012+A2

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
	machines	associated circuits	
1016.	Commercial dispensing appliances and vending machines	Abnormal operation	Cl. 19 of IS 302-2-75:2018 Cl. 19 of IEC 60335-2-75:2012+A2
1017.	Commercial dispensing appliances and vending machines	Abnormal operation (electrostatic discharge immunity test)	Cl.19.11.4.1 IS 302-2-75:2018 Cl. 19.11.4.1 of IEC 60335-2-75:2012+A2; IEC 61000-4-2: 2008, IS 14700 (Part 4/Sec 2:2018)
1018.	Commercial dispensing appliances and vending machines	Abnormal operation (radiated, radio-frequency, electromagnetic field immunity test)	Cl.19.11.4.2 of IS 302-2-75:2018 Cl.19.11.4.2 of IEC 60335-2-75:2012+A2; IEC 61000-4-3: 2008, IS 14700 (Part 4/Sec 3:2023)
1019.	Commercial dispensing appliances and vending machines	Abnormal operation (electrical fast transient/burst immunity test)	Cl.19.11.4.3 of IS 302-2-75:2018 Cl.19.11.4.3 of IEC 60335-2-75:2012+A2; IEC 61000-4-4: 2012, IS 14700 (Part 4/Sec 4)
1020.	Commercial dispensing appliances and vending machines	Abnormal operation (surge immunity test)	Cl.19.11.4.4 of IS 302-2-75:2018 Cl.19.11.4.4 of IEC 60335-2-75:2012+A2; IEC 61000-4-5: 2014, IS 14700 (Part 4/Sec 5)
1021.	Commercial dispensing appliances and vending machines	Abnormal operation (immunity to conducted disturbances, induced by radio-frequency fields)	Cl.19.11.4.5 of IS 302-2-75:2018 Cl.19.11.4.5 of IEC 60335-2-75:2012+A2; IEC 61000-4-6: 2023



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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
1022.	Commercial dispensing appliances and vending machines	Abnormal operation (voltage dips, short interruptions and voltage variations immunity tests for equipment with input current up to 16 a per phase)	Cl.19.11.4.6 of IS 302-2-75:2018 Cl.19.11.4.6 of IEC 60335-2-75:2012+A2; IEC 61000-4-11: 2020, IS 14700 (Part 4/Sec 11)
1023.	Commercial dispensing appliances and vending machines	Abnormal operation (voltage dips, short interruptions and voltage variations immunity tests for equipment with mains current more than 16 a per phase)	Cl.19.11.4.6 of IEC 60335-2-75:2012+A2; IEC 61000-4-34: 2005
1024.	Commercial dispensing appliances and vending machines	Abnormal operation (harmonics and interharmonics including mains signaling at A.C. Power port, low frequency immunity tests)	Cl.19.11.4.7 of IS 302-2-75:2018 Cl.19.11.4.7 of IEC 60335-2-75:2012+A2; IEC 61000-4-13: 2002
1025.	Commercial dispensing appliances and vending machines	Abnormal operation	Cl. 19.101 of IS 302-2-75:2018, Cl. 19.101 of IEC 60335-2-75: 2012 +A2
1026.	Commercial dispensing appliances and vending machines	Abnormal operation	Cl. 19.101 of IS 302-2-75:2018 Cl. 19.101 of IEC 60335-2-75:2012+A2

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	Safety Testing Facility		
1027.	Commercial dispensing appliances and vending machines	Stability and mechanical hazards	Cl. 20 of IS 302-2-75:2018 Cl. 20 of IEC 60335-2-75:2012+A2
1028.	Commercial dispensing appliances and vending machines	Mechanical strength	Cl. 21 of IS 302-2-75:2018 Cl. 21 of IEC 60335-2-75:2012+A2
1029.	Commercial dispensing appliances and vending machines	Construction	Cl. 22 of IS 302-2-75:2018 Cl. 22 of IEC 60335-2-75:2012+A2
1030.	Commercial dispensing appliances and vending machines	Construction	Cl. 22.101- 22.114 of IS 302-2-75:2018; Cl. 22.101- 22.114 of IEC 60335-2-75:2012+A2
1031.	Commercial dispensing appliances and vending machines	Construction	Cl. 22.32 of IS 302-2-75:2018 Cl. 22.32 of IEC 60335-2-75:2012+A2
1032.	Commercial dispensing appliances and vending machines	Internal wiring	Cl. 23 of IS 302-2-75:2018 Cl. 23 of IEC 60335-2-75:2012+A2
1033.	Commercial dispensing appliances and vending machines	Internal wiring	Cl. 23.101 of IS 302-2-75:2018 Cl. 23.101 of IEC 60335-2-75:2012+A2
1034.	Commercial dispensing appliances and vending machines	Internal wiring	Cl. 23.102 of IS 302-2-75:2018 Cl. 23.102 of IEC 60335-2-75:2012+A2

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	Safety Testing Facility		
1035.	Commercial dispensing appliances and vending machines	Internal wiring	Cl. 23.104 of IS 302-2-75:2018 Cl. 23.104 of IEC 60335-2-75:2012+A2
1036.	Commercial dispensing appliances and vending machines	Components	Cl. 24 of IS 302-2-75:2018 Cl. 24 of IEC 60335-2-75:2012+A2
1037.	Commercial dispensing appliances and vending machines	Components	Cl. 24.101 of IS 302-2-75:2018 Cl. 24.101 of IEC 60335-2-75:2012+A2
1038.	Commercial dispensing appliances and vending machines	Components	Cl. 24.102 of IS 302-2-75:2018 Cl. 24.102 of IEC 60335-2-75:2012+A2
1039.	Commercial dispensing appliances and vending machines	Components	Cl. 24.103 of IS 302-2-75:2018 Cl. 24.103 of IEC 60335-2-75:2012+A2
1040.	Commercial dispensing appliances and vending machines	Supply connection and external flexible cords	Cl. 25 of IS 302-2-75:2018 Cl. 25 of IEC 60335-2-75:2012+A2
1041.	Commercial dispensing appliances and vending machines	Terminals for external conductors	Cl. 26 of IS 302-2-75:2018 Cl. 26 of IEC 60335-2-75:2012+A2
1042.	Commercial dispensing appliances and vending machines	Provision for earthing	Cl. 27 of IS 302-2-75:2018 Cl. 27 of IEC 60335-2-75:2012+A2

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
1043.	Commercial dispensing appliances and vending machines	Screws and connections	Cl. 28 of IS 302-2-75:2018 Cl. 28 of IEC 60335-2-75:2012+A2
1044.	Commercial dispensing appliances and vending machines	Creepage distance & clearances / clearances, creepage distances and solid insulations	Cl. 29 of IS 302-2-75:2018 Cl. 29 of IEC 60335-2-75:2012+A2
1045.	Commercial dispensing appliances and vending machines	Resistance to heat and fire	Cl. 30 of IS 302-2-75:2018 Cl. 30 of IEC 60335-2-75:2012+A2
1046.	Commercial dispensing appliances and vending machines	Resistance to rusting	Cl. 31 of IS 302-2-75:2018 Cl. 31 of IEC 60335-2-75:2012+A2
1047.	Commercial dispensing appliances and vending machines	Radiation, toxicity and similar hazards	Cl. 32 of IS 302-2-75:2018 Cl. 32 of IEC 60335-2-75:2012+A2
1048.	Particular requirements for grills, toasters and similar portable cooking appliances	General requirement	Cl. 4 of IS 302-2-9:2009 (Reaffirmed Year: 2014), Cl. 4 of IEC 60335-2-9: 2019
1049.	Particular requirements for grills, toasters and similar portable cooking appliances	General condition for the test	Cl. 5 of IS 302-2-9:2009 (Reaffirmed Year: 2014), Cl. 5 of IEC 60335-2-9: 2019
1050.	Particular requirements for grills, toasters and similar portable cooking appliances	Classification	Cl. 6 of IS 302-2-9:2009 (Reaffirmed Year: 2014), Cl. 6 of IEC 60335-2-9: 2019

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
1051.	Particular requirements for grills, toasters and similar portable cooking appliances	Marking and instruction	Cl. 7 of IS 302-2-9:2009 (Reaffirmed Year: 2014), Cl. 7 of IEC 60335-2-9: 2019
1052.	Particular requirements for grills, toasters and similar portable cooking appliances	Marking and instruction	Cl. 7.1 to 7.13, 7.15, 7.14, 7.16 of IS 302-2-9:2009 (Reaffirmed Year: 2014), Cl. 7.1 to 7.13, 7.15, 7.16 of IEC 60335-2-9: 2019
1053.	Particular requirements for grills, toasters and similar portable cooking appliances	Protection against electric shock	Cl. 8, 8.1, 8.1.1 & 8.2 of IS 302-2-9:2009 (Reaffirmed Year: 2014), Cl. 8, 8.1, 8.1.1 & 8.2 of IEC 60335-2-9: 2019
1054.	Particular requirements for grills, toasters and similar portable cooking appliances	Protection against electric shock	Cl. 8.1.2 of IS 302-2-9:2009 (Reaffirmed Year: 2014), Cl. 8.1.2 of IEC 60335-2-9: 2019
1055.	Particular requirements for grills, toasters and similar portable cooking appliances	Protection against electric shock	Cl. 8.1.3 of IS 302-2-9:2009 (Reaffirmed Year: 2014), Cl. 8.1.3 of IEC 60335-2-9: 2019
1056.	Particular requirements for grills, toasters and similar portable cooking appliances	Protection against electric shock	Cl. 8.1.4 of IS 302-2-9:2009 (Reaffirmed Year: 2014), Cl. 8.1.4 of IEC 60335-2-9: 2019

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
1057.	Particular requirements for grills, toasters and similar portable cooking appliances	Protection against electric shock	Cl. 8.1.5 of IS 302-2-9:2009 (Reaffirmed Year: 2014), Cl. 8.1.5 of IEC 60335-2-9: 2019
1058.	Particular requirements for grills, toasters and similar portable cooking appliances	Starting for motor operated appliances	Cl. 9 of IS 302-2-9:2009 (Reaffirmed Year: 2014), Cl. 9 of IEC 60335-2-9: 2019
1059.	Particular requirements for grills, toasters and similar portable cooking appliances	Power input and current	Cl. 10 of IS 302-2-9:2009 (Reaffirmed Year: 2014); Cl. 10 of IEC 60335-2-9: 2019
1060.	Particular requirements for grills, toasters and similar portable cooking appliances	Heating/ temperature rise test	Cl. 11 of IS 302-2-9:2009 (Reaffirmed Year: 2014); Cl. 11 of IEC 60335-2-9: 2019
1061.	Particular requirements for grills, toasters and similar portable cooking appliances	Leakage current and electric strength at operating temperature	Cl. 13 of IS 302-2-9:2009 (Reaffirmed Year: 2014); Cl. 13 of IEC 60335-2-9: 2019
1062.	Particular requirements for grills, toasters and similar portable cooking appliances	Leakage current and electric strength at operating temperature	Cl. 13.1 & 13.2 of IS 302-2-9:2009 (Reaffirmed Year: 2014); Cl. 13.1 & 13.2 of IEC 60335-2-9: 2019
1063.	Particular requirements for grills, toasters and similar portable cooking appliances	Leakage current and electric strength at operating temperature	Cl. 13.3 of IS 302-2-9:2009 (Reaffirmed Year: 2014); Cl. 13.3 of IEC 60335-2-9: 2019

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
1064.	Particular requirements for grills, toasters and similar portable cooking appliances	Transient over voltage	Cl. 14 of IS 302-2-9:2009 (Reaffirmed Year: 2014); Cl. 14 of IEC 60335-2-9: 2019
1065.	Particular requirements for grills, toasters and similar portable cooking appliances	Moisture resistance	Cl. 15 of IS 302-2-9:2009 (Reaffirmed Year: 2014); Cl. 15 of IEC 60335-2-9: 2019
1066.	Particular requirements for grills, toasters and similar portable cooking appliances	Moisture resistance	Cl. 15.1 of IS 302-2-9:2009 (Reaffirmed Year: 2014) Cl. 15.1 of IEC 60335-2-9: 2019
1067.	Particular requirements for grills, toasters and similar portable cooking appliances	Moisture resistance	Cl. 15.2 of IS 302-2-9:2009 (Reaffirmed Year: 2014) Cl. 15.2 of IEC 60335-2-9: 2019
1068.	Particular requirements for grills, toasters and similar portable cooking appliances	Moisture resistance	Cl. 15.3 of IS 302-2-9:2009 (Reaffirmed Year: 2014) Cl. 15.3 of IEC 60335-2-9: 2019
1069.	Particular requirements for grills, toasters and similar portable cooking appliances	Leakage current and electric strength	Cl. 16 of IS 302-2-9:2009 (Reaffirmed Year: 2014); Cl. 16 of IEC 60335-2-9: 2019
1070.	Particular requirements for grills, toasters and similar portable cooking appliances	Leakage current and electric strength	Cl. 16.1 & 16.2 of IS 302-2-9:2009 (Reaffirmed Year: 2014); Cl. 16.1 & 16.2 of IEC 60335-2-9: 2019

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
1071.	Particular requirements for grills, toasters and similar portable cooking appliances	Leakage current and electric strength	Cl. 16.3 of IS 302-2-9:2009 (Reaffirmed Year: 2014) Cl. 16.3 of IEC 60335-2-9: 2019
1072.	Particular requirements for grills, toasters and similar portable cooking appliances	Overload protection/ overload protection of transformer and associated circuits	Cl. 17 of IS 302-2-9:2009 (Reaffirmed Year: 2014); Cl. 17 of IEC 60335-2-9: 2019
1073.	Particular requirements for grills, toasters and similar portable cooking appliances	Endurance	Cl. 18 of IS 302-2-9:2009 (Reaffirmed Year: 2014), Cl. 18 of IEC 60335-2-9: 2019
1074.	Particular requirements for grills, toasters and similar portable cooking appliances	Abnormal operation	Cl. 19 of IS 302-2-9:2009 (Reaffirmed Year: 2014); Cl. 19 of IEC 60335-2-9: 2019
1075.	Particular requirements for grills, toasters and similar portable cooking appliances	Abnormal operation (electrostatic discharge immunity test)	Cl.19.11.4.1 IS 302-2-9:2009 (Reaffirmed Year: 2014), Cl. 19.11.4.1 of IEC 60335-2-9: 2019, IEC 61000-4-2: 2008, IS 14700 (Part 4/Sec 2:2018)
1076.	Particular requirements for grills, toasters and similar portable cooking appliances	Abnormal operation (radiated, radio-frequency, electromagnetic field immunity test)	Cl.19.11.4.2 IS 302-2-9:2009 (Reaffirmed Year: 2014), Cl. 19.11.4.2 of IEC 60335-2-9: 2019, IEC 61000-4-3: 2008, IS 14700 (Part 4/Sec 3:2023)

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	Safety Testing Facility		
1077.	Particular requirements for grills, toasters and similar portable cooking appliances	Abnormal operation (electrical fast transient/burst immunity test)	Cl.19.11.4.3 IS 302-2-9:2009 (Reaffirmed Year: 2014), Cl. 19.11.4.3 of IEC 60335-2-9: 2019; IEC 61000-4-4: 2012, IS 14700 (Part 4/Sec 4)
1078.	Particular requirements for grills, toasters and similar portable cooking appliances	Abnormal operation (surge immunity test)	Cl.19.11.4.4 IS 302-2-9:2009 (Reaffirmed Year: 2014), Cl. 19.11.4.4 of IEC 60335-2-9: 2019; IEC 61000-4-5: 2014, IS 14700 (Part 4/Sec 5)
1079.	Particular requirements for grills, toasters and similar portable cooking appliances	Abnormal operation (Immunity to conducted disturbances, induced by radio-frequency fields)	Cl.19.11.4.5 IS 302-2-9:2009 (Reaffirmed Year: 2014), Cl. 19.11.4.5 of IEC 60335-2-9: 2019; IEC 61000-4-6: 2023
1080.	Particular requirements for grills, toasters and similar portable cooking appliances	Abnormal operation (voltage dips, short interruptions and voltage variations immunity tests for equipment with input current up to 16 a per phase)	Cl.19.11.4.6 IS 302-2-9:2009 (Reaffirmed Year: 2014) , Cl. 19.11.4.6 of IEC 60335-2-9: 2019 IEC 61000-4-11: 2020, IS 14700 (Part 4/Sec 11)
1081.	Particular requirements for grills, toasters and similar portable cooking appliances	Abnormal operation (voltage dips, short interruptions and voltage variations immunity tests for equipment with mains current more than 16 a per phase)	Cl. 19.11.4.6 of IEC 60335-2-9: 2019 IEC 61000-4-34: 2005

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
1082.	Particular requirements for grills, toasters and similar portable cooking appliances	Abnormal operation (harmonics and inter harmonics including mains signaling at A.C. Power port, low frequency immunity tests)	Cl.19.11.4.7 IS 302-2-9:2009 (Reaffirmed Year: 2014), Cl. 19.11.4.7 of IEC 60335-2-9: 2019 IEC 61000-4-13: 2002
1083.	Particular requirements for grills, toasters and similar portable cooking appliances	Stability and mechanical hazards	Cl. 20 of IS 302-2-9:2009 (Reaffirmed Year: 2014), Cl. 20 of IEC 60335-2-9: 2019
1084.	Particular requirements for grills, toasters and similar portable cooking appliances	Mechanical strength	Cl. 21 of IS 302-2-9:2009 (Reaffirmed Year: 2014), Cl. 21 of IEC 60335-2-9: 2019
1085.	Particular requirements for grills, toasters and similar portable cooking appliances	Construction	Cl. 22 of IS 302-2-9:2009 (Reaffirmed Year: 2014), Cl. 22 of IEC 60335-2-9: 2019
1086.	Particular requirements for grills, toasters and similar portable cooking appliances	Construction	Cl. 22.32 of IS 302-2-9:2009 (Reaffirmed Year: 2014), Cl. 22.32 of IEC 60335-2-9: 2019
1087.	Particular requirements for grills, toasters and similar portable cooking appliances	Internal wiring	Cl. 23 of IS 302-2-9:2009 (Reaffirmed Year: 2014), Cl. 23 of IEC 60335-2-9: 2019
1088.	Particular requirements for grills, toasters and similar portable cooking appliances	Components	Cl. 24 of IS 302-2-9:2009 (Reaffirmed Year: 2014); Cl. 24 of IEC 60335-2-9: 2019

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
1089.	Particular requirements for grills, toasters and similar portable cooking appliances	Supply connection and external flexible cords	Cl. 25 of IS 302-2-9:2009 (Reaffirmed Year: 2014); Cl. 25 of IEC 60335-2-9: 2019
1090.	Particular requirements for grills, toasters and similar portable cooking appliances	Terminals for external conductors	Cl. 26 of IS 302-2-9:2009 (Reaffirmed Year: 2014); Cl. 26 of IEC 60335-2-9: 2019
1091.	Particular requirements for grills, toasters and similar portable cooking appliances	Provision for earthing	Cl. 27 of IS 302-2-9:2009 (Reaffirmed Year: 2014); Cl. 27 of IEC 60335-2-9: 2019
1092.	Particular requirements for grills, toasters and similar portable cooking appliances	Screws and connections	Cl. 28 of IS 302-2-9:2009 (Reaffirmed Year: 2014); Cl. 28 of IEC 60335-2-9: 2019
1093.	Particular requirements for grills, toasters and similar portable cooking appliances	Creepage distance & clearances / clearances, creepage distances and solid insulations	Cl. 29 of IS 302-2-9:2009 (Reaffirmed Year: 2014); Cl. 29 of IEC 60335-2-9: 2019
1094.	Particular requirements for grills, toasters and similar portable cooking appliances	Resistance to heat and fire	Cl. 30 of IS 302-2-9:2009 (Reaffirmed Year: 2014); Cl. 30 of IEC 60335-2-9: 2019
1095.	Particular requirements for grills, toasters and similar portable cooking appliances	Resistance to heat and fire	Cl. 30.1 of IS 302-2-9:2009 (Reaffirmed Year: 2014) Cl. 30.1 of IEC 60335-2-9: 2019

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
1096.	Particular requirements for grills, toasters and similar portable cooking appliances	Resistance to heat and fire	Cl. 30.2 of IS 302-2-9:2009 (Reaffirmed Year: 2014) Cl. 30.2 of IEC 60335-2-9: 2019
1097.	Particular requirements for grills, toasters and similar portable cooking appliances	Resistance to heat and fire	Cl. 30.2.4 of IS 302-2-9:2009 (Reaffirmed Year: 2014) Cl. 30.2.4 of IEC 60335-2-9: 2019
1098.	Particular requirements for grills, toasters and similar portable cooking appliances	Resistance to rusting	Cl. 31 of IS 302-2-9:2009 (Reaffirmed Year: 2014); Cl. 31 of IEC 60335-2-9: 2019
1099.	Particular requirements for grills, toasters and similar portable cooking appliances	Radiation, toxicity and similar hazards	Cl. 32 of IS 302-2-9:2009 (Reaffirmed Year: 2014); Cl. 32 of IEC 60335-2-9: 2019
1100.	Commercial refrigerating appliances and ice-makers with an incorporated or remote refrigerant unit or motor-compressor	General requirement	Cl.4 of IEC 60335-2- 89: 2019
1101.	Commercial refrigerating appliances and ice-makers with an incorporated or remote refrigerant unit or motor-compressor	General condition for the test	Cl.5 of IEC 60335-2- 89: 2019
1102.	Commercial refrigerating appliances and ice-makers with an incorporated or	Classification	Cl.6 of IEC 60335-2- 89: 2019

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	Safety Testing Facility		
	remote refrigerant unit or motor-compressor		
1103.	Commercial refrigerating appliances and ice-makers with an incorporated or remote refrigerant unit or motor-compressor	Marking / marking & instructions	Cl.7 of IEC 60335-2- 89: 2019
1104.	Commercial refrigerating appliances and ice-makers with an incorporated or remote refrigerant unit or motor-compressor	Protection against electric shock / protection against access to live parts	Cl.8 of IEC 60335-2- 89: 2019
1105.	Commercial refrigerating appliances and ice-makers with an incorporated or remote refrigerant unit or motor-compressor	Input and current /power input and current	Cl.10 of IEC 60335- 2-89: 2019
1106.	Commercial refrigerating appliances and ice-makers with an incorporated or remote refrigerant unit or motor-compressor	Temperature rise / heating	Cl.11 of IEC 60335- 2-89: 2019



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

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

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	Safety Testing Facility		
1117.	Commercial refrigerating appliances and ice-makers with an incorporated or remote refrigerant unit or motor-compressor	Abnormal operation (immunity to conducted disturbances, induced by radio-frequency fields)	Cl.19.11.4.5 of IEC 60335- 2-89: 2019; IEC 61000-4-6: 2023
1118.	Commercial refrigerating appliances and ice-makers with an incorporated or remote refrigerant unit or motor-compressor	Abnormal operation (voltage dips, short interruptions and voltage variations immunity tests for equipment with input current up to 16 a per phase)	Cl.19.11.4.6 of IEC 60335- 2-89: 2019 IEC 61000-4-11: 2020, IS 14700 (Part 4/Sec 11)
1119.	Commercial refrigerating appliances and ice-makers with an incorporated or remote refrigerant unit or motor-compressor	Abnormal operation (voltage dips, short interruptions and voltage variations immunity tests for equipment with mains current more than 16 a per phase)	Cl.19.11.4.6 of IEC 60335- 2-89: 2019; IEC 61000-4-34: 2005
1120.	Commercial refrigerating appliances and ice-makers with an incorporated or remote refrigerant unit or motor-compressor	Abnormal operation (harmonics and interharmonics including mains signaling at A.C. Power port, low frequency immunity tests)	Cl.19.11.4.7 of IEC 60335- 2-89: 2019; IEC 61000-4-13: 2002
1121.	Commercial refrigerating appliances and ice-makers with an incorporated or	Stability and mechanical hazards	Cl.20 of IEC 60335- 2-89: 2019

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

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
	motor-compressor		
1127.	Commercial refrigerating appliances and ice-makers with an incorporated or remote refrigerant unit or motor-compressor	Terminals for external conductors	Cl.26 of IEC 60335- 2-89: 2019
1128.	Commercial refrigerating appliances and ice-makers with an incorporated or remote refrigerant unit or motor-compressor	Provision for earthing	Cl.27 of IEC 60335- 2-89: 2019
1129.	Commercial refrigerating appliances and ice-makers with an incorporated or remote refrigerant unit or motor-compressor	Screws and connections	Cl.28 of IEC 60335- 2-89: 2019
1130.	Commercial refrigerating appliances and ice-makers with an incorporated or remote refrigerant unit or motor-compressor	Creepage distance & clearances / clearances, creepage distances and solid insulations	Cl.29 of IEC 60335- 2-89: 2019
1131.	Commercial refrigerating appliances and ice-makers with an incorporated or remote refrigerant unit or motor-compressor	Resistance to heat, fire and tracking / resistance to heat and fire	Cl.30 of IEC 60335- 2-89: 2019

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
1132.	Commercial refrigerating appliances and ice-makers with an incorporated or remote refrigerant unit or motor-compressor	Resistance to rusting	Cl.31 of IEC 60335- 2-89: 2019
1133.	Commercial refrigerating appliances and ice-makers with an incorporated or remote refrigerant unit or motor-compressor	Radiation, toxicity and similar hazards	Cl. 32 of IEC 60335- 2-89: 2019
1134.	Refrigerators, food- freezers and ice- makers	General requirement	Cl.4 of IS: 302-2- 24: 1994
1135.	Refrigerators, food- freezers and ice- makers	Rating	cl.5 of IS: 302-2- 24: 1994
1136.	Refrigerators, food- freezers and ice- makers	Classification	cl.6 of IS: 302-2- 24: 1994
1137.	Refrigerators, food- freezers and ice- makers	Marking	cl.7 of IS: 302-2- 24: 1994
1138.	Refrigerators, food- freezers and ice- makers	Protection against access to live parts	cl.8 of IS: 302-2- 24: 1994
1139.	Refrigerators, food- freezers and ice- makers	Starting of motor operating appliances	cl.9 of IS: 302-2- 24: 1994
1140.	Refrigerators, food- freezers and ice- makers	Input	cl.10 of IS: 302-2- 24: 1994
1141.	Refrigerators, food- freezers and ice- makers	Temperature rise	cl.11 of IS: 302-2- 24: 1994

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
1142.	Refrigerators, food- freezers and ice- makers	Operation under overload condition of appliances with heating elements	cl.12 of IS: 302-2- 24: 1994
1143.	Refrigerators, food- freezers and ice- makers	Leakage current and electric strength at operating temperature	cl.13 of IS: 302-2- 24: 1994
1144.	Refrigerators, food- freezers and ice- makers	Transient over voltages	cl.14 of IS: 302-2- 24: 1994
1145.	Refrigerators, food- freezers and ice- makers	Moisture resistance	cl.15 of IS: 302-2- 24: 1994
1146.	Refrigerators, food- freezers and ice- makers	Insulation resistance and electric strength (after humidity treatment)	cl.16 of IS: 302-2- 24: 1994
1147.	Refrigerators, food- freezers and ice- makers	Overload protection	cl.17 of IS: 302-2- 24: 1994
1148.	Refrigerators, food- freezers and ice- makers	Abnormal operation	cl.19 of IS: 302-2- 24: 1994
1149.	Refrigerators, food- freezers and ice- makers	Stability and mechanical hazards	cl.20 of IS: 302-2- 24: 1994
1150.	Refrigerators, food- freezers and ice- makers	Mechanical strength	cl.21 of IS: 302-2- 24: 1994
1151.	Refrigerators, food- freezers and ice- makers	Construction	cl.22 of IS : 302-2- 24: 1994
1152.	Refrigerators, food- freezers and ice- makers	Internal wiring	cl.23 of IS : 302-2- 24: 1994
1153.	Refrigerators, food- freezers	Verification of components	cl.24 of IS : 302-2- 24: 1994

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
	and ice- makers		
1154.	Refrigerators, food- freezers and ice- makers	Supply connection and external flexible cable and cords	cl.25 of IS : 302-2- 24: 1994
1155.	Refrigerators, food- freezers and ice- makers	Terminals for external conductors	cl.26 of IS : 302-2- 24: 1994
1156.	Refrigerators, food- freezers and ice- makers	Provision for earthing	cl.27 of IS : 302-2- 24: 1994
1157.	Refrigerators, food- freezers and ice- makers	Screws and connections	cl.28 of IS : 302-2- 24: 1994
1158.	Refrigerators, food- freezers and ice- makers	Creepage distances, clearances and distance through insulation	cl.29 of IS : 302-2- 24: 1994
1159.	Refrigerators, food- freezers and ice- makers	Resistance to heat, fire and tracking	cl.30 of IS : 302-2- 24: 1994
1160.	Refrigerators, food- freezers and ice- makers	Resistance to rusting	cl.31 of IS : 302-2- 24: 1994
1161.	Refrigerators, food- freezers and ice- makers	Radiation, toxicity and similar hazards	Cl. 32 of IS : 302-2- 24: 1994
1162.	Electric iron	General requirement	Cl.4 of IS 302-2-3: 2007 +A1:2013, IEC 60335-2-3: 20224
1163.	Electric iron	General condition for the test	Cl.5 of IS 302-2-3: 2007 +A1:2013, IEC 60335-2-3: 2022
1164.	Electric iron	Classification	Cl.6 of IS 302-2-3: 2007 +A1:2013, IEC 60335-2-3: 2022
1165.	Electric iron	Marking and instructions	Cl. 7 of IS 302-2-3: 2007 +A1:2013, IEC 60335-2-3: 2022

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
1166.	Electric iron	Protection against access to live parts	Cl. 8 of IS 302-2-3: 2007 +A1:2013, IEC 60335-2-3: 2022
1167.	Electric iron	Power input and current	Cl.10 of IS 302-2-3: 2007 +A1:2013, IEC 60335-2-3: 2022
1168.	Electric iron	Heating	Cl.11 of IS 302-2-3: 2007 +A1:2013, IEC 60335-2-3: 2022
1169.	Electric iron	Leakage current and electric strength at operating temperature	Cl.13 of IS 302-2-3: 2007 +A1:2013, IEC 60335-2-3: 2022
1170.	Electric iron	Transient over voltage	Cl.14 of IS 302-2-3: 2007 +A1:2013, IEC 60335-2-3: 2022
1171.	Electric iron	Moisture resistance	Cl.15 of IS 302-2-3: 2007 +A1:2013, IEC 60335-2-3: 2022
1172.	Electric iron	Leakage current and electric strength	Cl. 16 of IS 302-2-3: 2007 +A1:2013, IEC 60335-2-3: 2022
1173.	Electric iron	Abnormal operation	Cl. 19 of IS 302-2-3: 2007 +A1:2013, IEC 60335-2-3: 2022
1174.	Electric iron	Stability and mechanical hazards	Cl. 20 of IS 302-2-3: 2007 +A1:2013, IEC 60335-2-3: 2022
1175.	Electric iron	Mechanical strength	Cl. 21 of IS 302-2-3: 2007 +A1:2013, IEC 60335-2-3: 2022
1176.	Electric iron	Construction	Cl. 22 of IS 302-2-3: 2007 +A1:2013, IEC 60335-2-3: 2022

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
1177.	Electric iron	Internal wiring	Cl. 23 of IS 302-2-3: 2007 +A1:2013, IEC 60335-2-3: 2022
1178.	Electric iron	Components	Cl. 24 of IS 302-2-3: 2007 +A1:2013, IEC 60335-2-3: 2022
1179.	Electric iron	Supply connection and external flexible cords	Cl. 25 of IS 302-2-3: 2007 +A1:2013, IEC 60335-2-3: 2022
1180.	Electric iron	Terminal for external conductor	Cl. 26 of IS 302-2-3: 2007 +A1:2013, IEC 60335-2-3: 2022
1181.	Electric iron	Provision for earthing	Cl. 27 of IS 302-2-3: 2007 +A1:2013, IEC 60335-2-3: 2022
1182.	Electric iron	Screws and connections	Cl. 28 of IS 302-2-3: 2007 +A1:2013, IEC 60335-2-3: 2022
1183.	Electric iron	Clearances, creepage distances and solid insulation	Cl. 29 of IS 302-2-3: 2007 +A1:2013, IEC 60335-2-3: 2022
1184.	Electric iron	Resistance to heat and fire	Cl. 30 of IS 302-2-3: 2007 +A1:2013, IEC 60335-2-3: 2022
1185.	Electric iron	Resistance to rusting	Cl. 31 of IS 302-2-3: 2007 +A1:2013, IEC 60335-2-3: 2022
1186.	Electric iron	Radiation, toxicity and similar hazards	Cl. 32 of IS 302-2-3: 2007 +A1:2013, IEC 60335-2-3: 2022
1187.	Range hoods and other cooking fume extractors	General requirement	Cl.4 of IEC 60335-2-31: 2024
1188.	Range hoods and other	Rating	Cl.5 of IEC 60335-2-31: 2024

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
	cooking fume extractors		
1189.	Range hoods and other cooking fume extractors	Marking and instructions	Cl.7 of IEC 60335-2-31: 2024
1190.	Range hoods and other cooking fume extractors	Protection against access to live parts	Cl.8 of IEC 60335-2-31: 2024
1191.	Range hoods and other cooking fume extractors	Power input and current	Cl.10 of IEC 60335-2-31: 2024
1192.	Range hoods and other cooking fume extractors	Heating	Cl.11 of IEC 60335-2-31: 2024
1193.	Range hoods and other cooking fume extractors	Charging of metal-ion batteries	Cl.12 of IEC 60335-2-31: 2024
1194.	Range hoods and other cooking fume extractors	Leakage current and electric strength at operating temperature	Cl.13 of IEC 60335-2-31: 2024
1195.	Range hoods and other cooking fume extractors	Transient over voltages	Cl.14 of IEC 60335-2-31: 2024
1196.	Range hoods and other cooking fume extractors	Moisture resistance	Cl.15 of IEC 60335-2-31: 2024
1197.	Range hoods and other cooking fume extractors	Leakage current and electric strength	Cl.16 of IEC 60335-2-31: 2024
1198.	Range hoods and other cooking fume extractors	Overload protection of transformer and associated circuits	Cl.17 of IEC 60335-2-31: 2024
1199.	Range hoods and other cooking fume extractors	Abnormal operation	Cl.19 of IEC 60335-2-31: 2024
1200.	Range hoods and other	Stability and mechanical hazards	Cl.20 of IEC 60335-2-31: 2024

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
	cooking fume extractors		
1201.	Range hoods and other cooking fume extractors	Mechanical strength	Cl.21 of IEC 60335-2-31: 2024
1202.	Range hoods and other cooking fume extractors	Construction	Cl.22 of IEC 60335-2-31: 2024
1203.	Range hoods and other cooking fume extractors	Internal wiring	Cl.23 of IEC 60335-2-31: 2024
1204.	Range hoods and other cooking fume extractors	Components	Cl.24 of IEC 60335-2-31: 2024
1205.	Range hoods and other cooking fume extractors	Supply connection and external flexible cords	Cl.25 of IEC 60335-2-31: 2024
1206.	Range hoods and other cooking fume extractors	Terminal for external	Cl.26 of IEC 60335-2-31: 2024
1207.	Range hoods and other cooking fume extractors	Provision for earthing	Cl.27 of IEC 60335-2-31: 2024
1208.	Range hoods and other cooking fume extractors	Screws and connections	Cl.28 of IEC 60335-2-31: 2024
1209.	Range hoods and other cooking fume extractors	Clearances, creepage distances and solid insulation	Cl.29 of IEC 60335-2-31: 2024
1210.	Range hoods and other cooking fume extractors	Resistance to heat and fire	Cl.30 of IEC 60335-2-31: 2024
1211.	Range hoods and other cooking fume extractors	Resistance to rusting	Cl.31 of IEC 60335-2-31: 2024
1212.	Range hoods and other cooking fume extractors	Radiation, toxicity and similar hazards	Cl.32 of IEC 60335-2-31: 2024
1213.	Range hoods	General requirement	Cl. 4 of IS 302-2-31:2009 (Reaffirmed

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	Safety Testing Facility		
			Year: 2014); Cl. 4 of IEC 60335-2-31:2024
1214.	Range hoods	General condition for the test	Cl. 5 of IS 302-2-31:2009 (Reaffirmed Year: 2014); Cl. 5 of IEC 60335-2-31:2024
1215.	Range hoods	General condition for the test	Cl. 5.18 of IS 302-2-31:2009 (Reaffirmed Year: 2014) Cl. 5.18 of IEC 60335-2-31:2024
1216.	Range hoods	Classification	Cl. 6 of IS 302-2-31:2009 (Reaffirmed Year: 2014); Cl. 6 of IEC 60335-2-31:2024
1217.	Range hoods	Classification	Cl. 6.2 of IS 302-2-31:2009 (Reaffirmed Year: 2014); Cl. 6.2 of IEC 60335-2-31:2024
1218.	Range hoods	Marking and instruction	Cl. 7 of IS 302-2-31:2009 (Reaffirmed Year: 2014); Cl. 7 of IEC 60335-2-31:2024
1219.	Range hoods	Protection against electric shock	Cl. 8 of IS 302-2-31:2009 (Reaffirmed Year: 2014); Cl. 8 of IEC 60335-2-31:2024
1220.	Range hoods	Starting for motor operated appliances	Cl. 9 of IS 302-2-31:2009 (Reaffirmed Year: 2014); Cl. 9 of IEC 60335-2-31:2024
1221.	Range hoods	Power input and current	Cl. 10 of IS 302-2-31:2009 (Reaffirmed Year: 2014); Cl. 10 of IEC 60335-2-31:2024

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	Safety Testing Facility		
1222.	Range hoods	Heating/ temperature rise test	Cl. 11 of IS 302-2-31:2009 (Reaffirmed Year: 2014) Cl. 11 of IEC 60335-2-31:2024
1223.	Range hoods	Leakage current and electric strength at operating temperature	Cl. 13 of IS 302-2-31:2009 (Reaffirmed Year: 2014) Cl. 13 of IEC 60335-2-31:2024
1224.	Range hoods	Transient over voltage	Cl. 14 of IS 302-2-31:2009 (Reaffirmed Year: 2014) Cl. 14 of IEC 60335-2-31:2024
1225.	Range hoods	Moisture resistance	Cl. 15 of IS 302-2-31:2009 (Reaffirmed Year: 2014) Cl. 15 of IEC 60335-2-31:2024
1226.	Range hoods	Leakage current and electric strength	Cl. 16 of IS 302-2-31:2009 (Reaffirmed Year: 2014) Cl. 16 of IEC 60335-2-31:2024
1227.	Range hoods	Overload protection/ overload protection of transformer and associated circuits	Cl. 17 of IS 302-2-31:2009 (Reaffirmed Year: 2014) Cl. 17 of IEC 60335-2-31:2024
1228.	Range hoods	Abnormal operation	Cl. 19 of IS 302-2-31:2009 (Reaffirmed Year: 2014) Cl. 19 of IEC 60335-2-31:2024
1229.	Range hoods	Abnormal operation (electrostatic discharge immunity test)	Cl.19.11.4.1 IS 302-2-31:2009 (Reaffirmed Year: 2014) Cl. 19.11.4.1 of IEC 60335-2-31:2024
1230.	Range hoods	Abnormal operation (radiated, radio-frequency,	Cl.19.11.4.2 of IS 302-2-31:2009 (Reaffirmed Year: 2014)

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	Safety Testing Facility		
		electromagnetic field immunity test)	Cl.19.11.4.2 of IEC 60335-2-31:2024; IEC 61000-4-3: 2008, IS 14700 (Part 4/Sec 3:2023)
1231.	Range hoods	Abnormal operation (electrical fast transient/burst immunity test)	Cl.19.11.4.3 of IS 302-2-31:2009 (Reaffirmed Year : 2014) Cl.19.11.4.3 of IEC 60335-2-31:2024; IEC 61000-4-4: 2012, IS 14700 (Part 4/Sec 4)
1232.	Range hoods	Abnormal operation (surge immunity test)	Cl.19.11.4.4 of IS 302-2-31:2009 (Reaffirmed Year : 2014); Cl.19.11.4.4 of IEC 60335-2-31:2024; IEC 61000-4-5: 2014, IS 14700 (Part 4/Sec 5)
1233.	Range hoods	Abnormal operation (immunity to conducted disturbances, induced by radio-frequency fields)	Cl.19.11.4.5 of IS 302-2-31:2009 (Reaffirmed Year: 2014); Cl.19.11.4.5 of IEC 60335-2-31:2024; IEC 61000-4-6: 2023
1234.	Range hoods	Abnormal operation (voltage dips, short interruptions and voltage variations immunity tests for equipment with input current up to 16 a per phase)	Cl.19.11.4.6 of IS 302-2-31:2009 (Reaffirmed Year : 2014) Cl.19.11.4.6 of IEC 60335-2-31:2024; IEC 61000-4-11: 2020, IS 14700 (Part 4/Sec 11)

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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		
1235.	Range hoods	Abnormal operation (voltage dips, short interruptions and voltage variations immunity tests for equipment with mains current more than 16 a per phase)	Cl.19.11.4.6 of IEC 60335-2-31:2024; IEC 61000-4-34: 2005
1236.	Range hoods	Abnormal operation (harmonics and inter harmonics including mains signaling at A.C. Power port, low frequency immunity tests)	Cl.19.11.4.7 of IS 302-2-31:2009 (Reaffirmed Year: 2014) Cl.19.11.4.7 of IEC 60335-2-31:2024
1237.	Range hoods	Stability and mechanical hazards	Cl. 20 of IS 302-2-31:2009 (Reaffirmed Year: 2014) Cl. 20 of IEC 60335-2-31:2024
1238.	Range hoods	Mechanical strength	Cl. 21 of IS 302-2-31:2009 (Reaffirmed Year: 2014) Cl. 21 of IEC 60335-2-31:2024
1239.	Range hoods	Construction	Cl. 22 of IS 302-2-31:2009 (Reaffirmed Year: 2014) Cl. 22 of IEC 60335-2-31:2024
1240.	Range hoods	Construction	Cl. 22.32 of IS 302-2-31:2009 (Reaffirmed Year : 2014) Cl. 22.32 of IEC 60335-2-31:2024

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
1241.	Range hoods	Internal wiring	Cl. 23 of IS 302-2-31:2009 (Reaffirmed Year: 2014) Cl. 23 of IEC 60335-2-31:2024
1242.	Range hoods	Components	Cl. 24 of IS 302-2-31:2009 (Reaffirmed Year : 2014) Cl. 24 of IEC 60335-2-31:2024
1243.	Range hoods	Supply connection and external flexible cords	Cl. 25 of IS 302-2-31:2009 (Reaffirmed Year : 2014) Cl. 25 of IEC 60335-2-31:2024
1244.	Range hoods	Terminals for external conductors	Cl. 26 of IS 302-2-31:2009 (Reaffirmed Year : 2014) Cl. 26 of IEC 60335-2-31:2024
1245.	Range hoods	Provision for earthing	Cl. 27 of IS 302-2-31:2009 (Reaffirmed Year: 2014) Cl. 27 of IEC 60335-2-31:2024
1246.	Range hoods	Screws and connections	Cl. 28 of IS 302-2-31:2009 (Reaffirmed Year: 2014) Cl. 28 of IEC 60335-2-31:2024
1247.	Range hoods	Creepage distance & clearances / clearances, creepage distances and solid insulations	Cl. 29 of IS 302-2-31:2009 (Reaffirmed Year: 2014) Cl. 29 of IEC 60335-2-31:2024

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
1248.	Range hoods	Resistance to heat and fire	Cl. 30 of IS 302-2-31:2009 (Reaffirmed Year: 2014) Cl. 30 of IEC 60335-2-31:2024
1249.	Range hoods	Resistance to rusting	Cl. 31 of IS 302-2-31:2009 (Reaffirmed Year: 2014) Cl. 31 of IEC 60335-2-31:2024
1250.	Range hoods	Radiation, toxicity and similar hazards	Cl. 32 of IS 302-2-31:2009 (Reaffirmed Year: 2014) Cl. 32 of IEC 60335-2-31:2024
1251.	Hair clipper and similar appliances	General requirement	Cl. 4 of IS 302-2-23:2009, Cl. 4 of IEC 60335-2-23: 2016+A1
1252.	Hair clipper and similar appliances	General condition for the test	Cl. 5 of IS 302-2-23:2009, Cl. 5 of IEC 60335-2-23: 2016+A1
1253.	Hair clipper and similar appliances	Classification	Cl. 6 of IS 302-2-23:2009, Cl. 6 of IEC 60335-2-23: 2016+A1
1254.	Hair clipper and similar appliances	Marking and instruction	Cl. 7 of IS 302-2-23:2009, Cl. 7 of IEC 60335-2-23: 2016+A1
1255.	Hair clipper and similar appliances	Protection against electric shock	Cl. 8 of IS 302-2-23:2009, Cl. 8 of IEC 60335-2-23: 2016+A1
1256.	Hair clipper and similar appliances	Starting for motor operated appliances	Cl. 9 of IS 302-2-23:2009, Cl. 9 of IEC 60335-2-23: 2016+A1

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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		
1257.	Hair clipper and similar appliances	Power input and current	Cl. 10 of IS 302-2-23:2009; Cl. 10 of IEC 60335-2-23: 2016+A1
1258.	Hair clipper and similar appliances	Heating/ temperature rise test	Cl. 11 of IS 302-2-23:2009 Cl. 11 of IEC 60335-2-23: 2016+A1
1259.	Hair clipper and similar appliances	Leakage current and electric strength at operating temperature	Cl. 13 of IS 302-2-23:2009 Cl. 13 of IEC 60335-2-23: 2016+A1
1260.	Hair clipper and similar appliances	Transient over voltage	Cl. 14 of IS 302-2-23:2009 Cl. 14 of IEC 60335-2-23: 2016+A1
1261.	Hair clipper and similar appliances	Moisture resistance	Cl. 15 of IS 302-2-23:2009 Cl. 15 of IEC 60335-2-23: 2016+A1
1262.	Hair clipper and similar appliances	Leakage current and electric strength	Cl. 16 of IS 302-2-23:2009 Cl. 16 of IEC 60335-2-23: 2016+A1
1263.	Hair clipper and similar appliances	Overload protection/ overload protection of transformer and associated circuits	Cl. 17 of IS 302-2-23:2009 Cl. 17 of IEC 60335-2-23: 2016+A1
1264.	Hair clipper and similar appliances	Endurance	Cl. 18 of IS 302-2-23:2009, Cl. 18 of IEC 60335-2-23: 2016+A1
1265.	Hair clipper and similar appliances	Abnormal operation	Cl. 19 of IS 302-2-23:2009 Cl. 19 of IEC 60335-2-23: 2016+A1
1266.	Hair clipper and similar appliances	Abnormal operation (electrostatic discharge immunity test)	Cl.19.11.4.1 IS 302-2-23:2009, Cl. 19.11.4.1 of IEC 60335-2-23: 2016+A1, IEC 61000-4-2: 2008, IS 14700 (Part 4/Sec 2:2018)

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
1267.	Hair clipper and similar appliances	Abnormal operation (radiated, radio-frequency, electromagnetic field immunity test)	Cl.19.11.4.2 IS 302-2-23:2009, Cl. 19.11.4.2 of IEC 60335-2-23: 2016+A1, IEC 61000-4-3: 2008, IS 14700 (Part 4/Sec 3:2023)
1268.	Hair clipper and similar appliances	Abnormal operation (electrical fast transient/burst immunity test)	Cl.19.11.4.3 IS 302-2-23:2009, Cl. 19.11.4.3 of IEC 60335-2-23: 2016+A1; IEC 61000-4-4: 2012, IS 14700 (Part 4/Sec 4)
1269.	Hair clipper and similar appliances	Abnormal operation (surge immunity test)	Cl.19.11.4.4 IS 302-2-23:2009, Cl. 19.11.4.4 of IEC 60335-2-23: 2016+A1; IEC 61000-4-5: 2014, IS 14700 (Part 4/Sec 5)
1270.	Hair clipper and similar appliances	Abnormal operation (immunity to conducted disturbances, induced by radio-frequency fields)	Cl.19.11.4.5 IS 302-2-23:2009, Cl. 19.11.4.5 of IEC 60335-2-23: 2016+A1; IEC 61000-4-6: 2023
1271.	Hair clipper and similar appliances	Abnormal operation (voltage dips, short interruptions and voltage variations immunity tests for equipment with input current up to 16 a per phase)	Cl.19.11.4.6 IS 302-2-23:2009, Cl. 19.11.4.6 of IEC 60335-2-23: 2016+A1; IEC 61000-4-11: 2020, IS 14700 (Part 4/Sec 11)
1272.	Hair clipper and similar appliances	Abnormal operation (voltage dips, short interruptions and voltage	Cl. 19.11.4.6 of IEC 60335-2-23: 2016+A1 IEC 61000-4-34: 2005

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Electrical Testing			
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	Safety Testing Facility		
		variations immunity tests for equipment with mains current more than 16 a per phase)	
1273.	Hair clipper and similar appliances	Abnormal operation (harmonics and interharmonics including mains signaling at A.C. Power port, low frequency immunity tests)	Cl.19.11.4.7 IS 302-2-23:2009, Cl. 19.11.4.7 of IEC 60335-2-23: 2016+A1; IEC 61000-4-13: 2002
1274.	Hair clipper and similar appliances	Stability and mechanical hazards	Cl. 20 of IS 302-2-23:2009, Cl. 20 of IEC 60335-2-23: 2016+A1
1275.	Hair clipper and similar appliances	Mechanical strength	Cl. 21 of IS 302-2-23:2009, Cl. 21 of IEC 60335-2-23: 2016+A1
1276.	Hair clipper and similar appliances	Construction	Cl. 22 of IS 302-2-23:2009, Cl. 22 of IEC 60335-2-23: 2016+A1
1277.	Hair clipper and similar appliances	Construction	Cl. 22.32 of IS 302-2-23:2009, Cl. 22.32 of IEC 60335-2-23: 2016+A1
1278.	Hair clipper and similar appliances	Internal wiring	Cl. 23 of IS 302-2-23:2009, Cl. 23 of IEC 60335-2-23: 2016+A1
1279.	Hair clipper and similar appliances	Components	Cl. 24 of IS 302-2-23:2009 Cl. 24 of IEC 60335-2-23: 2016+A1
1280.	Hair clipper and similar appliances	Supply connection and external flexible cords	Cl. 25 of IS 302-2-23:2009 Cl. 25 of IEC 60335-2-23: 2016+A1

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
1281.	Hair clipper and similar appliances	Terminals for external conductors	Cl. 26 of IS 302-2-23:2009 Cl. 26 of IEC 60335-2-23: 2016+A1
1282.	Hair clipper and similar appliances	Provision for earthing	Cl. 27 of IS 302-2-23:2009 Cl. 27 of IEC 60335-2-23: 2016+A1
1283.	Hair clipper and similar appliances	Screws and connections	Cl. 28 of IS 302-2-23:2009 Cl. 28 of IEC 60335-2-23: 2016+A1
1284.	Hair clipper and similar appliances	Creepage distance & clearances / clearances, creepage distances and solid insulations	Cl. 29 of IS 302-2-23:2009 Cl. 29 of IEC 60335-2-23: 2016+A1
1285.	Hair clipper and similar appliances	Resistance to heat and fire	Cl. 30 of IS 302-2-23:2009 Cl. 30 of IEC 60335-2-23: 2016+A1
1286.	Hair clipper and similar appliances	Resistance to rusting	Cl. 31 of IS 302-2-23:2009 Cl. 31 of IEC 60335-2-23: 2016+A1
1287.	Hair clipper and similar appliances	Radiation, toxicity and similar hazards	Cl. 32 of IS 302-2-23:2009; Cl. 32 of IEC 60335-2-23: 2016+A1
1288.	Spin extractors	Marking/markings and instructions	Cl.7, IEC 60335-2-4: 2023
1289.	Spin extractors	Protection against electric shock/ protection against access to live parts	Cl.8, IEC 60335-2-4: 2023
1290.	Spin extractors	Input and current (current)	Cl.10, IEC 60335-2-4: 2023
1291.	Spin extractors	Temperature rise / heating	Cl.11, IEC 60335-2-4: 2023
1292.	Spin extractors	Leakage current and electric strength at operating temperature	Cl.13, IEC 60335-2-4: 2023

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
1293.	Spin extractors	Transient over voltages	Cl.14, IEC 60335-2-4: 2023
1294.	Spin extractors	Moisture resistance	Cl.15, IEC 60335-2-4: 2023
1295.	Spin extractors	Leakage current and electric strength after humidity	Cl.16, IEC 60335-2-4: 2023
1296.	Spin extractors	Over load protection	Cl.17, IEC 60335-2-4: 2023
1297.	Spin extractors	Endurance	Cl.18, IEC 60335-2-4: 2023
1298.	Spin extractors	Abnormal operation	Cl.19, IEC 60335-2-4: 2023
1299.	Spin extractors	Stability and mechanical hazards	Cl.20, IEC 60335-2-4: 2023
1300.	Spin extractors	Mechanical strength	Cl.21, IEC 60335-2-4: 2023
1301.	Spin extractors	Construction	Cl.22, IEC 60335-2-4: 2023
1302.	Spin extractors	Internal wiring	Cl.23, IEC 60335-2-4: 2023
1303.	Spin extractors	Components	Cl.24, IEC 60335-2-4: 2023
1304.	Spin extractors	Supply connection and external flexible cords	Cl.25, IEC 60335-2-4: 2023
1305.	Spin extractors	Terminal for external conductor	Cl.26, IEC 60335-2-4: 2023
1306.	Spin extractors	Provision for earthing	Cl.27, IEC 60335-2-4: 2023
1307.	Spin extractors	Screws and connections	Cl.28, IEC 60335-2-4: 2023

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
1308.	Spin extractors	Creepage distances and clearances	Cl.29, IEC 60335-2-4: 2023
1309.	Spin extractors	Resistance to heat & fire	Cl.30, IEC 60335-2-4: 2023
1310.	Spin extractors	Resistance to rusting	Cl.31, IEC 60335-2-4: 2023
1311.	Spin extractors	Radiation, toxicity and similar hazards	Cl.32, IEC 60335-2-4: 2023
1312.	Safety of household and similar electrical appliances pt-1: general requirements, electric coffee makers, electrical shavers, hair clipper and similar appliances, mains operated electric hair dryers, frying pans, deep fat fryers and similar appliances, electrical shavers, hair clipper and similar appliances,	General requirement	Cl. 4 of IS 302-1:2008+A1+A2+A3+A4/IS 302-2, IEC 60335-2, IEC 60335-1: 2020, IS 302- 2-202: 1992, IS 302-2-13: 1994, IS 302-2-23:2009, IS 302-2-206:1994, IS 302-2-8:1994, IS 302-2-32:1994, IS 302-2-7:2024
1313.	electric stoves, massage appliances, domestic electric clothes washing machine	General condition for the test	Cl. 5 of IS 302-1:2008+A1+A2+A3+A4/IS 302-2, IEC 60335-2, IEC 60335-1: 2020, IS 302- 2-202: 1992, IS 302-2-13: 1994, IS 302-2-23:2009, IS 302-2-206:1994, IS 302-2-8:1994, IS 302-2-32:1994, IS 302-2-7:2024
1314.		Classification	Cl. 6 of IS 302-1:2008+A1+A2+A3+A4/IS 302-2, IEC 60335-2, IEC 60335-1: 2020, IS 302-2-202: 1992, IS 302-2-13: 1994, IS 302-2-23:2009,

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	Safety Testing Facility		
			IS 302-2-206: 1994, IS 302-2-8:1994, IS 302-2-32:1994, IS 302-2-7:2024
1315.		Marking and instruction	Cl. 7 of IS 302-1:2008+A1+A2+A3+A4/IS 302-2, IEC 60335-2, IEC 60335-1: 2020, IS 302-2-202: 1992, IS 302-2-13: 1994, IS 302-2-23:2009, IS 302-2-206:1994, IS 302-2-8:1994, IS 302-2-32:1994, IS 302-2-7:2024
1316.		Protection against electric shock	Cl. 8 of IS 302-1:2008+A1+A2+A3+A4/IS 302-2, IEC 60335-2, IEC 60335-1: 2020, IS 302-2-202:1992, IS 302-2-13: 1994, IS 302-2-23:2009, IS 302-2-206: 1994, IS 302-2-8:1994, IS 302-2-32:1994, IS 302-2-7:2024
1317.		Starting for motor operated appliances	Cl. 9 of IS 302-1:2008+A1+A2+A3+A4/IS 302-2, IEC 60335-2, IEC 60335-1: 2020, IS 302-2-202: 1992, IS 302-2-13: 1994, IS 302-2-23:2009, IS 302-2-206:1994, IS 302-2-8:1994, IS 302-2-32:1994, IS 302-2-7:2024
1318.		Power input and current	Cl. 10 of IS 302-1:2008+A1+A2+A3+A4/IS 302-2, IEC 60335-2, IEC 60335-1: 2020, IS 302-2-202: 1992, IS 302-2-13: 1994, IS 302-2-23:2009, IS 302-

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	Safety Testing Facility		
			2-206:1994, IS 302-2-8:1994, IS 302-2-32:1994, IS 302-2-7:2024
1319.		Heating/ temperature rise test	Cl.11 of IS 302-1:2008+A1+A2+ A3+A4/IS 302-2, IEC 60335-2, IEC 60335-1: 2020, IS 302- 2-202: 1992, IS 302-2-13: 1994, IS 302-2-23:2009, IS 302-2-206:1994, IS 302-2-8:1994, IS 302-2-32:1994, IS 302-2-7:2024
1320.		Leakage current and electric strength at operating temperature	Cl.13 of IS 302-1:2008+A1+A2+ A3+A4/IS 302-2, IEC 60335-2, IEC 60335-1: 2020, IS 302-2-202: 1992, IS 302-2-13: 1994, IS 302-2-23:2009, IS 302-2-206:1994, IS 302-2-8:1994, IS 302-2-32:1994, IS 302-2-7:2024
1321.		Transient over voltage	Cl.14 of IS 302-1:2008+A1+A2+ A3+A4/IS 302-2, IEC 60335-2, IEC 60335-1: 2020, IS 302-2-202: 1992, IS 302-2-13: 1994, IS 302-2-23:2009, IS 302-2-206:1994, IS 302-2-8:1994, IS 302-2-32:1994, IS 302-2-7:2024
1322.		Moisture resistance	Cl.15 of IS 302-1:2008+A1+A2 +A3+A4/IS 302-2, IEC 60335-2, IEC 60335-1: 2020, IS 302- 2-202:1992, IS 302-2-13: 1994, IS 302-2-23:2009,

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	Safety Testing Facility		
1323.		Leakage current and electric strength	IS 302-2-206:1994, IS 302-2-8:1994, IS 302-2-32:1994, IS 302-2-7:2024
1324.		Overload protection/ overload protection of transformer and associated circuits	Cl.16 of IS 302-1:2008+A1+A2+ A3+A4/IS 302-2, IEC 60335-2, IEC 60335-1: 2020, IS 302-2-202: 1992, IS 302-2-13: 1994, IS 302-2-23:2009, IS 302-2-206: 1994, IS 302-2-8:1994, IS 302-2-32:1994, IS 302-2-7:2024
1325.		Endurance	Cl.17 of IS 302-1:2008+A1+A2+ A3+A4/IS 302-2, IEC 60335-2, IEC 60335-1: 2020, IS 302- 2-202:1992, IS 302-2-13: 1994, IS 302-2-23:2009, IS 302-2-206:1994, IS 302-2-8:1994, IS 302-2-32:1994, IS 302-2-7:2024
1326.		Abnormal operation	Cl.18 of IS 302-1:2008+A1+A2 +A3+A4/IS 302-2, IEC 60335-2, IEC 60335-1: 2020, IS 302- 2-202:1992, IS 302-2-13: 1994, IS 302-2-23:2009,

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
1327.		Abnormal operation (electrostatic discharge immunity test)	IS 302-2-206:1994, IS 302-2-8:1994, IS 302-2-32:1994, IS 302-2-7:2024 Cl.19.11.4.1 IS 302-1:2008+A1+A2+A3+A4/IS 302-2, IEC 60335-2, IEC 60335-1: 2020, IS 302-2-202 :1992, IS 302-2-13: 1994, IS 302-2-23:2009, IS 302-2- 206:1994, IS 302-2-8:1994, IS 302-2-32:1994, IS 302-2-7: 2024, IEC 61000-4-2: 2008, IS 14700 (Part 4/Sec 2:2018)
1328.		Abnormal operation (radiated, radio-frequency, electromagnetic field immunity test)	Cl.19.11.4.2 of IS 302-1:2008+A1+A2+ A3+A4/IS 302- 2, IEC 60335-2, IEC 60335-1: 2020, IS 302-2-13: 1994, IS 302-2-23:2009, IS 302-2-206:1994, IS 302-2-8:1994, IS 302-2-7: 2024, IEC 61000-4-3: 2008, IS 14700 (Part 4/Sec 3:2023)
1329.		Abnormal operation (electrical fast transient/burst immunity test)	Cl.19.11.4.3 of IS 302-1:2008+A1+A2+A3+A4/IS 302- 2, IEC 60335-2, IEC 60335-1: 2020, IS 302-2-202 :1992, IS 302-2-13: 1994, IS 302-2-23:2009, IS 302-2- 206:1994, IS 302-2-8:1994, IS 302-2- 32:1994, IS 302-

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
			2-7: 2024, IEC 61000-4-4: 2012, IS 14700 (Part 4/Sec 4)
1330.		Abnormal operation (surge immunity test)	Cl.19.11.4.4 of IS 302-1:2008+A1+A2+A3+A4/IS 302- 2, IEC 60335-2, IEC 60335-1: 2020, IS 302-2-202:1992, IS 302-2-13: 1994, IS 302-2-23:2009, IS 302-2- 206:1994, IS 302-2-8:1994, IS 302-2- 32:1994, IS 302-2-7: 2024 IEC 61000-4-5: 2014, IS 14700 (Part 4/Sec 5)
1331.		Abnormal operation (immunity to conducted disturbances, induced by radio-frequency fields)	Cl.19.11.4.5 of IS 302-1:2008+A1+A2+A3+A4/IS 302- 2, IEC 60335-2, IEC 60335-1: 2020, IS 302-2-202:1992, IS 302-2-13: 1994, IS 302-2-23:2009, IS 302-2- 206:1994, IS 302-2-8:1994, IS 302-2- 32:1994, IS 302-2-7: 2024 IEC 61000- 4-6: 2023
1332.		Abnormal operation (voltage dips, short interruptions and voltage variations immunity tests for equipment with input current up to 16 a per phase)	Cl.19.11.4.6 of IS 302-1:2008+A1+A2+A3+A4/IS 302- 2, IEC 60335-2, IEC 60335-1: 2020, IS 302-2-202:1992, IS 302-2-13: 1994, IS 302-2-23:2009, IS 302-2-206:1994, IS 302-2-8:1994, IS 302-2-32:1994, IS 302-2-7: 2024, IEC

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
			61000-4-11: 2020, IS 14700 (Part 4/Sec 11)
1333.		Abnormal operation (voltage dips, short interruptions and voltage variations immunity tests for equipment with mains current more than 16 a per phase)	Cl.19.11.4.6 of IEC IEC 60335-1: 2020, IEC 60335-2; IEC 61000-4-34: 2005
1334.		Abnormal operation (harmonics and interharmonics including mains signaling at A.C. Power port, low frequency immunity tests)	Cl.19.11.4.7 of IS 302-1:2008/IS 302-2, IEC 60335-2, IEC 60335-1: 2020, IS 302-2-13: 1994, IS 302-2-23:2009, IS 302-2-206:1994, IS 302-2-8:1994, IS 302-2-32:1994, IS 302-2-7: 2024, IEC 61000-4-13: 2002
1335.		Abnormal operation	Cl.19.13 of IS 302-1:2008+A1+ A2+A3+A4/IS 302-2, IEC 60335-2, IEC 60335-1: 2020, IS 302-2-13: 1994, IS 302-2-23:2009, IS 302-2-206:1994, IS 302-2-8:1994, IS 302-2-32:1994, IS 302-2-7: 2024
1336.		Stability and mechanical hazards	Cl. 20 of IS 302-1:2008+A1+ A2+ A3+A4/IS 302-2, IEC 60335-2, IEC 60335-1: 2020, IS 302- 2-202:1992, IS 302-2-13: 1994, IS

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

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
1340.		Components	Cl.24 of IS 302-1:2008+A1+A2+A3+A4/IS 302-2, IEC 60335-2, IEC 60335-1: 2020, IS 302-2-202:1992, IS 302-2-13: 1994, IS 302-2-23:2009, IS 302-2-206:1994, IS 302-2-8:1994, IS 302-2-32:1994, IS 302-2-7: 2024
1341.		Supply connection and external flexible cords	Cl.25 of IS 302-1:2008+A1+A2+A3+A4/IS 302-2, IEC 60335-2, IEC 60335-1: 2020, IS 302-2-202:1992, IS 302-2-13: 1994, IS 302-2-23:2009, IS 302-2-206:1994, IS 302-2-8:1994, IS 302-2-32:1994, IS 302-2-7: 2024
1342.		Terminals for external conductors	Cl.26 of IS 302-1:2008+A1+A2+A3+A4/IS 302-2, IEC 60335-2, IEC 60335-1: 2020, IS 302-2-202:1992, IS 302-2-13: 1994, IS 302-2-23:2009, IS 302-2-206:1994, IS 302-2-8:1994, IS 302-2-32:1994, IS 302-2-7: 2024
1343.		Provision for earthing	Cl.27 of IS 302-1:2008+A1+A2+A3+A4/IS 302-2, IEC 60335-2, IEC 60335-1: 2020, IS 302-2-202:1992, IS 302-2-13: 1994, IS 302-2-23:2009,

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	Safety Testing Facility		
			IS 302-2-206:1994, IS 302-2-8:1994, IS 302-2-32:1994, IS 302-2-7: 2024
1344.		Screws and connections	Cl.28 of IS 302-1:2008+A1+A2+A3+A4/IS 302-2, IEC 60335-2, IEC 60335-1: 2020, IS 302-2-202:1992, IS 302-2-13: 1994, IS 302-2-23:2009, IS 302-2-206:1994, IS 302-2-8:1994, IS 302-2-32:1994, IS 302-2-7: 2024
1345.		Creepage distance & clearances / clearances, creepage distances and solid insulations	Cl.29 of IS 302-1:2008+A1+A2+A3+A4/IS 302-2, IEC 60335-2, IEC 60335-1: 2020, IS 302-2-202:1992, IS 302-2-13: 1994, IS 302-2-23:2009, IS 302-2-206:1994, IS 302-2-8:1994, IS 302-2-32:1994, IS 302-2-7: 2024
1346.		Resistance to heat and fire	Cl. 30 of IS 302-1:2008+A1+A2+A3+A4/IS 302-2, IEC 60335-2, IEC 60335-1: 2020, IS 302-2-202:1992, IS 302-2-13: 1994, IS 302-2-23:2009, IS 302-2-206:1994, IS 302-2-8:1994, IS 302-2-7: 2024
1347.		Resistance to rusting	Cl.31 of IS 302-1:2008+A1+A2+A3+A4/IS 302-2, IEC 60335-2, IEC 60335-1: 2020, IS 302-2-202:1992,

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Electrical Testing			
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	Safety Testing Facility		
			IS 302-2-13: 1994, IS 302-2-23:2009, IS 302-2-206:1994, IS 302-2-8:1994, IS 302-2-7: 2024
1348.		Radiation, toxicity and similar hazards	Cl.32 of IS 302-1:2008+A1+A2 +A3+A4/IS 302-2, IEC 60335-2, IEC 60335-1: 2020, IS 302- 2-202:1992, IS 302-2-13: 1994, IS 302-2-23:2009, IS 302-2-206:1994, IS 302-2-8:1994, IS 302-2-7: 2024



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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Environmental Test Facility		
1.	Electrical and electronic items	Bump test	IS 9000 (Part 7/Sec I), EC/EN 50155:2017 IEC 0571:2012 IEC 60068-2-7, Test No.5 of J S55555, QM-333 Test no.13: 2010
2.		Application of cold test	IS 9000 (Part 2/Sec I to IV):1977 (RA:2019), IEC 60068-2-1:2007, IEC/EN 50155:2017, EN 60068-2-1, JSS55555:2012, JSS55555:2020, IEC 60571:1998 +A1:2006, QM 333:2010, J ASOD001, MIL 810H, IEC 60571: 2012
3.		Low temperature (cold) cycle	QM-333 Test no.1:2010
4.		Damp Heat Cyclic	MIL810H, IEC60068-2-30:2005, EN60068-2-30 :2005, IS 9000: Part 5: Sec 1 and 2:1981 (R2010), QM333 (TestNo3) JSS55555:2012, JASOD001, IEC 60571: 2012
5.		Change of temperature (Temperature cycling) with specified rate of change-one chamber method)	IS 9000 (Part 14/Sec 2):1988 (RA: 2021), IEC/EN 50155:2017, IEC 60068-2-14: 2009
6.		Damp heat (steady state) test and humidity Test	QM-333 Test no.5:2010

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

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Environmental Test Facility		
14.		High Temperature Test (Dry heat)	IEC 60571:1998+A1:2006, MIL 810 H, IEC 60068-2-2 (2007) EN60068-2-2 (2007) IS 9000: Part3: Sec 1 to 5:1977 (R:2010), QM333 (Test No 2) JSS55555:2012, JASO D 001, IEC 60571:2012
15.		Dry heat test	IEC 60068-2-2:2007 JSS 55555: 2000, IEC 60571:1998 +A1:2006, IEC/EN50155:2017, MIL 810H, EN 60068-2-29:2007, JASO D001, IS 9000 3:1977 Reaffirmed Year: 2016
16.	Luminaries, enclosure of control panel & enclosure of electrical products, enclosure of electronic product & electronic & electrical equipment	Dust	IS 9000-12, IEC 60529, JSS:50101; Test Number 14 JSS:55555: 2012
17.		Glow wire test	IEC 60695-2-10:2021, IS 11000-2-1:2018
18.		Total harmonic distortion	IEC 61000-3-2:2018
19.	Electrical and electronic items	Impact test	IS 9000(Part7/Sec7), IEC 60068-2-75:2014
20.	Enclosures for electrical equipment	Marking	Cl.4.4 of IEC 62262, IEC 60068-2-75:2014
21.	Enclosures for electrical equipment	Test for IK Code 01	Cl. (4.2 & 6.0), IEC 62262, IEC 60068-2-75:2014

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

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Environmental Test Facility		
33.		Drip proof test	IS 9000: Part 23, MIL810G, JSS 55555: 2012
34.		Sand & Dust Test	IS9000: Part 12, QM333, MIL810H, JASOD001, IEC60068-2-60, JASO D 001, JSS55555::2012
35.		Immersion	MILSTD810:2019
36.		Low Temperature	MILSTD810:2019
37.		Rain	MILSTD810:2019
38.		Sand & Dust	MILSTD810:2019
39.		Artificial rain	Cl.5.3 of IEC60068-2-18: 2017
40.		Drip box	Cl.5.3 of IEC60068-2-18: 2017
41.		Driving rain	JSS55555:2012, JSS55555: 2020
42.		Dust test	JSS55555:2012, JSS55555: 2020
43.		Falling drops	Cl.5.1of IEC 60068-2-18: 2017
44.		Fan jet	Cl.6.4of IEC 60068-2-18: 2017
45.		High temperature	MILSTD810:2019
46.		Humidity	MILSTD810:2019
47.		Immersion	Cl.7.0 of IEC 60068-2-18: 2017
48.		Immersion test	JSS55555:2012, JSS55555: 2020

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Environmental Test Facility		
49.		Impacting water	Cl.6.0 of IEC 60068-2-18: 2017
50.		Low pressure	MILSTD810:2019
51.		Oscillating tube and spray nozzle	Cl.6.2 of IEC 60068-2-18: 2017
52.		Pressurized water chamber	Cl.7.3 of IEC 60068-2-18: 2017
53.		Shock	MILSTD810:2019
54.		Shock Test	IS 9000 (Part 7/Sec I):2018 IEC 60068-2-27:2008, Test No.24 of JSS 55555: 2012, JSS55555:2020 IEC 61373::2010, JASOD 001, JISD1601, MIL810 H, IEC 60571:2012
55.		Temperature Shock	MILSTD810:2019
56.		Topping test	JSS55555:2012
57.		Tropical Exposure	JSS55555:2012, JSS55555: 2020
58.		Vibration	MILSTD810, IEC/EN 50155: 2019, 2017
59.		Waterjet	Cl.6.3 of IEC 60068-2-18: 2017
60.		Water tank	Cl.7.2 of IEC60068-2-18: 2017
61.		Rapid Temperature Cycle	QM-333 Test no.4:2010

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	Environmental Test Facility		
62.	Luminaries, enclosure of control panel & enclosure of electrical products, enclosure of electronic product & electronic & electrical equipment	Needle flame test	IEC 60695-11-5:2016
63.	of electronic product & electronic & electrical equipment	Needle flame test	IS 11000-2-2:2008
64.	Products & enclosure of electrical and electronic products electronic & electrical equipment	Fire hazard testing (Flammability Test)	UL 94, IEC 60695-11-4, IS/IEC 60695-11-10: 2013
65.	Electrical and electronic items	Vibration	IS 9000 (Part8):1981, IEC 60068-2-6 JSS55555: 2012, JSS55555:2020 JSS 50101:1984, Cl.8 of IEC 60068-2-64: 2008, IEC 61373:2010, IEC/EN 50115:2017:2010
66.	Electrical and electronic items	Vibration	IS 9000 (Part8) IEC 60068-2-6, JSS55555, JSS50101, Cl.8 of IEC 60068-2-64, IEC 61373:2010
67.	Electrical and electronic items	Vibration	QM-333 Test no.6:2010

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

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

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

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Cells & Batteries		
47.		T-3: Vibration	(Test T.3) (CI.38.3.4.3), UN 38.3 Seventh Revised Edition:2019
48.		T-4: Shock	(Test T.4) (CI.38.3.4.4), UN 38.3 Seventh Revised Edition:2019
49.		T-5: External Short Circuit	(Test T.5) (CI.38.3.4.5), UN 38.3 Seventh Revised Edition:2019
50.		T-6: Impact/Crush	(Test T.6) (CI.38.3.4.6), UN 38.3 Seventh Revised Edition:2019
51.		T-7: Over charge	(Test T.7) (CI.38.3.4.7), UN 38.3 Seventh Revised Edition :2019
52.		T-8: Forced Discharge	(Test T.8) (CI.38.3.4.8), UN 38.3 Seventh Revised Edition:2019
53.		Battery internal resistance	CI.7.7, IEC 61960 (Part 3): 2017
54.		Battery internal resistance	CI.7.7, IS 16047 (Part 3): 2018
55.	Secondary cells and batteries Containing Alkaline or other non-acid electrolytes-secondary lithium cells and batteries for portable applications	Charge (capacity) retention and recovery	CI.7.4, IEC 61960 (Part 3): 2017
56.		Charge (capacity) retention and recovery	CI.7.4, IS 16047 (Part 3): 2018
57.		Charge (capacity) recovery after long term storage	CI.7.5, IS 16047 (Part 3): 2018
58.		Charge (capacity) recovery after long term storage	CI.7.5, IEC 61960 (Part 3): 2017

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

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Cells & Batteries		
71.		Charging procedure (First and second procedure)	Cl.7.1.1, 7.1.2, IEC 62133-2: 2017
72.		Charging procedure (First and second procedure)	Cl.7.1.1, 7.1.2, IS 16046 (Part-2): 2018
73.		Continuous charging at Constant Voltage (Cells)	Cl.7.2.1, IEC 62133-2:2017
74.		Continuous charging at Constant Voltage (Cells)	Cl.7.2.1, IS 16046 (Part-2): 2018
75.		Crush (Cell)	Cl.7.3.5, IEC 62133-2:2017
76.		Crush (Cell)	Cl.7.3.5, IS 16046 (Part-2): 2018
77.		External short circuit (Battery)	Cl.7.3.2, IEC 62133-2:2017
78.		External short circuit (Battery)	Cl.7.3.2, IS 16046 (Part-2): 2018
79.		External short circuit (Cell)	Cl.7.3.1, IEC 62133-2:2017
80.		External short circuit (Cell)	Cl.7.3.1, IS 16046 (Part-2):2018
81.		Forced discharge (Cells)	Cl.7.3.7, IEC 62133-2:2017
82.		Forced discharge (Cells)	Cl.7.3.7, IS 16046 (Part-2): 2018
83.		Free fall	Cl.7.3.3, IEC 62133-2:2017
84.		Free fall	Cl.7.3.3, IS 16046 (Part-2): 2018

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Cells & Batteries		
85.		General safety considerations	Cl.5, IEC 62133-2:2017
86.		General safety considerations	Cl.5, IS 16046 (Part-2):2018
87.		Insulation and wiring	Cl.5.2, IEC 62133-2:2017
88.		Insulation and wiring	Cl.5.2, IEC 62133-2:2017
89.		Insulation and wiring	Cl.5.2, IS 16046 (Part-2): 2018
90.		Insulation and wiring	Cl.5.2, IS 16046 (Part-2): 2018
91.		Marking	Cl.9, IEC 62133-2:2017
92.		Marking	Cl.9, IS 16046 (Part-2): 2018
93.		Measurement of internal AC resistance for coin cells	Cl.D2, Annex D, IEC 62133-2:2017
94.		Measurement of internal AC resistance for coin cells	Cl.D2, Annex D, IS 16046 (Part-2): 2018
95.		Mechanical Shock (Battery)	Cl.7.3.8.2, IEC 62133-2: 2017
96.		Mechanical Shock (Battery)	Cl.7.3.8.2, IS 16046 (Part-2):2018
97.		Overcharging of Battery	Cl.7.3.6, IEC 62133-2:2017
98.		Overcharging of battery	Cl.7.3.6, IS 16046(Part-2): 2018

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Cells & Batteries		
99.	Secondary cells and batteries containing alkaline or other non-acidic electrolytes-nickel system	Small cell and battery safety information	Cl.8,8.2, IEC 62133-2:2017
100.		Small cell and battery safety information	Cl.8,8.2, IS 16046 (Part-2): 2018
101.		Thermal abuse (Cells)	Cl.7.3.4, IEC 62133-2:2017
102.		Thermal abuse (Cells)	Cl.7.3.4, IS 16046 (Part-2): 2018
103.		Type test and sample size	Cl.6, IEC 62133-2:2017
104.		Type test and sample size	Cl.6, IS 16046 (Part-2):2018
105.		Vibration (Battery)	Cl.7.3.8.1, IEC 62133-2: 2017
106.		Vibration (Battery)	Cl.7.3.8.1, IS 16046 (Part- 2):2018
107.		Case Stress at high ambient temperature (Batteries)	Cl.7.2.3, IEC 62133-1:2017
108.		Case Stress at high ambient temperature (Batteries)	Cl.7.2.3, IS 16046 (Part-1): 2018
109.		Charging procedure	Cl.7.1, IEC 62133-1:2017
110.		Charging procedure	Cl.7.1, IS 16046 (Part-1): 2018
111.		Continuous Low-rate charging (Cells)	Cl.7.2.1, IEC 62133-1:2017

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Cells & Batteries		
112.		Continuous low-rate charging (cells)	Cl.7.2.1, IS 16046 (Part-1): 2018
113.		Crushing of Cells	Cl.7.3.6, IEC 62133-1:2017
114.		Crushing of Cells	Cl.7.3.6, IS 16046 (Part-1): 2018
115.		External Short Circuit	Cl.7.3.2, IEC 62133-1:2017
116.		External Short Circuit	Cl.7.3.2, IS 16046 (Part-1): 2018
117.		Forced Discharge (Cells)	Cl.7.3.9, IEC 62133-1:2017
118.		Forced Discharge (Cells)	Cl.7.3.9, IS 16046 (Part-1): 2018
119.		Free fall	Cl.7.3.3, IEC 62133-1:2017
120.		Free fall	Cl.7.3.3, IS 16046 (Part-1): 2018
121.		General safety considerations	Cl.5, IEC 62133-1:2017
122.		General safety considerations	Cl.5, IS 16046 (Part-1):2018
123.		Incorrect Installation (Cells)	Cl.7.3.1, IEC 62133-1:2017
124.		Incorrect Installation (Cells)	Cl.7.3.1, IS 16046 (Part-1): 2018
125.		Insulation and wiring	Cl.5.2, IEC 62133-1:2017
126.		Insulation and wiring	Cl.5.2, IS 16046 (Part-1): 2018

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Cells & Batteries		
127.		Low Pressure	Cl.7.3.7, IEC 62133-1:2017
128.		Low Pressure	Cl.7.3.7, IS 16046 (Part-1): 2018
129.		Marking	Cl.9, IEC 62133-1:2017
130.		Marking	Cl.9, IS 16046 (Part-1):2018
131.		Mechanical shock (Crash hazard)	Cl.7.3.4, IEC 62133-1:2017
132.		Mechanical shock (Crash hazard)	Cl.7.3.4, IS 16046 (Part-1): 2018
133.		Overcharge	Cl.7.3.8, IEC 62133-1:2017
134.		Overcharge	Cl.7.3.8, IEC 62133-1:2017
135.		Overcharge	Cl.7.3.8, IS 16046 (Part-1): 2018
136.		Overcharge	Cl.7.3.8, IS 16046 (Part-1): 2018
137.		Small cell and battery safety Information	Cl.8.2, IEC 62133-1:2017
138.		Small cell and battery safety Information	Cl.8.2, IS 16046 (Part-1): 2018
139.		Temperature cycling	Cl.7.2.4, IEC 62133-1:2017
140.		Temperature cycling	Cl.7.2.4, IS 16046 (Part-1): 2018

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Cells & Batteries		
141.		Thermal abuse	Cl.7.3.5, IEC 62133-1:2017
142.		Thermal abuse	Cl.7.3.5, IS 16046 (Part-1): 2018
143.		Type test and sample size	Cl.6, IEC 62133-1:2017
144.		Type test and sample size	Cl.6, IS 16046 (Part-1): 2018
145.		Vibration	Cl.7.2.2, IEC 62133-1:2017
146.		Vibration	Cl.7.2.2, IS 16046 (Part-1): 2018
147.	Secondary Lithium Ion Cells for the Propulsion of Electric Road Vehicles Part 3 Safety Requirements	Capacity	IEC 62660-3:2022 Clause 5.2:2022
148.		Capacity	IS 16893 (Part 3) Clause 5.2:2018
149.		Crush	IEC 62660-3 Clause 6.2.2: 2022
150.		Crush	IS 16893 (Part 3) Clause 6.2.3:2018
151.		Electrical test	IEC 62660-3 Clause 6.4: 2022
152.		Electrical measurement	IEC 62660-3 Clause 5:2022
153.		Electrical measurement	IS 16893 (Part 3) Clause 5: 2018
154.		External short circuit	IEC 62660-3 Clause 6.4.1: 2022
155.		External short circuit	IS 16893 (Part 3) Clause 6.4.1:2018

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Cells & Batteries		
156.		Forced discharge	IEC 62660-3 Clause 6.4.3: 22
157.		Forced discharge	IS 16893 (Part 3) Clause 6.4.3:2018
158.		General	IEC 62660-3 Clause 4.1: 2022
159.		General	IS 16893 (Part 3) Clause 4.1: 2018
160.		General charge conditions	IEC 62660-3 Clause 5.1: 2022
161.		General charge conditions	IS 16893 (Part 3) Clause 5.1: 2018
162.		High temperature endurance	IEC 62660-3 Clause 6.3.1: 2022
163.		Internal short circuit test	IEC 62660-3 Clause 6.4.4:2022
164.		Internal short circuit test	IS 16893 (Part 3) (Cl.6.4.4): 2018
165.		Measuring instruments	IEC 62660-3 Clause 4.2: 2022
166.		Measuring instruments	IS 16893 (Part 3) Clause 4.2: 2018
167.		Mechanical shock	IEC 62660-3 Clause 6.2.1: 2022
168.		Mechanical shock	IS 16893 (Part 3) Clause 6.2.2:2018
169.		Mechanical tests	IEC 62660-3 Clause 6.2: 2022
170.		Overcharge	IEC 62660-3 Clause 6.4.2: 2022
171.		Overcharge	IS 16893 (Part 3): Clause 6.4.2:

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	Cells & Batteries		
			2018
172.		Safety tests General	IS 16893 (Part 3) Clause 6.1:2018
173.		Safety tests General	IEC 62660-3 Clause 6.1:2022
174.		SOC adjustment	IEC 62660-3 Clause 5.3: 2022
175.		SOC adjustment	IS 16893 (Part 3) Clause 5.3:2018
176.		Temperature cycling	IEC 62660-3 Clause 6.3.2
177.		Temperature cycling	IS 16893 (Part 3) Clause 6.3.2:2018
178.		Thermal test	IEC 62660-3 Clause 6.3: 2022
179.		Thermal test High temperature endurance	IS 16893 (Part 3): Clause 6.3, 6.3.1: 2018
180.		Vibration	IS 16893 (Part 3): Clause 6.2.1: 2018
181.		Capacity	IEC 62660-1: Clause 7.2: 2018
182.	Secondary Lithium-Ion Cells for the Propulsion of Electric Road Vehicles Part 1 Performance Testing	Capacity	IS 16893 (Part1): Clause: 7.2:2018
183.		Cycle life test	IEC 62660-1: Clause 7.7: 2018
184.		Cycle life test	IS 16893 (Part1): Clause:7.7 2018
185.		Dimension measurement	IS 16893 (Part1): Clause:5: 2018

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Cells & Batteries		
186.		Energy test	IEC 62660-1: Clause 7.5: 2018
187.		Energy test	IS 16893 (Part1): Clause: 7.5:2018
188.		Mass measurement	IEC 62660-1: Clause 6:2018
189.		Power	IEC 62660-1: Clause 7.4: 2018
190.		Power	IS 16893 (Part1): Clause: 7.4:2018
191.		SOC adjustment	IEC 62660-1: Clause 7.3: 2018
192.		SOC adjustment	IS 16893 (Part1): Clause: 7.3:2018
193.		Electrical measurement	IS 16893 (Part2) Clause: 5 :2018
194.	Secondary Lithium-Ion Cells for the Propulsion of Electric Road Vehicles Part 2	Crush	IEC 62660-2: Clause 6.2.3: 2018
195.		Crush	IS 16893 (Part2) Clause: 6.1.3:2018
196.		Electrical measurement	IEC 62660-2: Clause 5:2018
197.		Electrical measurement	IEC 62660-2: Clause 5:2018
198.		Electrical test	IEC 62660-2: Clause 6.4: 2018
199.		Electrical test	IS 16893 (Part2) Clause: 6.3:2018
200.		External short circuit	IEC 62660-2: Clause 6.4.1: 2018

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Cells & Batteries		
201.		External short circuit	IS 16893 (Part2) Clause: 6.3.1:2018
202.		Forced discharge	IS 16893 (Part2): Clause: 6.3.3: 2018
203.		General	IEC 62660-2: Clause 6.1: 2018
204.		High temperature endurance	IEC 62660-2: Clause 6.3.1: 2018
205.		High temperature endurance	IS 16893 (Part2) Clause: 6.2.1:2018
206.		Measuring instruments	IEC 62660-2: Clause 4.2: 2018
207.		Measuring instruments	IS 16893 (Part2) Clause:4.2 :2018
208.		Mechanical shock	IEC 62660-2: Clause 6.2.2: 2018
209.		Mechanical shock	IS 16893 (Part2): Clause: 6.1.2: 2018
210.		Mechanical test	IEC 62660-2 Clause 6.2: 2018
211.		Overcharge	Cl. 6.4.2 of IEC 62660-2:2018
212.		Overcharge	Cl. 6.3.2 of IS 16893 (Part-2) :2018
213.		Temperature cycling	Cl. 6.3.2. of IEC 62660-2:2018
214.		Temperature cycling	Cl. 6.2.2 of IS 16893 (Part-2):2018
215.		Thermal test	Cl. 6.3 of IEC 62660-2:2018
216.		Vibration	Cl. 6.2.1 of IEC 62660-2:2018

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Cells & Batteries		
217.	Secondary cells and batteries containing alkaline or other non-acid electrolytes – secondary lithium cells and batteries for use in industrial applications	Parameter measurement tolerances	Cl. 4 IS 16822: 2019 / IEC 62620: 2014
218.		Marking and designation	Cl. 5 IS 16822: 2019 / IEC 62620: 2014
219.		Electrical tests	Cl. 6 IS 16822: 2019 / IEC 62620: 2014
220.		General	Cl. 6.1 IS 16822: 2019 / IEC 62620: 2014
221.		Charging procedure for test purposes	Cl. 6.2 IS 16822: 2019 / IEC 62620: 2014
222.		Discharge performance	Cl. 6.3 IS 16822: 2019 / IEC 62620: 2014
223.		Discharge performance at +25 °C	Cl. 6.3.1 IS 16822: 2019 / IEC 62620: 2014
224.		Discharge performance at low temperature	Cl. 6.3.2 IS 16822: 2019 / IEC 62620: 2014
225.		High rate permissible current	Cl. 6.3.3 IS 16822: 2019 / IEC 62620: 2014
226.		Charge (capacity) retention and recover	Cl. 6.4 IS 16822 : 2019/ IEC 62620: 2014
227.		Cell and battery internal resistance	Cl. 6.5 IS 16822 : 2019/ IEC 62620: 2014

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Cells & Batteries		
228.		General	Cl. 6.5.1 IS 16822 : 2019/ IEC 62620: 2014
229.		Measurement of the internal a.c. Resistance	Cl. 6.5.2 IS 16822: 2019 / IEC 62620: 2014
230.		Measurement of the internal d.c. Resistance	Cl. 6.5.3 IS 16822: 2019 / IEC 62620: 2014
231.		Endurance	Cl. 6.6 IS 16822: 2019 / IEC 62620: 2014
232.		Endurance in cycles	Cl. 6.6.1 IS 16822: 2019 / IEC 62620: 2014
233.		Endurance in storage at constant voltage (permanent charge life)	Cl. 6.6.2 IS 16822: 2019 / IEC 62620: 2014
234.		Type test conditions	Cl. 7 IS 16822: 2019/ IEC 62620: 2014
235.		Dimensions	Cl. 7.3.1 IS 16822: 2019/ IEC 62620: 2014
236.		Electrical tests	Cl. 7.3.2 IS 16822: 2019/ IEC 62620: 2014
237.	Measurement of cycle life and energy density for advanced chemistry cells — method of tests	General	Cl. 4 IS 17882: 2022
238.		Parameter measurement tolerances	Cl. 5 IS 17882: 2022
239.		Energy capacity measurement	Cl. 6 IS 17882: 2022

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Cells & Batteries		
		(in WH)	
240.		Calculation of gravimetric energy density	Cl. 7 IS 17882: 2022
241.		Test method for cycle life measurement	Cl. 8 IS 17882: 2022
242.	Secondary lithium-ion cells for the propulsion of electric road vehicles part 1 performance testing	Capacity	IEC 62660-1: Clause 7.3:2018
243.		Cycle life test	IEC 62660-1: Clause 7.8:2018
244.		Energy test	IEC 62660-1: Clause 7.6:2018
245.	Secondary lithium-ion cells for the propulsion of electric road vehicles part 1 performance testing	Power	IEC 62660-1: Clause 7.5:2018
246.		Soc adjustment	IEC 62660-1: Clause 7.4:2018
247.	Cells and for batteries made from them for use in portable applications part 1 nickel systems	Parameter measurement tolerances	Cl. 4.0 IS 16046-1: 2018/ IEC 62133-1 : 2017
248.		General	Cl. 5.1 IS 16046-1: 2018/ IEC 62133-1 : 2017
249.		Venting	Cl. 5.3 IS 16046-1: 2018/ IEC 62133-1 : 2017
250.		Temperature, voltage and current management	Cl. 5.4 IS 16046-1: 2018/ IEC 62133-1 : 2017
251.		Terminal contacts	Cl. 5.5 IS 16046-1: 2018/ IEC 62133-1 : 2017

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Cells & Batteries		
252.	Cells and for batteries made from them for use in portable applications part 1 nickel systems	Assembly of cells into batteries	Cl. 5.6 IS 16046-1: 2018/ IEC 62133-1 : 2017
253.		Quality plan	Cl. 5.7 IS 16046-1: 2018/ IEC 62133-1 : 2017
254.		Specific requirements and tests	Cl. 7 IS 16046-1: 2018/ IEC 62133-1 : 2017
255.		Information for safety	Cl. 8 IS 16046-1: 2018/ IEC 62133-1 : 2017
256.		General	Cl. 8.1 IS 16046-1: 2018/ IEC 62133-1 : 2017
257.		Cell marking	Cl. 9.1 IS 16046-1: 2018/ IEC 62133-1 : 2017
258.		Battery marking	Cl. 9.2 IS 16046-1: 2018/ IEC 62133-1 : 2017
259.		Caution for ingestion of small cells and batteries	Cl. 9.3 IS 16046-1: 2018/ IEC 62133-1 : 2017
260.		Packaging	Cl. 10 IS 16046-1: 2018/ IEC 62133-1 : 2017
261.		Recommendations to equipment manufacturers and battery assemblers	Annex A IS 16046-1: 2018/ IEC 62133-1 : 2017
262.		Recommendations to the endusers	Annex B IS 16046-1: 2018/ IEC 62133-1 : 2017
263.	Secondary cells and batteries Containing alkaline or other	Parameter measurement tolerances	Cl. 4.0 IS 16046-2: 2018/ IEC 62133-2 : 2017

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Cells & Batteries		
264.	Non-acid electrolytes — safety Requirements for portable sealed	General	Cl. 5.1 IS 16046-2: 2018/ IEC 62133-2 : 2017
265.	Secondary cells and for batteries	Venting	Cl. 5.3 IS 16046-2: 2018/ IEC 62133-2 : 2017
266.	Made from them for use in Portable applications	Temperature, voltage and current management	Cl. 5.4 IS 16046-2: 2018/ IEC 62133-2 : 2017
267.	Part 2 lithium systems	Terminal contacts	Cl. 5.5 IS 16046-2: 2018/ IEC 62133-2 : 2017
268.		Assembly of cells into batteries	Cl. 5.6 IS 16046-2: 2018/ IEC 62133-2 : 2017
269.		Quality plan	Cl. 5.7 IS 16046-2: 2018/ IEC 62133-2 : 2017
270.		Specific requirements and tests	Cl. 7 IS 16046-2: 2018/ IEC 62133-2 : 2017
271.		General	Cl. 8.1 IS 16046-2: 2018/ IEC 62133-2 : 2017
272.		Cell marking	Cl. 9.1 IS 16046-2: 2018/ IEC 62133-2 : 2017
273.		Battery marking	Cl. 9.2 IS 16046-2: 2018/ IEC 62133-2 : 2017
274.		Caution for ingestion of small cells and batteries	Cl. 9.3 IS 16046-2: 2018/ IEC 62133-2: 2017

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Cells & Batteries		
275.	Secondary cells and batteries containing alkaline or other non-acid electrolytes — safety requirements for secondary lithium cells and batteries, for use in industrial applications	Other information	Cl. 9.4 IS 16046-2: 2018/ IEC 62133-2: 2017
276.		Packaging and transport	Cl. 10 IS 16046-2: 2018/ IEC 62133-2: 2017
277.		Charging and discharging range of secondary lithium-ion cells for safe use	Annex A IS 16046-2: 2018/ IEC 62133-2: 2017
278.		Parameter measurement tolerances	Cl. 4 IS 16805: 2018 / IEC 62619: 2017
279.		General safety considerations	Cl. 5 IS 16805: 2018 / IEC 62619: 2017
280.		Type test conditions	Cl. 6 IS 16805: 2018 / IEC 62619: 2017
281.		Specific requirements and tests	Cl. 7 IS 16805: 2018 / IEC 62619: 2017
282.		Charging procedures for test purposes	Cl. 7.1 IS 16805: 2018 / IEC 62619: 2017
283.		Reasonably foreseeable misuse	Cl. 7.2 IS 16805: 2018 / IEC 62619: 2017
284.		External short-circuit test (cell or cell block).	Cl. 7.2.1 IS 16805: 2018 / IEC 62619: 2017
285.		Impact test (cell or cell block)	Cl. 7.2.2 IS 16805: 2018 / IEC 62619: 2017

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Cells & Batteries		
286.	Secondary cells and batteries containing alkaline or other non-acid electrolytes — safety requirements for secondary lithium cells and batteries, for use in industrial applications	Drop test (cell or cell block, and battery system)	Cl. 7.2.3 IS 16805: 2018 / IEC 62619: 2017
287.		Thermal abuse test (cell or cell block).	Cl. 7.2.4 IS 16805: 2018 / IEC 62619: 2017
288.		Overcharge test (cell or cell block).	Cl. 7.2.5 IS 16805: 2018 / IEC 62619: 2017
289.		Forced discharge test (cell or cell block)	Cl. 7.2.6 IS 16805: 2018 / IEC 62619: 2017
290.		Considerations for internal short-circuit — design evaluation	Cl. 7.3 IS 16805: 2018 / IEC 62619: 2017
291.		General	Cl. 7.3.1 IS 16805: 2018 / IEC 62619: 2017
292.		Internal short-circuit test (cell)	Cl. 7.3.2 IS 16805: 2018 / IEC 62619: 2017
293.		Propagation test (battery system)	Cl. 7.3.3 IS 16805: 2018 / IEC 62619: 2017
294.		Battery safety system (considering functional safety)	Cl. 8.0 IS 16805: 2018 / IEC 62619: 2017
295.		General requirements	Cl. 8.1 IS 16805: 2018 / IEC 62619: 2017

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

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



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

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

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Electronic Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Audio Equipment		
22.		Wall or ceiling mounting means	Cl. 19.7, IS 616: 2017
23.		Creepage distances and clearances	Cl. 13, IS 616: 2017 Cl. 13, IEC 60065: 2014
24.		Determination of hazardous Live parts Fault Condition (Electric Shock)	Cl. 9.1.1.2, 11.1, IS 616: 2017 Cl. 9.1.1.2, 11.1, IEC 60065: 2014
25.		Drop Test	Cl. 12.1.5, 12.7.3.4, IS 616: 2017 Cl. 12.1.5, 12.7.3.4, IEC 60065: 2014
26.		Electric shock hazard under normal operating condition	Cl. 9, IS 616: 2017 Cl. 9, IEC 60065: 2014
27.		Fault condition (Heating)	Cl. 11.2, IS 616: 2017 Cl. 11.2, IEC 60065: 2014
28.		Fault conditions	Cl. 4.3, IS 616: 2017 Cl. 4.3, IEC 60065: 2014
29.		Heating under normal operating conditions	Cl. 7, IS 616: 2017 Cl. 7, IEC 60065: 2014
30.		Insulation resistance and dielectric strength	Cl. 10.4, IS 616: 2017 Cl. 10.4, IEC 60065: 2014
31.		Insulation resistance and dielectric strength	Cl. 10.4, IS 616: 2017
32.		Measurement of transient voltages	Cl. 13.3.4, IS 616: 2017 Cl. 13.3.4, IEC 60065: 2014

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Electronic Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Audio Equipment		
33.		Opening of enclosure, Terminal	Cl. 9.1.3, 9.1.4, IS 616: 2017 Cl. 9.1.3, 9.1.4, IEC 60065:
34.		Pre-set control	Cl. 9.1.5, IS 616: 2017 Cl. 9.1.5, IEC 60065: 2014
35.		Provision for protective earthing	Cl. 15, 15.2, IS 616: 2017 Cl. 15, 15.2, IEC 60065: 2014
36.		Provision for protective earthing	Cl. 15.2, IS 616: 2017 Cl. 15.2, IEC 60065: 2014
37.		Resistance of external forces	Cl. 9.1.7, IS 616: 2017 Cl. 9.1.7, IEC 60065: 2014
38.		Withdrawal of mains plug	Cl. 9.1.6, IS 616: 2017
39.		Normal operating conditions	Cl. 4.2, IS 616: 2017 Cl. 4.2, IEC 60065: 2014
40.		Remote control device held in hand	Cl. 12.3, IS 616: 2017 Cl. 12.3, IEC 60065: 2014
41.	Audio/Video, information and communication technology equipment	Safeguards against fire under normal operating conditions and abnormal operating conditions	IS/IEC 62368-1 (Clause 6.3): 2018
42.		Safeguards Against Moving Parts	IS/IEC 62368-1 (ed 3) EN 62368-1 (Clause 8.5.1, 8.5.2, 8.5.3): 2018
43.		Safeguards Against Parts with Sharp Edges and Corners	IS/IEC 62368-1 (ed 3): Clause No. 8.4: 2018

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Electronic Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Audio Equipment		
44.		Safeguards Against Thermal Energy Sources	IS/IEC 62368-1(ed 3) Clause No. 9.4: 2018
45.		Separation between external circuits and earth	IS/IEC 62368-1 Clause No. 5.4.11: 2018
46.		Solid insulation	IS/IEC 62368-1 (Clause 5.4.4):
47.		Special categories of equipment containing moving parts	IS/IEC 62368-1 Clause No. 8.5.4: 2018
48.		Stability of equipment	IS/IEC 62368-1 (Clause 8.6): 2018
49.		Steady –state voltage and current limits	IS/IEC 62368-1 Clause No. 5.2.2.2: 2018
50.		Steady-state test (electric strength test)	IS/IEC 62368-1 (Clause 5.4.10.2.3): 2018
51.		Stress relief test	IS/IEC 62368-1: (Clause no. 4.8.4.2): 2018
52.		Telescoping or rod antennas	IS/IEC 62368-1(ed 3:) Clause No. 8.12 (Annex T.11): 2018
53.		Test conditions for equipment contain audio amplifiers	IS/IEC 62368-1 Clause No. Annex E: 2018

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Electronic Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Audio Equipment		
54.		Top openings and top opening properties	IS/IEC 62368-1 Clause No. 6.4.8.3.3: 2018
55.		Touch Temperature limit	IS/IEC 62368-1 Clause No. 9.3: 2018
56.		Vicat softening test	IS/IEC 62368-1 (Clause 5.4.1.10.2): 2018
57.		Wheels or casters attachment requirement	IS/IEC 62368-1 Clause No.8.9: 2018
58.	Audio/video, information and communication technology equipment	Fire enclosures and fire barriers	IEC 62368-1: 2023 (Clause 6.4.8)
59.	Audio/video, information and communication technology equipment	Abrasion resistance test on coated printed boards	IEC 62368-1: 2023 (Annex G.13.6) (Annex G1, G2, G3, G4, G5, G6, G7, G10, G11, G12, G13 & G14)
60.	Audio/video, information and communication technology equipment	Accessibility to electrical energy sources and safeguards	IEC 62368-1: 2023 (Clause 5.3.2)
61.	Audio/video, information and communication technology equipment	Antenna terminal insulation	IEC 62368-1: 2023 (Clause 5.4.5)
62.	Audio/video, information and communication technology equipment	Ball pressure test	IEC 62368-1: 2023 (Clause 5.4.1.10.3)

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Electronic Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Audio Equipment		
63.	Audio/video, information and communication technology equipment	Battery replacement test	IEC 62368-1: 2023(Clause 4.8.4.3)
64.	Audio/video, information and communication technology equipment	Cart, stand or carrier loading test and compliance criteria	IEC 62368-1: 2023(Clause 8.10.3)
65.	Audio/video, information and communication technology equipment	Classification of potential ignition source	IEC 62368-1: 2023 (Clause 6.2.3)
66.	Audio/video, information and communication technology equipment	Clearance, creepage distance and solid insulation	IEC 62368-1:2023 (Clause 5.4.2, 5.4.3, 5.4.4)
67.	Audio/video, information and communication technology equipment	Compliance criteria (force test)	IEC 62368-1: 2023 (Clause 4.8.5)
68.	Audio/video, information and communication technology equipment	Components requirements	IEC 62368-1: 2023 (Clause 4.10)
69.	Audio/video, information and communication technology equipment	Corrosion	IEC 62368-1: 2023 Clause 5.6.5.2
70.	Audio/video, information and communication technology equipment	Criteria for telephone ringing signals (TNV circuit test)	IEC 62368-1: 2023 (Annex H)

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Audio Equipment		
71.	Audio/video, information and communication technology equipment	Crush test	IEC 62368-1:2023 (Clause 4.8.4.6)
72.	Audio/video, information and communication technology equipment	Drop test	IEC 62368-1: 2023 (Clause 4.8.4.4)
73.	Audio/video, information and communication technology equipment	Electric strength test	IEC 62368-1: 2023 (Clause 5.4.9)
74.	Audio/video, information and communication technology equipment	Energy source classifications	IEC 62368-1: 2023 (Clause 4.2)
75.	Audio/video, information and communication technology equipment	Equipment for direct insertion in to mains socket-outlets	IEC 62368-1: 2023 (Clause 4.7)
76.	Audio/video, information and communication technology equipment	Equipment markings, instructions, and instructional safeguards	IEC 62368-1: 2023 (Annex F)
77.	Audio/video, information and communication technology equipment	Equipment mounted to a wall or ceiling or other structure	IEC 62368-1: 2023 (Clause 8.7)
78.	Audio/video, information and communication technology equipment	Fixing of conductors and conductive part	IEC 62368-1: 2023 (Clause 4.6)

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Audio Equipment		
79.	Audio/video, information and communication technology equipment	Glass slide test	IEC 62368-1: 2023 (Clause 8.6.4)
80.	Audio/video, information and communication technology equipment	Handle strength	IEC 62368-1: 2023 (Clause 8.8)
81.	Audio/video, information and communication technology equipment	Horizontal force test and compliance criteria	IEC 62368-1: 2023 (Clause 8.6.5)
82.	Audio/video, information and communication technology equipment	Humidity conditioning	IEC 62368-1: 2023 (Clause 5.4.8)
83.	Audio/video, information and communication technology equipment	Impact test	IEC 62368-1: 2023 (Clause 4.8.4.5)
84.	Audio/video, information and communication technology equipment	Impulse test	IEC 62368-1: 2023 (Clause 5.4.10.2.2)
85.	Audio/video, information and communication technology equipment	Input test	IEC 62368-1: 2023 (Annex B.2.5)
86.	Audio/video, information and communication technology equipment	Insulating surfaces	IEC 62368-1: 2023 (Clause 5.4.1.9)

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Electronic Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Audio Equipment		
87.	Audio/video, information and communication technology equipment	Insulation of internal wire	IEC 62368-1: 2023 (Clause 5.4.6)
88.	Audio/video, information and communication technology equipment	Internal and external wiring	IEC 62368-1: 2023 (Clause 6.5)
89.	Audio/video, information and communication technology equipment	Likelihood of fire or shock due to entry of conductive object	IEC 62368-1: 2023 (Clause 4.9)
90.	Audio/video, information and communication technology equipment	Maximum operating temperature (temperature measurement)	IEC 62368-1: 2023 (Clause 5.4.1.4)
91.	Audio/video, information and communication technology equipment	Mechanical energy source classification	IEC 62368-1: 2023 (Clause 8.2)
92.	Audio/video, information and communication technology equipment	Mounting means for rack mounted equipment	IEC 62368-1: 2023 (Clause 8.11)
93.	Audio/video, information and communication technology equipment	Power source circuit classification	IEC 62368-1: 2023 (Clause 6.2.2)
94.	Audio/video, information and communication technology equipment	Prospective touch voltage, touch current and protective conductor current	IEC 62368-1: 2023 (Clause 5.7)

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Audio Equipment		
95.	Audio/video, information and communication technology equipment	Protection against energy sources	IEC 62368-1: 2023 (Clause 4.3)
96.	Audio/video, information and communication technology equipment	Requirements for safeguards	IEC 62368-1: 2023 (Clause 9.5)
97.	Audio/video, information and communication technology equipment	Resistance of the protective bonding system (earth bond test)	IEC 62368-1: 2023 (Clause 5.6.6)
98.	Audio/video, information and communication technology equipment	Rms working voltage	IEC 62368-1: 2023 (Clause 5.4.1.8.2)
99.	Audio/video, information and communication technology equipment	Safeguards	IEC 62368-1: 2023 (Clause 4.4)
100.	Audio/video, information and communication technology equipment	Safeguards against fire due to the connection of additional equipment	IEC 62368-1: 2023 (Clause 6.6)
101.	Audio/video, information and communication technology equipment	Safeguards against fire under normal operating conditions and abnormal operating conditions	IEC 62368-1: 2023 (Clause 6.3)
102.	Audio/video, information and communication technology equipment	Safeguards against parts with sharp edges and corners	IEC 62368-1: 2023 (Clause 8.4)

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

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

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

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	IT Equipment		
11.		Primary means of protection	IEC 61010-1(Ed 3.0) +A1: Clause No. 6.4: 2016
12.		Primary means of protection	IEC 61010-1(Ed 3.0): 2010
13.		Procedure for voltage test	IEC 61010-1(Ed 3.0) +A1: Clause No. 6.8: 2016
14.		Procedure for voltage test	IEC 61010-1(Ed 3.0): 2010
15.	Indian language support for mobile phone handsets	Marking	CI 6.0, IS 16333 (Part 3): 2022
16.		Inputting of text	Cl. 5.1, IS 16333 (Part 3): 2022
17.		Inputting of text	IS 16350: 2016
18.		Inputting of text	IS 16350: 2016
19.		Message readability	Cl. 5.2 of IS 16333 (Part 3): 2022
20.		Messaging readability	Cl. 5.2 IS 16333 (Part 3): 2017
21.		Messaging readability	Cl. 5.2 IS 16333 (Part 3): 2017
22.	Radio transmitting Equipment	Components	IEC 60215 (Edition 4), Clause 6.2: 2016
23.		Components	IS 10437: Clause 7.0: 2019
24.		Construction	IEC 60215 (Edition 4) Clause 6.3: 2016

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	IT Equipment		
25.		Construction	IS 10437: Clause 8.0: 2019
26.		Dangerous materials	IEC 60215 (Edition 4) Clause 8.6: 2016
27.		Dangerous materials	IS 10437 Clause 22: 1986
28.		Dangerous short-circuiting of low- voltage supplies	IEC 60215 (Edition 4) Clause 8.7: 2016
29.		Dangerous short-circuiting of low- voltage supplies	IS 10437 Clause 23: 1986
30.		Earthing	IEC 60215 (Edition 4) Clause 7.2: 2016
31.		Earthing	IEC 60215 (Edition 4) Clause 7.2: 2016
32.		Earthing	IS 10437 Clause 11: 2019
33.		Enclosure	IEC 60215 (Edition 4) Clause 7.3: 2016
34.		Enclosure	IS 10437 Clause 12: 2019
35.		Fault conditions	Clause 5.1 IS 10437: 2019
36.		Fault conditions	IEC 60215 (Edition 4) Clause 5.3: 2016
37.		Fire	IEC 60215 (Edition 4) Clause 8.3: 2016

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	IT Equipment		
38.		Fire	IS 10437, Clause 19: 1986
39.		General condition for tests	IEC 60215 (Edition 4) Clause 5.4: 2016
40.		General condition for tests	IS 10437, Clause 6.1: 2019
41.		High Temperatures, fire and miscellaneous hazards	IEC 60215 (Edition 4) Clause 8.0, 8.1: 2016
42.		High Temperatures, fire and miscellaneous hazards	IS 10437:2019 Clause 17: 2019
43.		Insulation	IEC 60215 (Edition 4) Clause 7.6: 2016
44.		Insulation	IS 10437 Clause 15: 2019
45.		Marking relevant to safety	IEC 60215 (Edition 4): Clause 6.4: 2016
46.		Marking relevant to safety	IS 10437: Clause 9: 2019
47.		Mechanical considerations concerning safety devices	IEC 60215 (Edition 4) Clause 7.4: 2016
48.		Mechanical considerations concerning safety devices	IS 10437: Clause 13: 2019
49.		Protection against harmful electric shock and radio-frequency skin burns	IEC 60215 (Edition 4):2016 Clause 7.0,7.1: 2016

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	IT Equipment		
50.		Protection against harmful electric shock and radio-frequency skin burns	IS 10437: Clause 10: 2019
51.		Temperature rise under fault conditions /High Temperature	IEC 60215 (Edition 4) Clause 8.2: 2016
52.		Temperature rise under fault conditions /High Temperature	IS 10437 Clause 18: 2019
53.		Voltage at the radio-frequency output connection	IEC 60215 (Edition 4) Clause 7.7: 2016
54.		Voltage at the radio-frequency output connection	IS 10437 Clause 16: 2019
55.		Wiring and termination	IEC 60215 (Edition 4) Clause 7.5: 2016
56.		Wiring and termination	IS 10437 Clause 14: 2019
57.	Safety of Information Technology Equipment- Visual Display Units (VDU), Video	Power interface	Cl. 1.6, IS 13252 (Part 1): 2010 + A1: 2013 + A2: 2015, IEC 60950-1:2005+A1:2009+A2:2013
58.	Monitors, Printers & Plotters, Laptop/Tablets/Notebook, Scanners & Iris Scanners,	Wiring connection and supply: general	Cl. 3.1, IS 13252 (Part 1): 2010 + A1: 2013 + A2: 2015, IEC 60950-1:2005+A1:2009+A2:2013
59.	Wireless Keyboards, Telephone Answering Machines, Set Top Box,	Abnormal Operating and fault Conditions	Cl. 5.3, IS 13252 (Part 1): 2010 + A1: 2013 + A2: 2015, IEC 60950-1:2005+A1:2009+A2:2013

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Electronic Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	IT Equipment		
60.	Automatic Data Processing Machine (ADP), Power	Connections to main supply	Cl. 3.2, IS 13252 (Part 1): 2010 + A1: 2013 + A2: 2015, IEC 60950-
61.	Adaptors for IT equipment, Mobile Phones, Cash Registers, Point of Sale terminals, Copying	Connections to tele communication network	Cl. 6, IS 13252 (Part 1): 2010 + A1: 2013 + A2: 2015, IEC 60950-1:2005+A1:2009+A2:2013
62.	machines/duplicators, Smart card readers, Mail processing machines/postage	Creepage Distances and Clearances	Cl. 2.10, IS 13252 (Part 1): 2010 + A1: 2013 + A2: 2015, IEC 60950-1:2005+A1:2009+A2:2013
63.	machines/Franking machines, Passport Reader, Power Bank for use in portable applications, CCTV	Design and construction	Cl. 4.3, IS 13252 (Part 1): 2010 + A1: 2013 + A2: 2015, IEC 60950-1:2005+A1:2009+A2:2013
64.	Camera/CCTV Recorder, USB Driven Barcode readers, Barcode scanners, Optical finger print scanner, Smart	Disconnections from the supply mains	Cl. 3.4, IS 13252 (Part 1): 2010 + A1: 2013 + A2: 2015, IEC 60950-1:2005+A1:2009+A2:2013
65.	Watch, Digital Camera, Keyboard, Automatic Teller Cash Dispensing Machine (ATM), USB Type External	Electric strength test	Cl. 5.2, IS 13252 (Part 1): 2010 + A1: 2013 + A2: 2015, IEC 60950-1:2005+A1:2009+A2:2013
66.	Hard Disk Drive, USB Type External Solid- State Storage	Electrical Insulation	Cl. 2.9, IS 13252 (Part 1): 2010 + A1: 2013 + A2: 2015, IEC 60950-1:2005+A1:2009+A2:2013

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	IT Equipment		
67.	Devices (above 256 GB capacity), Standalone Switch Mode Power Supplies (SMPS) with output voltage 48 V (max)	Electrical requirements and simulated abnormal conditions, touch current and protective conductor current	Cl. 5.1, IS 13252 (Part 1): 2010 + A1: 2013 + A2: 2015, IEC 60950-1:2005+A1:2009+A2:2013
68.		Impulse test	Cl. 2.10.3.9, IS 13252 (Part 1): 2010 + A1:2013 + A2: 2015, IEC 60950-1:2005+A1:2009+A2:2013
69.		Impulse test	Cl. 7, 7.4.3 IS 13252 (Part 1): 2010 + A1:2013 + A2: 2015, IEC 60950-1:2005+A1:2009+A2:2013
70.		Interconnection of equipment	Cl. 3.5, IS 13252 (Part 1): 2010 + A1: 2013 + A2: 2015, IEC 60950-1:2005+A1:2009+A2:2013
71.		Limited current circuits	Cl. 2.4, IS 13252 (Part 1): 2010 + A1: 2013 + A2: 2015, IEC 60950-1:2005+A1:2009+A2:2013
72.		Limited power source	Cl. 2.5, IS 13252 (Part 1): 2010 + A1: 2013 + A2: 2015, IEC 60950-1:2005+A1:2009+A2:2013
73.		Limited power source	Cl. 2.5, IS 13252 (Part 1): 2010 + A1: 2013 + A2: 2015, IEC 60950-1:2005+A1:2009+A2:2013
74.		Marking and Instructions	Cl. 1.7, IS 13252 (Part 1): 2010 + A1: 2013 + A2: 2015, IEC 60950-1:2005+A1:2009+A2:2013

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Electronic Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	IT Equipment		
75.		Mechanical strength	Cl. 4.2, IS 13252 (Part 1): 2010 + A1: 2013 + A2: 2015, IEC 60950-1:2005+A1:2009+A2:2013
76.		Over-current and earth fault protective in primary circuits	Cl. 2.7, IS 13252 (Part 1): 2010 + A1: 2013 + A2: 2015, IEC 60950-1:2005+A1:2009+A2:2013
77.		Physical requirements stability	Cl. 4.1, IS 13252 (Part 1): 2010 + A1: 2013 + A2: 2015, IEC 60950-1:2005+A1:2009+A2:2013
78.		Power Interface	Cl. 1.6, IS 13252 (Part 1): 2010 + A1: 2013 + A2: 2015, IEC 60950-1:2005+A1:2009+A2:2013
79.		Protection against hazardous moving parts	Cl. 4.4, IS 13252 (Part 1): 2010 + A1: 2013 + A2: 2015, IEC 60950-1:2005+A1:2009+A2:2013
80.		Protection from hazards, protection from electric Shock and energy Hazards	Cl. 2.1, IS 13252 (Part 1): 2010 + A1: 2013 + A2: 2015, IEC 60950-1:2005+A1:2009+A2:2013
81.		Provision for Earthing and Bonding	Cl. 2.6, IS 13252 (Part 1): 2010 + A1: 2013 + A2: 2015, IEC 60950-1:2005+A1:2009+A2:2013
82.		Resistance to Fire	Cl. 4.7, IS 13252 (Part 1): 2010 + A1: 2013 + A2: 2015, IEC 60950-1:2005+A1:2009+A2:2013

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	IT Equipment		
83.		SELV circuits	Cl. 2.2, IS 13252 (Part 1): 2010 + A1: 2013 + A2: 2015, IEC 60950-1:2005+A1:2009+A2:2013
84.		Thermal requirements	Cl. 4.5, IS 13252 (Part 1): 2010 + A1: 2013 + A2: 2015, IEC 60950
85.		TNV circuits	Cl. 2.3, IS 13252 (Part 1): 2010 + A1: 2013 + A2: 2015, IEC 60950-1:2005+A1:2009+A2:2013
86.		Voltage surge test	Cl. 7, 7.4.2, IS 13252 (Part 1): 2010 + A1:2013 + A2: 2015, IEC 60950-1:2005+A1:2009+A2:2013
87.		Wiring terminals for external conductors	Cl. 3.3, IS 13252 (Part 1): 2010 + A1: 2013 + A2: 2015, IEC 60950-1:2005+A1:2009+A2:2013
88.		Wiring terminals for external conductors	Cl. 3.3, IS 13252 (Part 1): 2010 + A1: 2013 + A2: 2015, IEC 60950-1:2005+A1:2009+A2:2013
89.		Limited power source	Cl. 2.5, IS 13252 (Part 1): 2010 + A1: 2013 + A2: 2015, IEC 60950-1:2005+A1:2009+A2:2013
90.		General requirement	Cl. 1.3, IS 13252 (Part 1): 2010 + A1: 2013 + A2: 2015, IEC 60950-1:2005+A1:2009+A2:2013
91.		Opening in enclosure	Cl. 4.6, IS 13252 (Part 1): 2010 + A1: 2013 + A2: 2015, IEC 60950-

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	IT Equipment		
			1:2005+A1:2009+A2:2013
92.	Information technology equipment- visual display units (VDU), video monitors, printers & plotters,	Components	Cl 1.5 IS 13252 (Part 1): 2010 + A1: 2013 + A2: 2015 / IEC 60950-1: 2005 + A1:2009 + A2: 2013
93.	laptop/tablets/notebook, scanners & iris scanners, wireless keyboards, telephone answering machines, set top box, automatic data processing machine(ADP), power adaptors for it equipment, mobile phones, cash registers, point of sale terminals, copying machines/duplicators, smart card readers, mail processing machines/postage machines/franking machines, passport reader, power bank for use in portable applications, CCTV camera/CCTV recorder, USB driven barcode readers, barcode scanners, optical finger print scanner, smart	Safety interlocks	Cl. 2.8, IS 13252 (Part 1): 2010, +A1:2013 +A2:2015, RAF: 2019, IEC 60950-1:2005+A1:2009+A2:2013
94.		Touch current and protective conductor current	Cl. 5.1, IS 13252 (Part 1): 2010, +A1:2013 +A2:2015, RAF: 2019, IEC 60950-1:2005+A1:2009+A2:20013
95.		Protection of telecommunication network service persons, and users of other equipment connected to the network, from hazards in the equipment	Cl. 6.1, IS 13252 (Part 1): 2010, +A1:2013 +A2:2015, RAF: 2019, IEC 60950-1:2005+A1:2009+A2:2013
96.		Protection of equipment users from over voltages on networks telecommunication	Cl. 6.2, IS 13252 (Part 1): 2010, +A1:2013 +A2:2015, RAF: 2019, IEC 60950-1:2005+A1:2009+A2:2013
97.		Protection of the telecommunication wiring	Cl. 6.3, IS 13252 (Part 1): 2010, +A1:2013 +A2:2015, RAF: 2019, IEC
98.		Connection to cable distribution systems	Cl. 7, IS 13252 (Part 1): 2010, +A1:2013 +A2:2015, RAF: 2019, IEC 60950-1:2005+A1:2009+A2:2013

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	IT Equipment		
99.	watch, switching mode power supply with output voltage 48v max., keyboard, automatic teller cash dispensing machine, USB type external solid state storage device	General requirements	Cl. 7.1, IS 13252 (Part 1): 2010, +A1:2013 +A2:2015, RAF: 2019, IEC 60950-1:2005+A1:2009+A2:2013
100.	(above 256GB capacity, digital camera, video camera	Protection of cable distribution system service persons, and users of other equipment connected to the system, from hazardous voltages in the equipment	Cl. 7.2, IS 13252 (Part 1): 2010, +A1:2013 +A2:2015, RAF: 2019, IEC 60950-1:2005+A1:2009+A2:2013
101.		Protection of equipment users from over voltages on the cable distribution system)	Cl. 7.3, IS 13252 (Part 1): 2010, +A1:2013 +A2:2015, RAF: 2019, IEC 60950-1:2005+A1:2009+A2:2013
102.		Insulation between primary circuits and cable distribution systems	Cl. 7.4, IS 13252 (Part 1): 2010, +A1:2013 +A2:2015, RAF: 2019, IEC 60950-1:2005+A1:2009+A2:2013



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	Domestic Electronic Appliances & Accessories		
1.	LED Display / TV	Luminance	Cl. 6.5, IEC 62087-1, Cl. 6.5, IEC 62087-3: 2015
2.		Luminance	Cl.5 of BEE Schedule 11 & Cl. 4 of BEE Schedule 26, Cl. 5.1.7, IEC 62087-1: 2015
3.		Luminance	Cl.5 of BEE Schedule 11 & Cl. 4 of BEE Schedule 26, Cl. 6.5, IEC 62087-3: 2015
4.		Measurement of power consumption in, partial on mode	Cl.5 of BEE Schedule 11 & Cl. 4 of BEE Schedule 26, Cl. 6.6 of IEC 62087-3: 2015
5.		Measurement of power consumption in Off mode	Cl.5 of BEE Schedule 11 & Cl. 4 of BEE Schedule 26, Cl. 6.7 of IEC 62087-3: 2015
6.		On mode power consumption	Cl. 6.4, IEC 62087-3: 2015 BEE Schedule 11, BEE Schedule 26
7.		On mode power consumption	Cl.5 of BEE Schedule 11 & Cl. 4 of BEE Schedule 26, Cl. 6.4, IEC 62087-1: 2015
8.		On mode power consumption	Cl.5 of BEE Schedule 11 & Cl. 4 of BEE Schedule 26, Cl. 6.4, IEC 62087-1: 2015

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

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electronic Appliances & Accessories		
19.		Power Measurement -off mode -sleep mode -idle state	IEC 62623: 2012BEE Schedule 14
20.	Digital Television Receiver for Satellite Broadcast	DisEqC	Cl.3.4(vii) of IS 18112: 2022
21.	Transmission - Specification	Marking	Cl.4.1 of IS 18112: 2022
22.		Operating ambient temperature range	Cl.3.4(viii) of IS 18112: 2022
23.		Operating Humidity Range	Cl.3.4(ix) of IS 18112: 2022
24.		Power consumption	Cl.3.4(x) of IS 18112: 2022
25.		RF characteristics to be supported by the DTV receiver	Cl.3.4(ii) of IS 18112: 2022
26.		RF input return loss	Cl.3.4(vi) of IS 18112: 2022
27.		Satellite DTV: DVB-S tuner performance characteristics	Cl.3.4(iii) of IS 18112: 2022
28.		Satellite DTV: DVB-S2 tuner performance characteristics	Cl.3.4(iv) of IS 18112: 2022
29.		Symbol rate	Cl.3.4(v) of IS 18112: 2022
30.	Laptop desktop Computer / Notebook computer external Power Adapter Battery	Standby mode power consumption	Cl.5 BEE Schedule 11, Cl. 4, Cl.5 BEE Schedule 14, IEC 62301: 2011 BEE Schedule 16

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	Domestic Electronic Appliances & Accessories		
31.	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 BEE Schedule 11, Cl. 4, Cl.5 BEE Schedule 14, IEC 62301: 2011 BEE Schedule 16
32.		Standby mode power consumption	Cl.5 BEE Schedule 11, Cl. 4, Cl.5 BEE Schedule 14, IEC 62301: 2011 BEE Schedule 16
33.		Standby Mode Power Consumption	Cl.5 BEE Schedule 11, Cl. 4, Cl.5 BEE Schedule 14, IEC 62301: 2011 BEE Schedule 16
34.	Office Equipment (Printers, Scanners, Copiers, Fax Machines and Multifunction Devices)	Power measurement in on mode, off mode, sleep mode	IEC 62301 Ed 2: 2011 BEE Schedule 16
35.		Power Measurement in on mode, off mode, sleep mode	IEC 62301 Ed 2: 2011 BEE Schedule 16
36.	Digital television receiver for satellite broadcast transmission - specification	Performance requirements	Cl.3.4 table-2 (ii) of IS 18112: 2022
37.		Specifications	Cl.3.3 of IS 18112: 2022
38.		Safety requirements	Cl.3.5 of IS 18112: 2022
39.		Marking	Cl.4 of IS 18112: 2022
40.		Operating life test	Cl.5 of IS 18112: 2022

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	Domestic Electronic Appliances & Accessories		
41.		Basic DTV receiver profile hardware specification	Cl.3.1 table-1 (i) a) of IS 18112: 2022
42.		Decompression and decoding of sdtv video	Cl.3.1 table-1 (i) b) of IS 18112: 2022
43.		Decompression and decoding of hdtv video	Cl.3.1 table-1 (i) c) of IS 18112: 2022
44.		Decompression and decoding of audio	Cl.3.1 table-1 (i) d) of IS 18112: 2022
45.		Active format descriptors	Cl.3.1 table-1 (i) e) of IS 18112: 2022
46.		Captioning and sub-titling	Cl.3.1 table-1 (i) f) of IS 18112: 2022
47.		Teletext	Cl.3.1 table-1 (i) g) of IS 18112: 2022
48.		Multi-language support	Cl.3.1 table-1 (i) h) of IS 18112: 2022
49.		DTV receiver mixed audio description	Cl.3.1 table-1 (i) j) of IS 18112: 2022
50.		Broadcast mixed audio description	Cl.3.1 table-1 (i) k) of IS 18112: 2022
51.		Service demultiplexing	Cl.3.1 table-1 (i) m) of IS 18112: 2022
52.		Data services	Cl.3.1 table-1 (i) n) of IS 18112: 2022

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	Domestic Electronic Appliances & Accessories		
53.		OSD	Cl.3.1 table-1 (i) p) of IS 18112: 2022
54.		DTV receiver character set	Cl.3.1 table-1 (i) q) of IS 18112: 2022
55.		Electronic service guide (ESG) 'now/next'	Cl.3.1 table-1 (i) r) of IS 18112: 2022
56.		Time	Cl.3.1 table-1 (i) s) of IS 18112: 2022
57.		Digital tv output	Cl.3.1 table-1 (i) t) of IS 18112: 2022
58.		Frequency	Cl.3.4 table-2 (i) b of IS 18112: 2022
59.		Electrical specifications input voltage range	Cl.3.4 table-2 (i) a of IS 18112: 2022
60.		Digital satellite reception demodulation and FEC decoding	Cl.3.1 table-1 (ii) a) of IS 18112: 2022
61.		DTV receiver installation	Cl.3.1 table-1 (ii) b) of IS 18112: 2022
62.		Network evolution	Cl.3.1 table-1 (ii) c) of IS 18112: 2022
63.		RF input impedance	Cl.3.4 table-2 (iii) c) of IS 18112: 2022
64.		Services available	Cl.3.1 table-1 (ii) d) of IS 18112: 2022

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electronic Appliances & Accessories		
65.	Digital television receiver for satellite broadcast transmission - specification	Selection via service list	Cl.3.1 table-1 (ii) e) of IS 18112: 2022
66.		Selection via numeric entry	Cl.3.1 table-1 (ii) f) of IS 18112: 2022
67.		Favorite channel list	Cl.3.1 table-1 (ii) g) of IS 18112: 2022
68.		Hidden services	Cl.3.1 table-1 (ii) h) of IS 18112: 2022
69.		Input frequency range	Cl.3.4 table-2 (iii) b) of IS 18112: 2022
70.		Logical channel number for satellite services	Cl.3.1 table-1 (ii) j) of IS 18112: 2022
71.		RF input signal	Cl.3.1 table-1 (ii) k) of IS 18112: 2022
72.		LNB supply current	Cl.3.1 table-1 (ii) m) of IS 18112: 2022
73.		LNB supply voltage	Cl.3.1 table-1 (ii) n) of IS 18112: 2022
74.		LNB control	Cl.3.1 table-1 (ii) p) of IS 18112: 2022
75.		Modulation/demodulation parameters for DVB-S & DVB-S2	Cl.3.1 table-1 (ii) q) of IS 18112: 2022

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Electronic Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electronic Appliances & Accessories		
76.		Satellite DTB: DVB-S tuner performance characteristics input level per a carrier	Cl.3.4 table-2 (iii) a) of IS 18112: 2022
77.		Rf input impedance	Cl.3.4 table-2 (iv) c) of IS 18112: 2022
78.		Input frequency range	Cl.3.4 table-2 (iv) b) of IS 18112: 2022
79.		Satellite DTV: DVB-S2 tuner performance characteristics input level per carrier	Cl.3.4 table-2 (iv) a) of IS 18112: 2022
80.		Symbol rate	Cl.3.4 table-2 (v) of IS 18112: 2022
81.		RF input return loss	Cl.3.4 table-2 (vi) of IS 18112: 2022
82.		DisEqC	Cl.3.4 table-2 (vii) of IS 18112: 2022
83.		Operating ambient temperature range	Cl.3.4 table-2 (viii) of IS 18112: 2022
84.		Operating humidity range	Cl.3.4 table-2 (ix) of IS 18112: 2022

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Electronic Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electronic Appliances & Accessories		
85.		Power consumption	Cl.3.4 table-2 (x) of IS 18112: 2022
86.		Connectors: interfaces, connectors	Cl.3.1 Table-1 (iii) a) of IS 18112: 2022
87.		Maintenance and upgrade automatic software upgrade Mechanism	Cl.3.1 Table-1 (iv) of IS 18112: 2022
88.		User information remote control	Cl.3.1 Table-1 (v) a) of IS 18112: 2022
89.		Easy to use and simple documentation	Cl.3.1 Table-1 (v) b) of IS 18112: 2022
90.		Support package	Cl.3.1 Table-1 (v) c) of IS 18112: 2022

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

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

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Electronic Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	EMC Test Facility		
	range 9 kHz to 30 MHz (NFC)		
13.	Short range devices (SRD) operating in the frequency range 25 MHz to 1000 MHz	Adjacent channel power	ETSI EN 300 220-1 V3.1.1 (2017-02) Clause 5.11: 2017
14.	Short range devices (SRD) operating in the frequency range 25 MHz to 1000 MHz	Adjacent channel power	ETSI EN 300 220-2 V3.2.1 (2018-06) Clause 4.3.7: 2018
15.	Short range devices (SRD) operating in the frequency range 25 MHz to 1000 MHz	FHSS equipment	ETSI EN 300 220-2 V3.2.1 (2018-06) Clause 4.3.10: 2018
16.	Short range devices (SRD) operating in the frequency range 25 MHz to 1000 MHz	TX behavior under low voltage conditions	ETSI EN 300 220-2 V3.2.1 (2018-06) Clause 4.3.8: 2018
17.	Short range devices (SRD) operating in the frequency range 25 MHz to 1000 MHz	Effective Radiated power (Conducted measurement)	ETSI EN 300 220-1 V3.1.1 (2017-02) Clause 5.2: 2017
18.	Short range devices (SRD) operating in the frequency range 25 MHz to 1000 MHz	Effective Radiated Power (Conducted measurement)	ETSI EN 300 220-2 V3.2.1 (2018-06) Clause 4.3.1: 2018
19.	Short range devices (SRD) operating in the frequency range 25 MHz to 1000 MHz	Frequency error (Conducted measurement)	ETSI EN 300 220-1 V3.1.1 (2017-02) Clause 5.7: 2017

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

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



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Electronic Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	EMC Test Facility		
33.	Any Electrical/Electronic Product	Voltage dips, short interruptions and voltage variations immunity tests for equipment with input current up to 20 A per phase	IEC/EN 61000-4-11: 2020, IS 14700 (Part 4/Sec 11); IEC/EN 61547:2009
34.	Any Electrical/Electronic Product	(Harmonics and interharmonics including mains signalling at A.C. power port, low frequency immunity tests), Flicker	IEC/EN 61000-4-13: 2002, IEC 61000-3-2:2018+A1:2020, IEC61000-3-3:2013+ A1:2017 +A2:2021; IEC/EN 61547:2009



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

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

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

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

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Gas Stove Use with LPG		
48.		Ignition and flame travel	Cl.19, IS 15558: 2005
49.		Flame stability	Cl.20, IS 15558: 2005
50.		Noise control	Cl.21, IS 15558: 2005
51.		Flash-back	Cl.22, IS 15558: 2005
52.		Resistance to draught	Cl.23, IS 15558: 2005
53.		Fire hazard and limiting temperature	Cl.24, IS 15558 :2005
54.		Time for temperature rise	Cl.25, IS 15558: 2005
55.		Instructions	Cl.26, IS 15558: 2005
56.		Marking	Cl.27, IS 15558: 2005
57.		Packing	Cl.28, IS 15558: 2005

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

1. Electrical Testing-

- Domestic Electrical Appliances- Sl. No.203-495 (Page No. 16-39)
- Lamps, luminaries & Accessories- Sl. No. 405-425 (Page No. 63-64)
- Safety Testing Facility-Sl. No. 856-1348 (Page No. 115-182)
- Cells & Batteries- Sl. No. 217-319 (Page No. 200-208)

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2. Electronic Testing

- Audio Equipment-Sl. No. 58-111 (Page No. 214-221)
- IT Equipment-Sl. No. 92-102 (Page No. 229-230)
- Domestic Electronic Appliances Accessories-Sl. NO. 36-90 (Page No. 233-236)

Note: Scope amended w.e.f. 12 November 2024

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

1. Electrical Testing

• Domestic Electrical Appliances

S. No. 1 to 29, 44 to 121, 123, 128, 132, 134, 136, 140, 147, 150, 157 to 202, 243 to 255, 345 to 354, 356 to 369, 381 to 389 (Page No. 1-39)

• Safety Testing Facility

S. No. 1, 2, 6, 7, 9, 11, 12, 16, 17, 20, 22, 24, 26, 30, 31, 32, 34, 36, 38, 41, 42, 45, 47, 49, 52, 53, 55, 57, 59, 61, 63, 65, 68, 69, 71, 73, 75, 77, 79, 81, 83, 87, 88, 89, 91, 93, 95, 98, 99, 101, 103, 105, 108, 109, 111, 113, 115, 166, 168, 169, 173, 174, 176, 178, 180, 182, 184, 186, 188, 190, 192, 193, 194, 198, 200, 202, 204, 205, 208, 210, 214, 215, 218, 220, 222, 224, 225, 229, 230, 232, 234, 236, 238, 239 to 277, 359, 363, 364, 365, 367, 369, 370, 374, 375, 377, 379, 381, 384, 385, 387, 389, 421, 423, 426, 427, 429, 431, 432, 435, 437, 439, 441, 443, 445, 447, 449, 450, 451, 455, 457, 459, 461, 462, 465, 467, 469, 471, 472, 475, 477, 600, 603, 605, 606, 608 to 653, 655, 656, 658, 662, 663, 665, 667, 670, 672, 674, 676, 680 to 683, 686, 688, 691, 692, 694, 696, 698, 701, 702, 704, 706, 708, 710, 712, 714, 716, 718, 720, 722, 724, 726, 728, 730, 732, 734, 736, 738, 740, 742, 744, 746, 748, 750, 752, 746, 748, 750, 752, 755, 758, 759, 761, 763, 765, 767, 769, 771, 773, 775, 777, 779, 783, 784, 785, 787, 789, 792, 793, 795, 797, 799, 802, 803, 805, 807, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 1312 to 1332, 1335 to 1348 (Page No. 92-218)



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2. Mechanical Testing

- Domestic Gas Stove Use with LPG

S. No. 1 to 27 (Page No. 289-291)

3. Electronic Testing:

- IT Equipment

S. No. 57 to 92 (Page No. 267-272)

- Domestic Electronic Appliances & Accessories

S. No. 6, 16 to 19, 30 to 35 (Page No. 274-277)

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

1. Electrical Testing

- Domestic Electrical Appliances

S. No. 496-589 (Page No. 47-61)

- Safety Testing Facility

S. No. 859, 860, 861, 865, 866, 867, 868, 869, 870, 871 (Page No. 149-152)

2. Electronic Testing

- EMC Test Facility

S. No. 32 to 34 (Page No. 287-288)

