

Quality And Accreditation Institute

Centre for International Accreditation



Certificate of Accreditation

HT Product Services Private Limited

(Formerly Known as House of Testing)

A-22, Sector 83, Noida,

Gautam Budh Nagar-201305, Uttar Pradesh, India

(Address change from B-78 (Basement, 1st, 4th, 5th floor), Sector-5, Gautam Budh Nagar, Noida-201301, Uttar Pradesh, India to A-22, Sector 83, Noida, Gautam Budh Nagar - 201305, Uttar Pradesh, India w.e.f. 23 September 2026)

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/2023/0023

(Date of First Accreditation: 12 September 2023)

Valid from: 03 February 2026

Valid until: 02 February 2028

Dr. Bhupendra Kumar Rana
Chief Executive Officer

Prof. Vikram Kumar
Chair, CIA



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Accreditation Standard: ISO/IEC 17025:2017

Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Automotive Components		
1.	Automotive and Electromechanical Products, Assemblies and other Components	Cold Test	IEC 60068-2-1:2025
2.		Cold Test	IS/IEC 60068: Part 2: Sec 1: 2007
3.		Composite Temperature/ Humidity Cyclic Test	IEC 60068-2-38:2021
4.		Composite Temperature/ Humidity Cyclic Test	IS/IEC 60068: Part 2: Sec 38: 2021
5.		Damp Heat, Cyclic (12 H + 12 H Cycle)	IEC 60068-2-30:2025
6.		Damp Heat Cyclic (12 H + 12 H Cycle)	IS/IEC 60068: Part 2: Sec 30: 2005
7.	Automotive and Electromechanical Products, Assemblies and other Components Assemblies and other Components	Damp Heat (Cyclic) Test	IS 9000 (Part 5/Sec 1 & Sec II):2022
8.		Damp Heat, Steady State	IEC 60068-2-78:2025
9.		Damp Heat, Steady State	IS 9000 (Part 4): 2023
10.		Dry Heat Test	IEC 60068-2-2:2007
11.		Dry Heat Test	IS 9000 (Part 3/Sec I To V): 1977

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Automotive Components		
12.		High-Temperature Test	JASO D 014-4:2014
13.	Automotive and Electromechanical Products, Assemblies and other Components	Low-Temperature Test,	ISO 16750-4:2023
14.		High Temperature Test	ISO 16750-4:2023
15.		Temperature Cycling Test	ISO 16750-4:2023
16.		Rapid Change of Temperature	ISO 16750-4:2023
17.		Cold Water Shock Test	ISO 16750-4:2023
18.		Submersion Test	ISO 16750-4:2023
19.	Automotive and Electromechanical Products, Assemblies and other Components	Salt Spray Test	ISO 16750-4:2023
20.		Corrosion Test	ISO 16750-4:2023
21.		Salt Spray Combined Cycle Test	ISO 16750-4:2023
22.		Humid Heat (Cyclic Test)	ISO 16750-4:2023
23.		Atmospheric Pressure Test	ISO 16750-4:2023



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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Automotive Components		
24.	Automotive and Electromechanical Products, Assemblies and other Components	Salt Spray Test	ASTM B117:2019
25.		Salt Spray Test	IEC 60068-2-11:2021
26.		Salt Spray Test	IS 5528: 2024
27.		Salt Spray Test	ISO-10289:1999
28.		Salt Spray Test	ISO 9227:2022
29.		Salt Spray Test	JIS Z 2371:2015
30.		Steady-State High-Temperature/High-Humidity Test	JASO D 014-4:2014
31.		Temperature Change Shock Test	JASO D 014-4:2014, Clause No.5.3.2
32.		Temperature Cycling	ISO 16750- 4:2023, Clause No.5.3.2
33.		Temperature/Humidity Combination Cycle Test	JASO D 014-4:2014



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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Automotive Components		
34.	Automotive and Electromechanical Products, Assemblies and other Components	Thermal Cycling-Change of Temperature with Specified Change of Temperature	SAE J1455:2017
35.		Thermal Shock / Rapid Change of Temperature with Prescribed Time of Transfer	ISO 16750- 4:2023, Clause No.5.3.3
36.		Change of Temperature	IEC 60068-2-14:2023
37.		Change of Temperature	IS/IEC 60068: Part 2: Sec 14: 2023
38.		Thermal Shock / Rapid Change of Temperature with Prescribed Time of Transfer	SAE J1455:2017
39.		Ingress Protection Test	ISO 20653:2023
40.		UV Resistance Test	ASTM G-154:2023
41.		UV Resistance Test	ISO 4892-3:2024
42.		Hygroscopic Test	IEC 60322: 2001



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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Automotive Components		
43.		Shock And Vibration Tests	IEC 61373:2010
44.		Vibration	MIL 810-H (Method 514.8):2019
45.		Vibration	MIL 810-G (Method 514.6):2019
46.		Vibration -Sine -Random - Shock	JIS D 1601:1995
47.		Vibration -Sine -Random And - Shock	IEC 60068-2-6:2007
48.		Vibration -Sine -Random And - Shock	IEC 60068-2-27:2008
49.		Vibration -Sine -Random and - Shock	IEC 60068-2-64:2008+AMD1:2019
50.	Automotive and Electromechanical Products, Assemblies and other Components	Vibration -Sine -Random and - Shock	ISO 16750-3:2023
51.		Vibration -Sine -Random and - Shock	JASO D 014-3:2014
52.		Vibration -Sine -Random and - Shock	SAE J1211:2012

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Automotive Components		
53.		Vibration -Sine -Random and - Shock	SAE J1455: 2017
54.		Reference Information Required by the Test House	CI 6- 6.6, IEC 61373:2010
55.		Initial Measurements and Preconditioning	CI 7 IEC 61373:2010
56.		Functional Random Vibration Test Conditions	CI 8 IEC 61373:2010
57.		Simulated Long-Life Testing at Increased Random Vibration Levels	CI 9 IEC 61373:2010
58.		Shock Testing Conditions	CI 10-10.7 IEC 61373:2010
59.	Automotive and Electromechanical Products, Assemblies and other Components	Cold Start Test	IEC 60571(Subclause 12.2.4):2012
60.		Damp Heat Test, Cyclic	IEC 60571(Subclause 12.2.6):2012
61.		Dry Heat Test	IEC 60571(Subclause 12.2.5): 2012
62.		Salt Mist Test	IEC 60571(Subclause 12.2.11):2012

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Automotive Components		
63.		Vibration, Shock and Bump Test	IEC 60571(Subclause 12.2.12):2012
64.		Low Temperature Storage Test	IEC 60571(Subclause 12.2.15):2012
65.		Salt Mist Test (Loss in Mass)	IEC 60068-2-52:2017
66.		Salt Spray	ISO 16750-4:2023
67.		Damp Heat (Cyclic)Test	IS 9000: Part 5: Sec 1 and 2: 1981 (Reaffirmed Year: 2022)
68.		Damp Heat, Cyclic	IEC 60068-2-30:2025
69.		High Temperature Test	MIL-STD-810H:2019
70.		Humidity	MIL-STD-810H:2019
71.		Salt Spray (Loss in Mass)	JSS 55555: 2020
72.	Automotive And Electromechanical Products, Assemblies and other Components	Temperature Shock	MIL-STD-810H:2019
73.		Vibration Test	MIL-STD-810H:2019
74.		Salt Fog Test	MIL-STD-810H:2019

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Automotive Components		
75.		Drip Proof	Test No 11 JSS 55555:2020
76.		Shock or Impact Test	Test No 24 JSS 55555:2020
77.		Drop Test	Test No. 13 JSS 55555:2020
78.		Damp Heat Test	Test No.10 JSS 55555:2020
79.		Low Temperature Test	Test No. 20 JSS 55555:2020
80.		Toppling Test	Test No. 26 JSS 55555:2020
81.		Composite Temperature/ Humidity Cyclic Test	IS/IEC 60068-2-38: 2021
82.		Vibration (Sinusoidal)	IEC 60068-2-6:2007
83.	Automotive And Electromechanical Products,	Vibration, Broadband Random and Guidance	IEC 60068-2-64:2008+AMD1:2019
84.	Assemblies and other Components	Hammer Test	IEC 60068-2-75:2014/AMD1:2025



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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Automotive Components		
85.		Resistance to Aging, to Humidity Condition, to Ingress of Solid objects and to Harmful Ingress of Water	IS 14772:2020

Mechanical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Performance/Durability/Safety Test		
1.	Domestic Gas Stove	Gas Consumption	IS 4246: 2025 Cl.17 Annex D, Schedule 9
2.	Domestic Gas Stove	Thermal Efficiency	IS 4246 :2025 Cl.26 Annex F, Schedule 9



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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.	Safety of Household and Similar Electrical Appliance	General Requirement	Cl. 4 of IS 302-1:2008, A1 To A4:2015/IS 302-1:2024/IEC 60335-1:2020
2.		General Conditions for the Tests	Cl. 5 of IS 302-1:2008, A1 To A4:2015/IS 302-1:2024/IEC 60335-1:2020
3.		Classification	Cl. 6 of IS 302-1:2008, A1 To A4:2015/IS 302-1:2024/IEC 60335-1:2020
4.		Marking And Instruction	Cl. 7 of IS 302-1:2008, A1 To A4:2015/IS 302-1:2024/IEC 60335-1:2020

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Accreditation Standard: ISO/IEC 17025:2017

Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
5.		Protection Against Access to Live Parts	Cl. 8 of IS 302-1:2008, A1 To A4:2015/IS 302-1:2024/IEC 60335-1:2020
6.		Power Input and Current	Cl. 10 of IS 302-1:2008, A1 To A4:2015/IS 302-1:2024/IEC 60335-1:2020
7.		Heating	Cl. 11 of IS 302-1:2008, A1 To A4:2015/IS 302-1:2024/IEC 60335-1:2020
8.		Charging of Metal-Ion Batteries	Cl. 12 of IS 302-1:2024/IEC 60335-1:2020
9.		Leakage Current and Electric Strength at Operating Temperature	Cl. 13 of IS 302-1:2008, A1 To A4:2015/IS 302-1:2024/IEC 60335-1:2020
10.	Safety of Household and Similar Electrical Appliance	Transient over Voltage	Cl. 14 of IS 302-1:2008, A1 To A4:2015/IS 302-1:2024/IEC 60335-1:2020
11.		Moisture Resistance	Cl. 15 of IS 302-1:2008, A1 To A4:2015/IS 302-1:2024/IEC 60335-1:2020



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Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
12.		Leakage Current and Electric Strength	Cl. 16 of IS 302-1:2008, A1 To A4:2015/IS 302-1:2024/IEC 60335-1:2020
13.		Overload Protection of Transformers and Associated Circuit	Cl. 17 of IS 302-1:2008, A1 To A4:2015/IS 302-1:2024/IEC 60335-1:2020
14.		Endurance	Cl. 18 of IS 302-1:2008, A1 To A4:2015/IS 302-1:2024/IEC 60335-1:2020
15.		Abnormal Operation	Cl. 19 of IS 302-1:2008, A1 To A4:2015/ IS 302-1:2024 /IEC 60335-1:2020
16.		Stability And Mechanical Hazards	Cl. 20 of IS 302-1:2008, A1 To A4:2015/IS 302-1:2024/IEC 60335-1:2020
17.	Safety of Household and Similar Electrical Appliance	Mechanical Strength	Cl. 21 of IS 302-1:2008, A1 To A4:2015/IS 302-1:2024/IEC 60335-1:2020
18.		Construction	Cl. 22 f IS 302-1:2008, A1 To A4:2015/IS 302-1:2024/IEC 60335-1:2020



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Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
19.		Internal Wiring	Cl. 23 of IS 302-1:2008, A1 To A4:2015/IS 302-1:2024/IEC 60335-1:2020
20.		Components	Cl. 24 of IS 302-1:2008, A1 To A4:2015/IS 302-1:2024/IEC 60335-1:2020
21.		Supply Connection and External Flexible Cords	Cl. 25 Of IS 302-1:2008, A1 To A4:2015/IS 302-1:2024/IEC 60335-1:2020
22.		Terminal For External Conductors	Cl. 26 Of IS 302-1:2008, A1 To A4:2015/IS 302-1:2024/IEC 60335-1:2020
23.		Provision For Earthing	Cl. 27 Of IS 302-1:2008, A1 To A4:2015/IS 302-1:2024/IEC 60335-1:2020
24.		Screws And Connection	Cl. 28 Of IS 302-1:2008, A1 To A4:2015/IS 302-1:2024/IEC 60335-1:2020
25.	Safety of Household and Similar Electrical Appliance	Clearances, Creepage Distance and Solid Insulation	Cl. 29 Of IS 302-1:2008, A1 To A4:2015/IS 302-1:2024/IEC 60335-1:2020



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Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
26.		Resistance Heat and Fire	Cl. 30 Of IS 302-1:2008, A1 To A4:2015/IS 302-1:2024/IEC 60335-1:2020
27.		Resistance To Rusting	Cl. 31 Of IS 302-1:2008, A1 To A4:2015/IS 302-1:2024/IEC 60335-1:2020
28.		Routine Tests	Annex A of IS 302-1:2008, A1 To A4:2015/IS 302-1:2024/IEC 60335-1:2020
29.		Battery-Operated Appliances, Separable Batteries and Detachable Batteries for Battery-Operated Appliances	Annex B of IS 302-1:2008, A1 To A4:2015/IS 302-1:2024/IEC 60335-1:2020
30.		Ageing Test on Motors	Annex C of IS 302-1:2008, A1 To A4:2015/IS 302-1:2024/IEC 60335-1:2020
31.		Thermal Motor Protectors	Annex D of IS 302-1:2008, A1 To A4:2015/IS 302-1:2024/IEC 60335-1:2020
32.	Safety of Household and Similar Electrical Appliance	Needle-Flame Test	Annex E of IS 302-1:2008, A1 To A4:2015/IS 302-1:2024/IEC 60335-1:2020

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Accreditation Standard: ISO/IEC 17025:2017

Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
33.		Capacitors	Annex F of IS 302-1:2008, A1 To A4:2015/IS 302-1:2024/IEC 60335-1:2020
34.		Safety Isolating Transformers	Annex G of IS 302-1:2008, A1 To A4:2015/IS 302-1:2024/IEC 60335-1:2020
35.		Switches	Annex H of IS 302-1:2008, A1 To A4:2015/IS 302-1:2024/IEC 60335-1:2020
36.		Motors Having Basic Insulation That Is Inadequate for the Rated Voltage of the Appliance	Annex I of IS 302-1:2008, A1 To A4:2015/IS 302-1:2024/IEC 60335-1:2020
37.		Coated Printed Circuit Boards	Annex J of IS 302-1:2008, A1 To A4:2015/IS 302-1:2024/IEC 60335-1:2020
38.		Overvoltage Categories	Annex K of IS 302-1:2008, A1 To A4:2015/IS 302-1:2024/IEC 60335-1:2020
39.		Guidance for the Measurement of Clearances and Creepage Distances	Annex L of IS 302-1:2008, A1 To A4:2015/IS 302-1:2024/IEC 60335-1:2020



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Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
40.	Safety of Household and Similar Electrical Appliance	Pollution Degree	Annex M of IS 302-1:2008, A1 To A4:2015/IS 302-1:2024/IEC 60335-1:2020
41.		Proof Tracking Test	Annex N of IS 302-1:2008, A1 To A4:2015/IS 302-1:2024/IEC 60335-1:2020
42.		Selection And Sequence of the Tests of Clause 30	Annex O of IS 302-1:2008, A1 To A4:2015/IS 302-1:2024/IEC 60335-1:2020
43.		Guidance for the Application of this Standard to Appliances used in Tropical Climates	Annex P of IS 302-1:2008, A1 To A4:2015/IS 302-1:2024/IEC 60335-1:2020
44.		Sequence of Tests for the Evaluation of Electronic Circuits	Annex Q of IS 302-1:2008, A1 To A4:2015/IS 302-1:2024/IEC 60335-1:2020
45.		Software Evaluation	Annex R of IS 302-1:2008, A1 To A4:2015/IS 302-1:2024/IEC 60335-1:2020
46.		Guidance for the Application of this Standard on Measurement of Power Input and Current Based on the Requirements of	Annex S of IS 302-1:2008, A1 To A4:2015/IS 302-1:2024/IEC 60335-1:2020

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Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
		10.1 And 10.2 Concerning the Representative Period	
47.	Safety of Household and Similar Electrical Appliance	UV-C Radiation Effect on Non-Metallic Materials	Annex T of IS 302-1:2008, A1 To A4:2015/IS 302-1:2024/IEC 60335-1:2020
48.		Appliances Intended for Remote Communication Through Public Networks	Annex U of IS 302-1:2008, A1 To A4:2015/IS 302-1:2024/IEC 60335-1:2020
49.	Safety of Electric Iron	General Requirement	Cl. 4 of IS 302-2-3: 2024/ IEC 60335-2-3:2022
50.		General Conditions for the Tests	Cl. 5 of IS 302-2-3: 2024/ IEC 60335-2-3:2022
51.		Classification	Cl. 6 of IS 302-2-3: 2024/ IEC 60335-2-3:2022
52.		Marking and Instruction	Cl. 7 of IS 302-2-3: 2024/ IEC 60335-2-3:2022
53.		Protection Against Access to Live Parts	Cl. 8 of IS 302-2-3: 2024/ IEC 60335-2-3:2022
54.		Power Input and Current	Cl. 10 of IS 302-2-3: 2024/ IEC 60335-2-3:2022
55.		Heating	Cl. 11 of IS 302-2-3: 2024/ IEC 60335-2-3:2022

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Accreditation Standard: ISO/IEC 17025:2017

Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
56.		Charging of Metal-Ion Batteries	Cl. 12 of IS 302-2-3: 2024/ IEC 60335-2-3:2022
57.	Safety of Electric Iron	Leakage Current and Electric Strength at Operating Temperature	Cl. 13 of IS 302-2-3: 2024/ IEC 60335-2-3:2022
58.		Transient over Voltage	Cl. 14 of IS 302-2-3: 2024/ IEC 60335-2-3:2022
59.		Moisture Resistance	Cl. 15 of IS 302-2-3: 2024/ IEC 60335-2-3:2022
60.		Leakage Current and Electric Strength	Cl. 16 of IS 302-2-3: 2024/ IEC 60335-2-3:2022
61.		Overload Protection of Transformers and Associated Circuit	Cl. 17 of IS 302-2-3: 2024/ IEC 60335-2-3:2022
62.		Abnormal Operation	Cl. 19 of IS 302-2-3: 2024/ IEC 60335-2-3:2022
63.		Stability And Mechanical Hazards	Cl. 20 of IS 302-2-3: 2024/ IEC 60335-2-3:2022
64.		Mechanical Strength	Cl. 21 of IS 302-2-3: 2024/ IEC 60335-2-3:2022
65.		Construction	Cl. 22 of IS 302-2-3: 2024/ IEC 60335-2-3:2022

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Accreditation Standard: ISO/IEC 17025:2017

Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
66.	Safety of Electric Iron	Internal Wiring	Cl. 23 of IS 302-2-3: 2024/ IEC 60335-2-3:2022
67.		Components	Cl. 24 of IS 302-2-3: 2024/ IEC 60335-2-3:2022
68.		Supply Connection and External Flexible Cords	Cl. 25 of IS 302-2-3: 2024/ IEC 60335-2-3:2022
69.		Terminal for External Conductors	Cl. 26 of IS 302-2-3: 2024/ IEC 60335-2-3:2022
70.		Provision for Earthing	Cl. 27 of IS 302-2-3: 2024/ IEC 60335-2-3:2022
71.		Screws and Connection	Cl. 28 of IS 302-2-3: 2024/ IEC 60335-2-3:2022
72.		Clearances, Creepage Distance and Solid Insulation	Cl. 29 of IS 302-2-3: 2024/ IEC 60335-2-3:2022
73.		Resistance Heat and Fire	Cl. 30 of IS 302-2-3: 2024/ IEC 60335-2-3:2022
74.		Resistance To Rusting	Cl. 31 of IS 302-2-3: 2024/ IEC 60335-2-3:2022
75.	Electric Iron	General Requirements	Cl. 4 of IS 366:1991, A1+A2+A3+A4+A5+A6: 2011
76.		General Notes on Tests	Cl. 5 of IS 366:1991, A1+A2+ A3+A4+ A5+A6: 2011

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Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
77.	Electric Iron	Rating	Cl. 6 of IS 366:1991, A1+A2+A3+A4+A5+A6: 2011
78.		Classification	Cl. 7 of IS 366:1991, A1+A2+A3+A4+A5+A6: 2011
79.		Marking	Cl. 8 of IS 366:1991, A1+A2+A3+A4+A5+A6: 2011
80.		Safety Requirements	Cl. 9 of IS 366:1991, A1+A2+A3+A4+A5+A6: 2011
81.		Measurement of Heating-Up Time	Cl. 10 of IS 366:1991, A1+A2+A3+A4+A5+A6: 2011
82.		Measurement of Sole Plate Temperature	Cl. 11 of IS 366:1991, A1+A2+A3+A4+A5+A6: 2011
83.	Electric Iron	Measurement of Temperature Distribution	Cl. 12 of IS 366:1991, A1+A2+A3+A4+A5+A6: 2011
84.		Measurement of Initial Over Swing Temperature and Heating-Up Excess Temperature	Cl. 13 of IS 366:1991, A1+A2+A3+A4+A5+A6: 2011
85.		Measurement of Cyclic Fluctuation of Temperature	Cl. 14 of IS 366:1991, A1+A2+A3+A4+A5+A6: 2011

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Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
86.		Measurement of Temperature Drop Under Load	Cl. 15 of IS 366:1991, A1+A2+A3+A4+A5 +A6: 2011
87.		Measurement of Thermostatic Stability	Cl. 16 of IS 366:1991, A1+A2+A3+A4+A5+A6: 2011
88.		Finish	Cl. 17 of IS 366:1991, A1+A2+A3+A4+A5+A6: 2011
89.	Safety of Cooking Ranges, Hobs, Ovens and Similar Appliances	General Requirement	Cl. 4 of IS 302-2-6: 2009/ IEC 60335-2-6: 2024
90.		General Conditions for the Test	Cl. 5 of IS 302-2-6: 2009/ IEC 60335-2-6: 2024
91.		Classification	Cl. 6 of IS 302-2-6: 2009/ IEC 60335-2-6: 2024
92.		Marking And Instruction	Cl. 7 of IS 302-2-6: 2009/ IEC 60335-2-6: 2024
93.		Protection against Access to Live Parts	Cl. 8 of IS 302-2-6: 2009/ IEC 60335-2-6: 2024
94.		Power Input and Current	Cl. 10 of IS 302-2-6: 2009/ IEC 60335-2-6: 2024
95.		Heating	Cl. 11 of IS 302-2-6: 2009/ IEC 60335-2-6: 2024

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Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
96.		Charging of Metal-Ion Batteries	Cl. 12 of IS 302-2-6: 2009/ IEC 60335-2-6: 2024
97.		Leakage Current and Electric Strength at Operating Temperature	Cl. 13 of IS 302-2-6: 2009/ IEC 60335-2-6: 2024
98.		Transient Over Voltage	Cl. 14 of IS 302-2-6: 2009/ IEC 60335-2-6: 2024
99.		Moisture Resistance	Cl. 15 of IS 302-2-6: 2009/ IEC 60335-2-6: 2024
100.	Safety of Cooking Ranges, Hobs, Ovens and Similar Appliances	Leakage Current and Electric Strength	Cl. 16 of IS 302-2-6: 2009/ IEC 60335-2-6: 2024
101.		Overload Protection of Transformers and Associated Circuit	Cl. 17 of IS 302-2-6: 2009/ IEC 60335-2-6: 2024
102.		Abnormal Operation	Cl. 19 of IS 302-2-6: 2009/ IEC 60335-2-6: 2024
103.		Stability And Mechanical Hazards	Cl. 20 of IS 302-2-6: 2009/ IEC 60335-2-6: 2024
104.		Mechanical Strength	Cl. 21 of IS 302-2-6: 2009/ IEC 60335-2-6: 2024
105.		Construction	Cl. 22 of IS 302-2-6: 2009/ IEC 60335-2-6: 2024

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Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
106.		Internal Wiring	Cl. 23 of IS 302-2-6: 2009/ IEC 60335-2-6: 2024
107.		Components	Cl. 24 of IS 302-2-6: 2009/ IEC 60335-2-6: 2024
108.		Supply Connection and External Flexible Cords	Cl. 25 of IS 302-2-6: 2009/ IEC 60335-2-6: 2024
109.		Terminal For External Conductors	Cl. 26 of IS 302-2-6: 2009/ IEC 60335-2-6: 2024
110.		Provision for Earthing	Cl. 27 of IS 302-2-6: 2009/ IEC 60335-2-6: 2024
111.	Safety of Cooking Ranges, Hobs, Ovens and Similar Appliances	Screws and Connection	Cl. 28 of IS 302-2-6: 2009/ IEC 60335-2-6: 2024
112.		Clearances, Creepage Distance and Solid Insulation	Cl. 29 of IS 302-2-6: 2009/ IEC 60335-2-6: 2024
113.		Resistance Heat and Fire	Cl. 30 of IS 302-2-6: 2009/ IEC 60335-2-6: 2024
114.		Resistance to Rusting	Cl. 31 of IS 302-2-6: 2009/ IEC 60335-2-6: 2024
115.	Safety of Electric Shavers, Hair Clipper and Similar Appliances	General Requirement	Cl. 4 of IS 302-2-8: 2024/ IEC 60335-2-8: 2022
116.		General Condition for the Tests	Cl. 5 of IS 302-2-8: 2024/ IEC 60335-2-8: 2022

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Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
117.		Classification	Cl. 6 of IS 302-2-8: 2024/ IEC 60335-2-8: 2022
118.		Marking and Instruction	Cl. 7 of IS 302-2-8: 2024/ IEC 60335-2-8: 2022
119.		Protection Against Access to Live Parts	Cl. 8 of IS 302-2-8: 2024/ IEC 60335-2-8: 2022
120.		Power Input and Current	Cl. 10 of IS 302-2-8: 2024/ IEC 60335-2-8: 2022
121.		Heating	Cl. 11 of IS 302-2-8: 2024/ IEC 60335-2-8: 2022
122.		Charging of Metal-Ion Batteries	Cl. 12 of IS 302-2-8: 2024/ IEC 60335-2-8: 2022
123.	Safety of Electric Shavers, Hair Clipper and Similar Appliances	Leakage Current and Electric Strength at Operating Temperature	Cl. 13 of IS 302-2-8: 2024/ IEC 60335-2-8: 2022
124.		Transient Over Voltage	Cl. 14 of IS 302-2-8: 2024/ IEC 60335-2-8: 2022
125.		Moisture Resistance	Cl. 15 of IS 302-2-8: 2024/ IEC 60335-2-8: 2022
126.		Leakage Current and Electric Strength	Cl. 16 of IS 302-2-8: 2024/ IEC 60335-2-8: 2022

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Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
127.		Overload Protection of Transformers and Associated Circuit	Cl. 17 of IS 302-2-8: 2024/ IEC 60335-2-8: 2022
128.		Abnormal Operation	Cl. 19 of IS 302-2-8: 2024/ IEC 60335-2-8: 2022
129.		Stability And Mechanical Hazards	Cl. 20 of IS 302-2-8: 2024/ IEC 60335-2-8: 2022
130.		Mechanical Strength	Cl. 21 of IS 302-2-8: 2024/ IEC 60335-2-8: 2022
131.		Construction	Cl. 22 of IS 302-2-8: 2024/ IEC 60335-2-8: 2022
132.		Internal Wiring	Cl. 23 of IS 302-2-8: 2024/ IEC 60335-2-8: 2022
133.		Components	Cl. 24 of IS 302-2-8: 2024/ IEC 60335-2-8: 2022
134.	Safety of Electric Shavers, Hair Clipper and Similar Appliances	Supply Connection and External Flexible Cords	Cl. 25 of IS 302-2-8: 2024/ IEC 60335-2-8: 2022
135.		Terminal For External Conductors	Cl. 26 of IS 302-2-8: 2024/ IEC 60335-2-8: 2022
136.		Provision For Earthing	Cl. 27 of IS 302-2-8: 2024/ IEC 60335-2-8: 2022

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Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
137.		Screws And Connection	Cl. 28 of IS 302-2-8: 2024/ IEC 60335-2-8: 2022
138.		Clearances, Creepage Distance and Solid Insulation	Cl. 29 of IS 302-2-8: 2024/ IEC 60335-2-8: 2022
139.		Resistance Heat and Fire	Cl. 30 of IS 302-2-8: 2024/ IEC 60335-2-8: 2022
140.		Resistance To Rusting	Cl. 31 of IS 302-2-8: 2024/ IEC 60335-2-8: 2022
141.		Battery-Operated Appliances, Separable Batteries and Detachable Batteries For Battery-Operated Appliances	Annex B of IS 302-2-8: 2024/ IEC 60335-2-8: 2022
142.		Ageing Test on Motors	Annex C of IS 302-2-8: 2024/ IEC 60335-2-8: 2022
143.	Safety of Toasters, Grills, Roasters and Similar Appliances	General Requirement	Cl. 4 of IS 302-2-9: 2009/ IEC 60335-2-9: 2019
144.	Safety of Toasters, Grills, Roasters and Similar Appliances	General Condition for the Tests	Cl. 5 of IS 302-2-9: 2009/ IEC 60335-2-9: 2019
145.		Classification	Cl. 6 of IS 302-2-9: 2009/ IEC 60335-2-9: 2019

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Scope of Accreditation

HT Product Services Private Limited
(Formerly Known as House of Testing)

A-22, Sector 83, Noida,

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Valid until: 02 February 2028

QAI/CIA/TL/2023/0023

Accreditation Standard: ISO/IEC 17025:2017

Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
146.		Marking And Instruction	Cl. 7 of IS 302-2-9: 2009/ IEC 60335-2-9: 2019
147.		Protection Against Access to Live Parts	Cl. 8 of IS 302-2-9: 2009/ IEC 60335-2-9: 2019
148.		Power Input and Current	Cl. 10 of IS 302-2-9: 2009/ IEC 60335-2-9: 2019
149.		Heating	Cl. 11 of IS 302-2-9: 2009/ IEC 60335-2-9: 2019
150.		Leakage Current and Electric Strength at Operating Temperature	Cl. 13 of IS 302-2-9: 2009/ IEC 60335-2-9: 2019
151.		Transient Over Voltage	Cl. 14 of IS 302-2-9: 2009/ IEC 60335-2-9: 2019
152.		Moisture Resistance	Cl. 15 of IS 302-2-9: 2009/ IEC 60335-2-9: 2019
153.		Leakage Current and Electric Strength	Cl. 16 of IS 302-2-9: 2009/ IEC 60335-2-9: 2019
154.	Safety of Toasters, Grills, Roasters and Similar Appliances	Overload Protection of Transformers and Associated Circuit	Cl. 17 of IS 302-2-9: 2009/ IEC 60335-2-9: 2019

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Accreditation Standard: ISO/IEC 17025:2017

Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
155.		Abnormal Operation	Cl. 19 of IS 302-2-9: 2009/ IEC 60335-2-9: 2019
156.		Stability And Mechanical Hazards	Cl. 20 of IS 302-2-9: 2009/ IEC 60335-2-9: 2019
157.		Mechanical Strength	Cl. 21 of IS 302-2-9: 2009/ IEC 60335-2-9: 2019
158.		Construction	Cl. 22 of IS 302-2-9: 2009/ IEC 60335-2-9: 2019
159.		Internal Wiring	Cl. 23 of IS 302-2-9: 2009/ IEC 60335-2-9: 2019
160.		Components	Cl. 24 of IS 302-2-9: 2009/ IEC 60335-2-9: 2019
161.		Supply Connection and External Flexible Cords	Cl. 25 of IS 302-2-9: 2009/ IEC 60335-2-9: 2019
162.		Terminal For External Conductors	Cl. 26 of IS 302-2-9: 2009/ IEC 60335-2-9: 2019
163.		Provision For Earthing	Cl. 27 of IS 302-2-9: 2009/ IEC 60335-2-9: 2019
164.		Screws and Connection	Cl. 28 of IS 302-2-9: 2009/ IEC 60335-2-9: 2019
165.		Clearances, Creepage Distance and Solid Insulation	Cl. 29 of IS 302-2-9: 2009/ IEC 60335-2-9: 2019

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Accreditation Standard: ISO/IEC 17025:2017

Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
166.	Safety of Toasters, Grills, Roasters and Similar Appliances	Resistance Heat and Fire	Cl. 30 of IS 302-2-9: 2009/ IEC 60335-2-9: 2019
167.		Resistance To Rusting	Cl. 31 of IS 302-2-9: 2009/ IEC 60335-2-9: 2019
168.		Ageing Test on Motors	Annex C of IS 302-2-9: 2009/ IEC 60335-2-9: 2019
169.	Safety of Frying Pans, Fryers and Similar Appliances	General Requirement	Cl. 4 of IS 302-2-13: 2024/ IEC 60335-2-13: 2021
170.		General Condition for the Tests	Cl. 5 of IS 302-2-13: 2024/ IEC 60335-2-13: 2021
171.		Classification	Cl. 6 of IS 302-2-13: 2024/ IEC 60335-2-13: 2021
172.		Marking and Instruction	Cl. 7 of IS 302-2-13: 2024/ IEC 60335-2-13: 2021
173.		Protection Against Access to Live Parts	Cl. 8 of IS 302-2-13: 2024/ IEC 60335-2-13: 2021
174.		Power Input and Current	Cl. 10 of IS 302-2-13: 2024/ IEC 60335-2-13: 2021
175.		Heating	Cl. 11 of IS 302-2-13: 2024/ IEC 60335-2-13: 2021



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Accreditation Standard: ISO/IEC 17025:2017

Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
176.	Safety of Frying Pans, Fryers and Similar Appliances	Leakage Current and Electric Strength at Operating Temperature	Cl. 13 of IS 302-2-13: 2024/ IEC 60335-2-13: 2021
177.		Transient Over Voltage	Cl. 14 of IS 302-2-13: 2024/ IEC 60335-2-13: 2021
178.		Moisture Resistance	Cl. 15 of IS 302-2-13: 2024/ IEC 60335-2-13: 2021
179.		Leakage Current and Electric Strength	Cl. 16 of IS 302-2-13: 2024/ IEC 60335-2-13: 2021
180.		Overload Protection of Transformers and Associated Circuit	Cl. 17 of IS 302-2-13: 2024/ IEC 60335-2-13: 2021
181.		Abnormal Operation	Cl. 19 of IS 302-2-13: 2024/ IEC 60335-2-13: 2021
182.		Stability and Mechanical Hazards	Cl. 20 of IS 302-2-13: 2024/ IEC 60335-2-13: 2021
183.		Mechanical Strength	Cl. 21 of IS 302-2-13: 2024/ IEC 60335-2-13: 2021
184.		Construction	Cl. 22 of IS 302-2-13: 2024/ IEC 60335-2-13: 2021
185.		Internal Wiring	Cl. 23 of IS 302-2-13: 2024/ IEC 60335-2-13: 2021

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Accreditation Standard: ISO/IEC 17025:2017

Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
186.		Components	Cl. 24 of IS 302-2-13: 2024/ IEC 60335-2-13: 2021
187.	Safety of Frying Pans, Fryers and Similar Appliances	Supply Connection and External Flexible Cords	Cl. 25 of IS 302-2-13: 2024/ IEC 60335-2-13: 2021
188.		Terminal for External Conductors	Cl. 26 of IS 302-2-13: 2024/ IEC 60335-2-13: 2021
189.		Provision For Earthing	Cl. 27 of IS 302-2-13: 2024/ IEC 60335-2-13: 2021
190.		Screws And Connection	Cl. 28 of IS 302-2-13: 2024/ IEC 60335-2-13: 2021
191.		Clearances, Creepage Distance and Solid Insulation	Cl. 29 of IS 302-2-13: 2024/ IEC 60335-2-13: 2021
192.		Resistance Heat and Fire	Cl. 30 of IS 302-2-13: 2024/ IEC 60335-2-13: 2021
193.		Resistance To Rusting	Cl. 31 of IS 302-2-13: 2024/ IEC 60335-2-13: 2021
194.		Battery-Operated Appliances, Separable Batteries and Detachable Batteries For Battery-Operated Appliances	Annex B of IS 302-2-13: 2024/ IEC 60335-2-13: 2021

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Accreditation Standard: ISO/IEC 17025:2017

Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
195.	Electric Kitchen Machines	General Requirements	Cl. 4 of IS 302-2-14: 2009/ IEC 60335-2-14: 2025
196.		General Conditions for the Tests	Cl. 5 of IS 302-2-14: 2009/ IEC 60335-2-14: 2025
197.	Electric Kitchen Machines	Classification	Cl. 6 of IS 302-2-14: 2009/ IEC 60335-2-14: 2025
198.		Marking And Instruction	Cl. 7 of IS 302-2-14: 2009/ IEC 60335-2-14: 2025
199.		Protection Against Access to Live Parts	Cl. 8 of IS 302-2-14: 2009/ IEC 60335-2-14: 2025
200.		Power Input and Current	Cl. 10 of IS 302-2-14: 2009/ IEC 60335-2-14: 2025
201.		Heating	Cl. 11 of IS 302-2-14: 2009/ IEC 60335-2-14: 2025
202.		Heating	Cl. 11 of IS 302-2-14: 2009/ IEC 60335-2-14: 2025
203.		Leakage Current and Electric Strength at Operating Temperature	Cl. 13 of IS 302-2-14: 2009/ IEC 60335-2-14: 2025
204.		Transient Over Voltage	Cl. 14 of IS 302-2-14: 2009/ IEC 60335-2-14: 2025

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Accreditation Standard: ISO/IEC 17025:2017

Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
205.		Moisture Resistance	Cl. 15 of IS 302-2-14: 2009/ IEC 60335-2-14: 2025
206.		Leakage Current and Electric Strength	Cl. 16 of IS 302-2-14: 2009/ IEC 60335-2-14: 2025
207.		Overload Protection of Transformers and Associated Circuit	Cl. 17 of IS 302-2-14: 2009/ IEC 60335-2-14: 2025
208.	Electric Kitchen Machines	Abnormal Operation	Cl. 19 of IS 302-2-14: 2009/ IEC 60335-2-14: 2025
209.		Stability and Mechanical Hazards	Cl. 20 of IS 302-2-14: 2009/ IEC 60335-2-14: 2025
210.		Mechanical Strength	Cl. 21 of IS 302-2-14: 2009/ IEC 60335-2-14: 2025
211.		Construction	Cl. 22 of IS 302-2-14: 2009/ IEC 60335-2-14: 2025
212.		Internal Wiring	Cl. 23 of IS 302-2-14: 2009/ IEC 60335-2-14: 2025
213.		Components	Cl. 24 of IS 302-2-14: 2009/ IEC 60335-2-14: 2025
214.		Supply Connection and External Flexible Cords	Cl. 25 of IS 302-2-14: 2009/ IEC 60335-2-14: 2025



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Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
215.		Terminal for External Conductors	Cl. 26 of IS 302-2-14: 2009/ IEC 60335-2-14: 2025
216.		Provision For Earthing	Cl. 27 of IS 302-2-14: 2009/ IEC 60335-2-14: 2025
217.		Screws And Connection	Cl. 28 of IS 302-2-14: 2009/ IEC 60335-2-14: 2025
218.		Clearances, Creepage Distance and Solid Insulation	Cl. 29 of IS 302-2-14: 2009/ IEC 60335-2-14: 2025
219.		Resistance Heat and Fire	Cl. 30 of IS 302-2-14: 2009/ IEC 60335-2-14: 2025
220.	Electric Kitchen Machines	Resistance To Rusting	Cl. 31 of IS 302-2-14: 2009/ IEC 60335-2-14: 2025
221.		Ageing Test on Motors	Annex C of IS 302-2-14: 2009/ IEC 60335-2-14: 2025
222.	Heating Liquids	General Requirements	Cl. 4 of IS 302-2-15: 2009/ IEC 60335-2-15: 2024
223.		General Conditions for the Tests	Cl. 5 of IS 302-2-15: 2009/ IEC 60335-2-15: 2024
224.		Classification	Cl. 6 of IS 302-2-15: 2009/ IEC 60335-2-15: 2024
225.		Marking And Instruction	Cl. 7 of IS 302-2-15: 2009/ IEC 60335-2-15: 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		
226.		Protection Against Access to Live Parts	Cl. 8 of IS 302-2-15: 2009/ IEC 60335-2-15: 2024
227.		Power Input and Current	Cl. 10 of IS 302-2-15: 2009/ IEC 60335-2-15: 2024
228.		Heating	Cl. 11 of IS 302-2-15: 2009/ IEC 60335-2-15: 2024
229.		Charging of Metal-Ion Batteries	Cl. 12 of IEC 60335-2-15: 2024
230.		Leakage Current and Electric Strength at Operating Temperature	Cl. 13 of IS 302-2-15: 2009/ IEC 60335-2-15: 2024
231.		Transient Over Voltage	Cl. 14 of IS 302-2-15: 2009/ IEC 60335-2-15: 2024
232.	Heating Liquids	Moisture Resistance	Cl. 15 of IS 302-2-15: 2009/ IEC 60335-2-15: 2024
233.		Leakage Current and Electric Strength	Cl. 16 of IS 302-2-15: 2009/ IEC 60335-2-15: 2024
234.		Overload Protection of Transformers and Associated Circuit	Cl. 17 of IS 302-2-15: 2009/ IEC 60335-2-15: 2024
235.		Abnormal Operation	Cl. 19 of IS 302-2-15: 2009/ IEC 60335-2-15: 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		
236.		Stability And Mechanical Hazards	Cl. 20 of IS 302-2-15: 2009/ IEC 60335-2-15: 2024
237.		Mechanical Strength	Cl. 21 of IS 302-2-15: 2009/ IEC 60335-2-15: 2024
238.		Construction	Cl. 22 of IS 302-2-15: 2009/ IEC 60335-2-15: 2024
239.		Internal Wiring	Cl. 23 of IS 302-2-15: 2009/ IEC 60335-2-15: 2024
240.		Components	Cl. 24 of IS 302-2-15: 2009/ IEC 60335-2-15: 2024
241.		Supply Connection and External Flexible Cords	Cl. 25 of IS 302-2-15: 2009/ IEC 60335-2-15: 2024
242.		Terminal For External Conductors	Cl. 26 of IS 302-2-15: 2009/ IEC 60335-2-15: 2024
243.	Heating Liquids	Provision For Earthing	Cl. 27 of IS 302-2-15: 2009/ IEC 60335-2-15: 2024
244.		Screws and Connection	Cl. 28 of IS 302-2-15: 2009/ IEC 60335-2-15: 2024
245.		Clearances, Creepage Distance and Solid Insulation	Cl. 29 of IS 302-2-15: 2009/ IEC 60335-2-15: 2024

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Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
246.		Resistance Heat and Fire	Cl. 30 of IS 302-2-15: 2009/ IEC 60335-2-15: 2024
247.		Resistance to Rusting	Cl. 31 of IS 302-2-15: 2009/ IEC 60335-2-15: 2024
248.		Ageing Test on Motors	Annex C of IS 302-2-15: 2009/ IEC 60335-2-15: 2024
249.	Storage Water Heaters	General Requirement	Cl. 4 of IS 302-2-21: 2024/ IEC 60335-2-21: 2022
250.		General Conditions for the Tests	Cl. 5 of IS 302-2-21: 2024/ IEC 60335-2-21: 2022
251.		Classification	Cl. 6 of IS 302-2-21: 2024/ IEC 60335-2-21: 2022
252.		Marking and Instruction	Cl. 7 of IS 302-2-21: 2024/ IEC 60335-2-21: 2022
253.		Protection against access to Live Parts	Cl. 8 of IS 302-2-21: 2024/ IEC 60335-2-21: 2022
254.		Power Input and Current	Cl. 10 of IS 302-2-21: 2024/ IEC 60335-2-21: 2022
255.	Storage Water Heaters	Heating	Cl. 11 of IS 302-2-21: 2024/ IEC 60335-2-21: 2022
256.		Charging of Metal-Ion Batteries	Cl. 12 of IS 302-2-21: 2024/ IEC 60335-2-21: 2022

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Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
257.		Leakage Current and Electric Strength at Operating Temperature	Cl. 13 of IS 302-2-21: 2024/ IEC 60335-2-21: 2022
258.		Transient Over Voltage	Cl. 14 of IS 302-2-21: 2024/ IEC 60335-2-21: 2022
259.		Moisture Resistance	Cl. 15 of IS 302-2-21: 2024/ IEC 60335-2-21: 2022
260.		Leakage Current and Electric Strength	Cl. 16 of IS 302-2-21: 2024/ IEC 60335-2-21: 2022
261.		Overload Protection of Transformers and Associated Circuit	Cl. 17 of IS 302-2-21: 2024/ IEC 60335-2-21: 2022
262.		Abnormal Operation	Cl. 19 of IS 302-2-21: 2024/ IEC 60335-2-21: 2022
263.		Stability And Mechanical Hazards	Cl. 20 of IS 302-2-21: 2024/ IEC 60335-2-21: 2022
264.		Mechanical Strength	Cl. 21 of IS 302-2-21: 2024/ IEC 60335-2-21: 2022
265.	Storage Water Heaters	Construction	Cl. 22 of IS 302-2-21: 2024/ IEC 60335-2-21: 2022



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Accreditation Standard: ISO/IEC 17025:2017

Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
266.		Internal Wiring	Cl. 23 of IS 302-2-21: 2024/ IEC 60335-2-21: 2022
267.		Components	Cl. 24 of IS 302-2-21: 2024/ IEC 60335-2-21: 2022
268.		Supply Connection and External Flexible Cords	Cl. 25 of IS 302-2-21: 2024/ IEC 60335-2-21: 2022
269.		Terminal For External Conductors	Cl. 26 of IS 302-2-21: 2024/ IEC 60335-2-21: 2022
270.		Provision For Earthing	Cl. 27 of IS 302-2-21: 2024/ IEC 60335-2-21: 2022
271.		Screws And Connection	Cl. 28 of IS 302-2-21: 2024/ IEC 60335-2-21: 2022
272.		Clearances, Creepage Distance and Solid Insulation	Cl. 29 of IS 302-2-21: 2024/ IEC 60335-2-21: 2022
273.		Resistance Heat and Fire	Cl. 30 of IS 302-2-21: 2024/ IEC 60335-2-21: 2022
274.		Resistance To Rusting	Cl. 31 of IS 302-2-21: 2024/ IEC 60335-2-21: 2022
275.		General Requirement	Cl. 4 of IS 302-2-21: 2018+A1/ IEC 60335-2-21: 2012
276.		General Conditions for the Tests	Cl. 5 of IS 302-2-21: 2018+A1/ IEC 60335-2-21: 2012

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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		
277.	Storage Water Heaters	Classification	Cl. 6 of IS 302-2-21: 2018+A1/ IEC 60335-2-21: 2012
278.		Marking and Instruction	Cl. 7 of IS 302-2-21: 2018+A1/ IEC 60335-2-21: 2012
279.		Protection against Access to Live Parts	Cl. 8 of IS 302-2-21: 2018+A1/ IEC 60335-2-21: 2012
280.		Power Input and Current	Cl. 10 of IS 302-2-21: 2018+A1/ IEC 60335-2-21: 2012
281.		Heating	Cl. 11 of IS 302-2-21: 2018+A1/ IEC 60335-2-21: 2012
282.		Charging of Metal-Ion Batteries	Cl. 4 of IS 302-2-21: 2018+A1/ IEC 60335-2-21: 2012
283.		Leakage Current and Electric Strength at Operating Temperature	Cl. 13 of IS 302-2-21: 2018+A1/ IEC 60335-2-21: 2012
284.		Transient Over Voltage	Cl. 14 of IS 302-2-21: 2018+A1/ IEC 60335-2-21: 2012
285.		Moisture Resistance	Cl. 15 of IS 302-2-21: 2018+A1/ IEC 60335-2-21: 2012
286.		Leakage Current and Electric Strength	Cl. 16 of IS 302-2-21: 2018+A1/ IEC 60335-2-21: 2012



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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		
287.		Overload Protection of Transformers and Associated Circuit	Cl. 17 of IS 302-2-21: 2018+A1/ IEC 60335-2-21: 2012
288.		Abnormal Operation	Cl. 19 of IS 302-2-21: 2018+A1/ IEC 60335-2-21: 2012
289.		Stability And Mechanical Hazards	Cl. 20 of IS 302-2-21: 2018+A1/ IEC 60335-2-21: 2012
290.		Mechanical Strength	Cl. 21 of IS 302-2-21: 2018+A1/ IEC 60335-2-21: 2012
291.		Construction	Cl. 22 of IS 302-2-21: 2018+A1/ IEC 60335-2-21: 2012
292.	Storage Water Heaters	Internal Wiring	Cl. 23 of IS 302-2-21: 2018+A1/ IEC 60335-2-21: 2012
293.		Components	Cl. 24 of IS 302-2-21: 2018+A1/ IEC 60335-2-21: 2012
294.		Supply Connection and External Flexible Cords	Cl. 25 of IS 302-2-21: 2018+A1/ IEC 60335-2-21: 2012
295.		Terminal for External Conductors	Cl. 26 of IS 302-2-21: 2018+A1/ IEC 60335-2-21: 2012
296.		Provision For Earthing	Cl. 27 of IS 302-2-21: 2018+A1/ IEC 60335-2-21: 2012



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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		
297.		Screws And Connection	Cl. 28 of IS 302-2-21: 2018+A1/ IEC 60335-2-21: 2012
298.		Clearances, Creepage Distance and Solid Insulation	Cl. 29 of IS 302-2-21: 2018+A1/ IEC 60335-2-21: 2012
299.		Resistance Heat and Fire	Cl. 30 of IS 302-2-21: 2018+A1/ IEC 60335-2-21: 2012
300.		Resistance To Rusting	Cl. 31 of IS 302-2-21: 2018+A1/ IEC 60335-2-21: 2012
301.		Routine Tests	Annex A of IS 302-2-21: 2018+A1/ IEC 60335-2-21: 2012
302.	Storage Water Heaters	Software Evaluation	Annex R of IS 302-2-21: 2018+A1/ IEC 60335-2-21: 2012
303.		Additional Requirement for Immersion Heater Units Intended for the Installation in Heat Exchange Closed Water Heaters	Annex AA of IS 302-2-21: 2018+A1/ IEC 60335-2-21: 2012
304.	Electric Water Heater	General Requirement	Cl. 4 of IS 2082: 2018+A1
305.		General Conditions for the Tests	Cl. 5 of IS 2082: 2018+A1
306.		Classification	Cl. 6 of 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		
307.	Electric Water Heater	Marking And Instruction	Cl. 7 of IS 2082: 2018+A1
308.		Safety Requirements	Cl. 8 of IS 2082: 2018+A1
309.		General Conditions for Measurements	Cl. 9 of IS 2082: 2018+A1
310.		Mounting of the Water Heater	Cl. 10 of IS 2082: 2018+A1
311.		Measurements of Stored Water Temperature	Cl. 11 of IS 2082: 2018+A1
312.		Thermostat Setting	Cl. 12 of IS 2082: 2018+A1
313.		Measurements of Energy Consumption	Cl. 13 of IS 2082: 2018+A1
314.		Verification of the Rated Capacity	Cl. 14 of IS 2082: 2018+A1
315.		Standing Loss Per 24 Hours	Cl. 15 of IS 2082: 2018+A1
316.		Hot Water Output	Cl. 16 of IS 2082: 2018+A1
317.		Reheating Time	Cl. 17 of IS 2082: 2018+A1
318.		Mixing Factor	Cl. 18 of IS 2082: 2018+A1
319.		Deviation From Dial Calibration	Cl. 19 of 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		
320.		Cyclic Temperature Variation (Differential)	Cl. 20 of IS 2082: 2018+A1
321.		Finish	Cl. 21 of IS 2082: 2018+A1
322.		General Requirement	Cl. 4 of IS 302-2-23: 2009+A1/ IEC 60335-2-23: 2019
323.	Skin and Hair Care	General Conditions for the Tests	Cl. 5 of IS 302-2-23: 2009/ IEC 60335-2-23: 2019
324.		Classification	Cl. 6 of IS 302-2-23: 2009/ IEC 60335-2-23: 2019
325.		Marking And Instruction	Cl. 7 of IS 302-2-23: 2009/ IEC 60335-2-23: 2019
326.		Protection Against Access to Live Parts	Cl. 8 of IS 302-2-23: 2009/ IEC 60335-2-23: 2019
327.	Skin and Hair Care	Power Input and Current	Cl. 10 of IS 302-2-23: 2009/ IEC 60335-2-23: 2019
328.		Heating	Cl. 11 of IS 302-2-23: 2009/ IEC 60335-2-23: 2019
329.		Leakage Current and Electric Strength at Operating Temperature	Cl. 13 of IS 302-2-23: 2009/ IEC 60335-2-23: 2019



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Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
330.		Transient Over Voltage	Cl. 14 of IS 302-2-23: 2009/ IEC 60335-2-23: 2019
331.		Moisture Resistance	Cl. 15 of IS 302-2-23: 2009/ IEC 60335-2-23: 2019
332.		Leakage Current and Electric Strength	Cl. 16 of IS 302-2-23: 2009/ IEC 60335-2-23: 2019
333.		Overload Protection of Transformers and Associated Circuit	Cl. 17 of IS 302-2-23: 2009/ IEC 60335-2-23: 2019
334.		Abnormal Operation	Cl. 19 of IS 302-2-23: 2009/ IEC 60335-2-23: 2019
335.		Stability And Mechanical Hazards	Cl. 20 of IS 302-2-23: 2009/ IEC 60335-2-23: 2019
336.	Skin and Hair Care	Mechanical Strength	Cl. 21 of IS 302-2-23: 2009/ IEC 60335-2-23: 2019
337.		Construction	Cl. 22 of IS 302-2-23: 2009/ IEC 60335-2-23: 2019
338.		Internal Wiring	Cl. 23 of IS 302-2-23: 2009/ IEC 60335-2-23: 2019
339.		Components	Cl. 24 of IS 302-2-23: 2009/ IEC 60335-2-23: 2019



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Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
340.		Supply Connection and External Flexible Cords	Cl. 25 of IS 302-2-23: 2009/ IEC 60335-2-23: 2019
341.		Terminal for External Conductors	Cl. 26 of IS 302-2-23: 2009/ IEC 60335-2-23: 2019
342.		Provision for Earthing	Cl. 27 of IS 302-2-23: 2009/ IEC 60335-2-23: 2019
343.		Screws and Connection	Cl. 28 of IS 302-2-23: 2009/ IEC 60335-2-23: 2019
344.		Clearances, Creepage Distance and Solid Insulation	Cl. 29 of IS 302-2-23: 2009/ IEC 60335-2-23: 2019
345.		Resistance Heat and Fire	Cl. 30 of IS 302-2-23: 2009/ IEC 60335-2-23: 2019
346.		Resistance To Rusting	Cl. 31 of IS 302-2-23: 2009/ IEC 60335-2-23: 2019
347.	Room Heater	General Requirement	Cl. 4 of IS 302-2-30: 2007+A1+A2+A3/ IEC 60335-2-30: 2021
348.		General Conditions for the Tests	Cl. 5 of IS 302-2-30: 2007+A1+A2+A3/ IEC 60335-2-30: 2021



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Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
349.		Classification	Cl. 6 of IS 302-2-30: 2007+A1+A2+A3/ IEC 60335-2-30: 2021
350.		Marking and Instruction	Cl. 7 of IS 302-2-30: 2007+A1+A2+A3/ IEC 60335-2-30: 2021
351.		Protection Against Access to Live Parts	Cl. 8 of IS 302-2-30: 2007+A1+A2+A3/ IEC 60335-2-30: 2021
352.		Power Input and Current	Cl. 10 of IS 302-2-30: 2007+A1+A2+A3/ IEC 60335-2-30: 2021
353.		Heating	Cl. 11 of IS 302-2-30: 2007+A1+A2+A3/ IEC 60335-2-30: 2021
354.		Leakage Current and Electric Strength at Operating Temperature	Cl. 13 of IS S 302-2-30: 2007+A1+A2+A3/ IEC 60335-2-30: 2021
355.	Room Heater	Transient Over Voltage	Cl. 14 of IS 302-2-30: 2007+A1+A2+A3/ IEC 60335-2-30: 2021



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Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
356.		Moisture Resistance	Cl. 15 of IS 302-2-30: 2007+A1+A2+A3/ IEC 60335-2-30: 2021
357.		Leakage Current and Electric Strength	Cl. 16 of IS 302-2-30: 2007+A1+A2+A3/ IEC 60335-2-30: 2021
358.		Overload Protection of Transformers and Associated Circuit	Cl. 17 of IS 302-2-30: 2007+A1+A2+A3/ IEC 60335-2-30: 2021
359.		Abnormal Operation	Cl. 19 of IS 302-2-30: 2007+A1+A2+A3/ IEC 60335-2-30: 2021
360.		Stability and Mechanical Hazards	Cl. 20 of IS 302-2-30: 2007+A1+A2+A3/ IEC 60335-2-30: 2021
361.		Mechanical Strength	Cl. 21 of IS 302-2-30: 2007+A1+A2+A3/ IEC 60335-2-30: 2021
362.		Construction	Cl. 22 of IS 302-2-30: 2007+A1+A2+A3/ IEC 60335-2-30: 2021



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Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
363.	Room Heater	Internal Wiring	Cl. 23 of IS 302-2-30: 2007+A1+A2+A3/ IEC 60335-2-30: 2021
364.		Components	Cl. 24 of IS 302-2-30: 2007+A1+A2+A3/ IEC 60335-2-30: 2021
365.		Supply Connection and External Flexible Cords	Cl. 25 of IS 302-2-30: 2007+A1+A2+A3/ IEC 60335-2-30: 2021
366.		Terminal for External Conductors	Cl. 26 of IS 302-2-30: 2007+A1+A2+A3/ IEC 60335-2-30: 2021
367.		Provision for Earthing	Cl. 27 of IS 302-2-30: 2007+A1+A2+A3/ IEC 60335-2-30: 2021
368.		Screws and Connection	Cl. 28 of IS 302-2-30: 2007+A1+A2+A3/ IEC 60335-2-30: 2021
369.		Clearances, Creepage Distance and Solid Insulation	Cl. 29 of IS 302-2-30: 2007+A1+A2+A3/ IEC 60335-2-30: 2021



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Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
370.		Resistance Heat and Fire	Cl. 30 of IS 302-2-30: 2007+A1+A2+A3/ IEC 60335-2-30: 2021
371.	Room Heater	Resistance to Rusting	Cl. 31 of IS 302-2-30: 2007+A1+A2+A3/ IEC 60335-2-30: 2021
372.	Range Hoods and other Cooking Fume Extractors	General Requirement	Cl. 4 of IS 302-2-31:2009/ IEC 60335-2-31:2024
373.		General Conditions for the Tests	Cl. 5 of IS 302-2-31:2009/ IEC 60335-2-31:2024
374.		Classification	Cl. 6 of IS 302-2-31:2009/ IEC 60335-2-31:2024
375.		Marking And Instruction	Cl. 7 of IS 302-2-31:2009/ IEC 60335-2-31:2024
376.		Protection Against Access to Live Parts	Cl. 8 of IS 302-2-31:2009/ IEC 60335-2-31:2024
377.		Power Input and Current	Cl. 10 of IS 302-2-31:2009/ IEC 60335-2-31:2024
378.		Heating	Cl. 11 of IS 302-2-31:2009/ IEC 60335-2-31:2024
379.		Heating	Cl. 11 of IS 302-2-31:2009/ IEC 60335-2-31:2024

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Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
380.		Charging of Metal-Ion Batteries	Cl. 12 of IEC 60335-2-31: 2024
381.		Leakage Current and Electric Strength at Operating Temperature	Cl. 13 of IS 302-2-31:2009/ IEC 60335-2-31:2024
382.	Range Hoods and other Cooking Fume Extractors	Transient Over Voltage	Cl. 14 of IS 302-2-31:2009/ IEC 60335-2-31:2024
383.		Moisture Resistance	Cl. 15 of IS 302-2-31:2009/ IEC 60335-2-31:2024
384.		Leakage Current and Electric Strength	Cl. 16 of IS 302-2-31:2009/ IEC 60335-2-31:2024
385.		Overload Protection of Transformers and Associated Circuit	Cl. 17 of IS 302-2-31:2009/ IEC 60335-2-31:2024
386.		Abnormal Operation	Cl. 19 of IS 302-2-31:2009/ IEC 60335-2-31:2024
387.		Stability and Mechanical Hazards	Cl. 20 of IS 302-2-31:2009/ IEC 60335-2-31:2024
388.		Mechanical Strength	Cl. 21 of IS 302-2-31:2009/ IEC 60335-2-31:2024



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Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
389.	Range Hoods and other Cooking Fume Extractors	Construction	Cl. 22 of IS 302-2-31:2009/ IEC 60335-2-31:2024
390.		Internal Wiring	Cl. 23 of IS 302-2-31:2009/ IEC 60335-2-31:2024
391.		Components	Cl. 24 of IS 302-2-31:2009/ IEC 60335-2-31:2024
392.		Supply Connection and External Flexible Cords	Cl. 25 of IS 302-2-31:2009/ IEC 60335-2-31:2024
393.		Terminal For External Conductors	Cl. 26 of IS 302-2-31:2009/ IEC 60335-2-31:2024
394.		Provision For Earthing	Cl. 27 of IS 302-2-31:2009/ IEC 60335-2-31:2024
395.		Screws And Connection	Cl. 28 of IS 302-2-31:2009/ IEC 60335-2-31:2024
396.		Clearances, Creepage Distance and Solid Insulation	Cl. 29 of IS 302-2-31:2009/ IEC 60335-2-31:2024
397.		Resistance Heat and Fire	Cl. 30 of IS 302-2-31:2009/ IEC 60335-2-31:2024
398.		Resistance To Rusting	Cl. 31 of IS 302-2-31:2009/ IEC 60335-2-31:2024



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Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
399.	Massage Appliances	General Requirement	Cl. 4 of IS 302-2-32:1994/ IEC 60335-2-32:2024
400.		General Conditions for the Tests	Cl. 5 of IS 302-2-32:1994/ IEC 60335-2-32:2024
401.		Classification	Cl. 6 of IS 302-2-32:1994/ IEC 60335-2-32:2024
402.		Marking and Instruction	Cl. 7 of IS 302-2-32:1994/ IEC 60335-2-32:2024
403.		Protection Against Access to Live Parts	Cl. 8 of IS 302-2-32:1994/ IEC 60335-2-32:2024
404.	Massage Appliances	Power Input and Current	Cl. 10 of IS 302-2-32:1994/ IEC 60335-2-32:2024
405.		Temperature Rise/Heating	Cl. 11 of IS 302-2-32:1994/ IEC 60335-2-32:2024
406.		Operation Under Overload Condition of Appliance with Heating Elements	Cl. 12 of IS 302-2-32:1994
407.		Charging of Metal-Ion Batteries	Cl. 12 of IS 60335-2-32: 2024
408.		Leakage Current and Electric Strength at Operating Temperature	Cl. 13 of IS 302-2-32:1994/ IEC 60335-2-32:2024

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Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
409.		Transient Over Voltage	Cl. 14 of IEC 60335-2-32:2024
410.		Moisture Resistance	Cl. 15 of IS 302-2-32:1994/ IEC 60335-2-32:2024
411.		Leakage Current and Electric Strength	Cl. 16 of IS 302-2-32:1994/ IEC 60335-2-32:2024
412.		Overload Protection of Transformers and Associated Circuit	Cl. 17 of IS 302-2-32:1994/ IEC 60335-2-32:2024
413.		Abnormal Operation	Cl. 19 of IS 302-2-32:1994/ IEC 60335-2-32:2024
414.		Stability and Mechanical Hazards	Cl. 20 of IS 302-2-32:1994/ IEC 60335-2-32:2024
415.		Mechanical Strength	Cl. 21 of IS 302-2-32:1994/ IEC 60335-2-32:2024
416.	Massage Appliances	Construction	Cl. 22 of IS 302-2-32:1994/ IEC 60335-2-32:2024
417.		Internal Wiring	Cl. 23 of IS 302-2-32:1994/ IEC 60335-2-32:2024
418.		Components	Cl. 24 of IS 302-2-32:1994/ IEC 60335-2-32:2024



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Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
419.		Supply Connection and External Flexible Cords	Cl. 25 of IS 302-2-32:1994/ IEC 60335-2-32:2024
420.		Terminal for External Conductors	Cl. 26 of IS 302-2-32:1994/ IEC 60335-2-32:2024
421.		Provision for Earthing	Cl. 27 of IS 302-2-32:1994/ IEC 60335-2-32:2024
422.		Screws and Connection	Cl. 28 of IS 302-2-32:1994/ IEC 60335-2-32:2024
423.		Clearances, Creepage Distance and Solid Insulation	Cl. 29 of IS 302-2-32:1994/ IEC 60335-2-32:2024
424.		Resistance Heat and Fire	Cl. 30 of IS 302-2-32:1994/ IEC 60335-2-32:2024
425.		Resistance to Rusting	Cl. 31 of IS 302-2-32:1994/ IEC 60335-2-32:2024
426.		Sampling Procedure for Acceptance 'Tests	ANNEX B of IS 302-2-32:1994/ IEC 60335-2-32:2024
427.	Massage Appliances	Electronic Circuits	Annex C of IS 302-2-32:1994/ IEC 60335-2-32:2024
428.		Measurement of Temperature with Thermometer	Annex D of IS 302-2-32:1994/ IEC 60335-2-32:2024
429.		Alternative Tests for Protectisi) Motor Units	Annex E of IS 302-2-32:1994/ IEC 60335-2-32:2024

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Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
430.		Impact Test Apparatus	Annex F of IS 302-2-32:1994/ IEC 60335-2-32:2024
431.		Thermal Control and Overload Release	Annex G of IS 302-2-32:1994/ IEC 60335-2-32:2024
432.		Measurement Of Creepage Distance and Clearance	ANNEX H of IS 302-2-32:1994/ IEC 60335-2-32:2024
433.		Test For Fire Resisting Properties	ANNEX J of IS 302-2-32:1994/ IEC 60335-2-32:2024
434.	Instantaneous Water Heater	General Requirement	Cl. 4 of IS 302-2-35:2017/ IEC 60335-2-35:2020
435.		General Conditions for the Tests	Cl. 5 of IS 302-2-35:2017/ IEC 60335-2-35:2020
436.		Classification	Cl. 6 of IS 302-2-35:2017/ IEC 60335-2-35:2020
437.		Marking And Instruction	Cl. 7 of IS 302-2-35:2017/ IEC 60335-2-35:2020
438.	Instantaneous Water Heater	Protection against Access to Live Parts	Cl. 8 of IS 302-2-35:2017/ IEC 60335-2-35:2020
439.		Power Input and Current	Cl. 10 of IS 302-2-35:2017/ IEC 60335-2-35:2020



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Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
440.		Heating	Cl. 11 of IS 302-2-35:2017/ IEC 60335-2-35:2020
441.		Leakage Current and Electric Strength at Operating Temperature	Cl. 13 of IS 302-2-35:2017/ IEC 60335-2-35:2020
442.		Transient Over Voltage	Cl. 14 of IS 302-2-35:2017/ IEC 60335-2-35:2020
443.		Moisture Resistance	Cl. 15 of IS 302-2-35:2017/ IEC 60335-2-35:2020
444.		Leakage Current and Electric Strength	Cl. 16 of IS 302-2-35:2017/ IEC 60335-2-35:2020
445.		Overload Protection of Transformers and Associated Circuit	Cl. 17 of IS 302-2-35:2017/ IEC 60335-2-35:2020
446.		Abnormal Operation	Cl. 19 of IS 302-2-35:2017/ IEC 60335-2-35:2020
447.		Stability And Mechanical Hazards	Cl. 20 of IS 302-2-35:2017/ IEC 60335-2-35:2020
448.		Mechanical Strength	Cl. 21 of IS 302-2-35:2017/ IEC 60335-2-35:2020
449.	Instantaneous Water Heater	Construction	Cl. 22 of IS 302-2-35:2017/ IEC 60335-2-35:2020

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Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
450.		Internal Wiring	Cl. 23 of IS 302-2-35:2017/ IEC 60335-2-35:2020
451.		Components	Cl. 24 of IS 302-2-35:2017/ IEC 60335-2-35:2020
452.		Supply Connection and External Flexible Cords	Cl. 25 of IS 302-2-35:2017/ IEC 60335-2-35:2020
453.		Terminal For External Conductors	Cl. 26 of IS S 302-2-35:2017/ IEC 60335-2-35:2020
454.		Provision For Earthing	Cl. 27 of IS 302-2-35:2017/ IEC 60335-2-35:2020
455.		Screws And Connection	Cl. 28 of IS 302-2-35:2017/ IEC 60335-2-35:2020
456.		Clearances, Creepage Distance and Solid Insulation	Cl. 29 of IS 302-2-35:2017/ IEC 60335-2-35:2020
457.		Resistance Heat and Fire	Cl. 30 of IS 302-2-35:2017/ IEC 60335-2-35:2020
458.		Resistance To Rusting	Cl. 31 of IS 302-2-35:2017/ IEC 60335-2-35:2020
459.		Routine Tests	Annex A of IS 302-2-35:2017/ IEC 60335-2-35:2020

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Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
460.	Instantaneous Water Heater	Software Evaluation	Annex R of IS 302-2-35:2017/ IEC 60335-2-35:2020
461.	Portable Immersion Heaters	General Requirement	Cl. 4 of IS 302-2-74:2024/ IEC 60335-2-74:2024
462.		General Conditions for the Tests	Cl. 5 Of IS 302-2-74:2024/ IEC 60335-2-74:2024
463.		Classification	Cl. 6 Of IS 302-2-74:2024/ IEC 60335-2-74:2024
464.		Marking and Instruction	Cl. 7 of IS 302-2-74:2024/ IEC 60335-2-74:2024
465.		Protection against Access to Live Parts	Cl. 8 of IS 302-2-74:2024/ IEC 60335-2-74:2024
466.		Power Input and Current	Cl. 10 of IS 302-2-74:2024/ IEC 60335-2-74:2024
467.		Heating	Cl. 11 of IS 302-2-74:2024/ IEC 60335-2-74:2024
468.		Charging of Metal-Ion Batteries	Cl. 12 of IS 302-2-74:2024/ IEC 60335-2-74:2024
469.		Leakage Current and Electric Strength at Operating Temperature	Cl. 13 of IS 302-2-74:2024/ IEC 60335-2-74:2024



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Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
470.		Transient Over Voltage	Cl. 14 of IS 302-2-74:2024/ IEC 60335-2-74:2024
471.	Portable Immersion Heaters	Moisture Resistance	Cl. 15 of IS 302-2-74:2024/ IEC 60335-2-74:2024
472.		Leakage Current and Electric Strength	Cl. 16 of IS 302-2-74:2024/ IEC 60335-2-74:2024
473.		Overload Protection of Transformers and Associated Circuit	Cl. 17 of IS 302-2-74:2024/ IEC 60335-2-74:2024
474.		Abnormal Operation	Cl. 19 of IS 302-2-74:2024/ IEC 60335-2-74:2024
475.		Stability and Mechanical Hazards	Cl. 20 of IS 302-2-74:2024/ IEC 60335-2-74:2024
476.		Mechanical Strength	Cl. 21 of IS 302-2-74:2024/ IEC 60335-2-74:2024
477.		Construction	Cl. 22 of IS 302-2-74:2024/ IEC 60335-2-74:2024
478.		Internal Wiring	Cl. 23 of IS 302-2-74:2024/ IEC 60335-2-74:2024
479.		Components	Cl. 24 of IS 302-2-74:2024/ IEC 60335-2-74:2024

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Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
480.	Portable Immersion Heaters	Supply Connection and External Flexible Cords	Cl. 25 of IS 302-2-74:2024/ IEC 60335-2-74:2024
481.		Terminal For External Conductors	Cl. 26 of IS 302-2-74:2024/ IEC 60335-2-74:2024
482.		Provision For Earthing	Cl. 27 of IS 302-2-74:2024/ IEC 60335-2-74:2024
483.		Screws And Connection	Cl. 28 of IS 302-2-74:2024/ IEC 60335-2-74:2024
484.		Clearances, Creepage Distance and Solid Insulation	Cl. 29 of IS 302-2-74:2024/ IEC 60335-2-74:2024
485.		Resistance Heat and Fire	Cl. 30 of IS 302-2-74:2024/ IEC 60335-2-74:2024
486.		Resistance To Rusting	Cl. 31 of IS 302-2-74:2024/ IEC 60335-2-74:2024
487.		Battery-Operated Appliances, Separable Batteries and Detachable Batteries For Battery-Operated Appliances	Annex B of IS 302-2-74:2024/ IEC 60335-2-74:2024
488.	Electric Immersion Water Heater	General Requirement	Cl. 4 of IS 302-2-201:2008+A1/IS 368 :2014

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Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
489.		General Conditions for the Tests	Cl. 5 of IS 302-2-201:2008+A1/IS 368 :2014
490.		Classification	Cl. 6 of IS 302-2-201:2008+A1/IS 368 :2014
491.		Marking And Instruction	Cl. 7 of IS 302-2-201:2008+A1/IS 368 :2014
492.	Electric Immersion Water Heater	Protection Against Access to Live Parts	Cl. 8 of IS 302-2-201:2008+A1/IS 368 :2014
493.		Power Input and Current	Cl. 10 of IS 302-2-201:2008+A1/IS 368 :2014
494.		Heating	Cl. 11 of IS 302-2-201:2008+A1/IS 368 :2014
495.		Leakage Current and Electric Strength at Operating Temperature	Cl. 13 of IS 302-2-201:2008+A1/IS 368 :2014
496.		Transient Over Voltage	Cl. 14 of IS 302-2-201:2008+A1/IS 368 :2014
497.		Moisture Resistance	Cl. 15 of IS 302-2-201:2008+A1/IS 368 :2014
498.		Leakage Current and Electric Strength	Cl. 16 of IS 302-2-201:2008+A1/IS 368 :2014

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Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
499.	Electric Immersion Water Heater	Overload Protection of Transformers and Associated Circuit	Cl. 17 of IS 302-2-201:2008+A1/IS 368 :2014
500.		Endurance	Cl 18 of IS 368 :2014
501.		Abnormal Operation	Cl. 19 of IS 302-2-201:2008+A1/IS 368 :2014
502.		Stability And Mechanical Hazards	Cl. 20 of IS 302-2-201:2008+A1/ IS 368 :2014
503.		Mechanical Strength	Cl. 21 of IS 302-2-201:2008+A1/IS 368 :2014
504.		Construction	Cl. 22 of IS 302-2-201:2008+A1/IS 368 :2014
505.		Internal Wiring	Cl. 23 of IS 302-2-201:2008+A1/IS 368 :2014
506.		Components	Cl. 24 of IS 302-2-201:2008+A1/IS 368 :2014
507.		Supply Connection and External Flexible Cords	Cl. 25 of IS 302-2-201:2008+A1/IS 368 :2014
508.		Terminal For External Conductors	Cl. 26 of IS 302-2-201:2008+A1/IS 368 :2014

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Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
509.		Provision For Earthing	Cl. 27 of IS 302-2-201:2008+A1/IS 368 :2014
510.		Screws And Connection	Cl. 28 of IS 302-2-201:2008+A1/IS 368 :2014
511.		Clearances, Creepage Distance and Solid Insulation	Cl. 29 of IS 302-2-201:2008+A1/IS 368 :2014
512.		Resistance Heat and Fire	Cl. 30 of IS 302-2-201:2008+A1/IS 368 :2014
513.		Resistance To Rusting	Cl. 31 of IS 302-2-201:2008+A1/IS 368 :2014
514.	Electric Stove	General Notes on Tests	Cl. 4 of IS 302-2-202:1992+A1+A2
515.	Electric Stove	Rating	Cl. 5 of IS 302-2-202:1992+A1+A2
516.		Classification	Cl. 6 of IS 302-2-202:1992+A1+A2
517.		Marking and Instruction	Cl. 7 of IS 302-2-202:1992+A1+A2
518.		Protection Against Access to Live Parts	Cl. 8 of IS 302-2-202:1992+A1+A2
519.		Power Input and Current	Cl. 10 of IS 302-2-202:1992+A1+A2
520.		Temperature Rise	Cl. 11 of IS 302-2-202:1992+A1+A2

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Accreditation Standard: ISO/IEC 17025:2017

Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
521.		Operation Under Overload Condition of Appliance with Heating Elements	Cl. 12 of IS 302-2-202:1992+A1+A2
522.		Leakage Current and Electric Strength at Operating Temperature	Cl. 13 of IS 302-2-202:1992+A1+A2
523.		Moisture Resistance	Cl. 15 of IS 302-2-202:1992+A1+A2
524.		Leakage Current and Electric Strength	Cl. 16 of IS 302-2-202:1992+A1+A2
525.		Abnormal Operation	Cl. 19 of IS 302-2-202:1992+A1+A2
526.		Stability And Mechanical Hazards	Cl. 20 of IS 302-2-202:1992+A1+A2
527.	Electric Stove	Mechanical Strength	Cl. 21 of IS 302-2-202:1992+A1+A2
528.		Construction	Cl. 22 of IS 302-2-202:1992+A1+A2
529.		Internal Wiring	Cl. 23 of IS 302-2-202:1992+A1+A2
530.		Components	Cl. 24 of IS 302-2-202:1992+A1+A2
531.		Supply Connection and External Flexible Cords	Cl. 25 of IS 302-2-202:1992+A1+A2

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Accreditation Standard: ISO/IEC 17025:2017

Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
532.		Terminal For External Conductors	Cl. 26 of IS 302-2-202:1992+A1+A2
533.		Provision For Earthing	Cl. 27 of IS 302-2-202:1992+A1+A2
534.		Screws And Connection	Cl. 28 of IS 302-2-202:1992+A1+A2
535.		Clearances, Creepage Distance and Solid Insulation	Cl. 29 of IS 302-2-202:1992+A1+A2
536.		Resistance Heat and Fire	Cl. 30 of IS 302-2-202:1992+A1+A2
537.		Resistance To Rusting	Cl. 31 of IS 302-2-202:1992+A1+A2
538.		Sampling Procedure for Acceptance Tests	Annex B of IS 302-2 201:2008+A1+A2
539.		Electronic Circuits	Annex C of IS 302-2-201:2008+A1+A2
540.	Electric Stove	Measurement of Temperature with Thermometer	Annex D of IS 302-2-201:2008+A1+A2
541.		Impact Test Apparatus	Annex F of IS 302-2-201:2008+A1+A2
542.		Thermal Controls and Overload Releases	Annex G of IS 302-2-201:2008+A1+A2



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Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
543.	Electric Call Bells and Buzzers for Indoor Use	Measurement of Creepage Distances and Clearances	Annex H of IS 302-2-201:2008+A1+A2
544.		Test For Fire-Resisting Properties	Annex J of IS 302-2-201:2008+A1+A2
545.		General Requirements	Cl. 3 of IS 302-2-203: 1994+A1
546.		General Notes on Tests	Cl. 4 Of IS 302-2-203: 1994+A1
547.		Rating	Cl. 5 of IS 302-2-203: 1994+A1
548.		Classification	Cl. 6 of IS 302-2-203: 1994+A1
549.		Marking	Cl. 7 of IS 302-2-203: 1994+A1
550.		Protection against Electric Shock	Cl. 8 of IS 302-2-203: 1994+A1
551.		Input and Current	Cl. 10 of IS 302-2-203: 1994+A1
552.		Temperature Rise	Cl. 11 of IS 302-2-203: 1994+A1
553.	Electric Call Bells and Buzzers for Indoor Use	Temperature Rise	Cl. 11 of IS 302-2-203: 1994+A1
554.		Electrical Insulation And Leakage Current at Operating	Cl. 13 of IS 302-2-203: 1994+A1

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Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
		Temperature	
555.		Radio and Television InterferenceSuppressions	Cl. 14 of IS 302-2-203: 1994+A1
556.		Moisture Resistance	Cl. 15 Of IS 302-2-203: 1994+A1
557.		Insulation Resistance and Electric Strength (After Humidity Treatment)	Cl. 16 of IS 302-2-203: 1994+A1
558.		Abnormal Operation	Cl. 19 of IS 302-2-203: 1994+A1
559.		Stability and Mechanical Hazards	Cl. 20 of IS 302-2-203: 1994+A1
560.		Mechanical Strength	Cl. 21 of IS 302-2-203: 1994+A1
561.		Construction	Cl. 22 of IS 302-2-203: 1994+A1
562.		Internal Wiring	Cl. 23 of IS 302-2-203: 1994+A1
563.		Components	Cl. 24 of IS 302-2-203: 1994+A1
564.		Supply Connection and External Flexible Cords	Cl. 25 of IS 302-2-203: 1994+A1

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Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
565.	Electric Call Bells and Buzzers for Indoor Use	Terminal for External Conductors	Cl. 26 of IS 302-2-203: 1994+A1
566.		Provision for Earthing	Cl. 27 of IS 302-2-203: 1994+A1
567.		Screws and Connection	Cl. 28 of IS 302-2-203: 1994+A1
568.		Creepage Distances and Clearances	Cl. 29 of IS 302-2-203: 1994+A1
569.		Resistance to Heat, Fire and Tracking	Cl. 30 of IS 302-2-203: 1994+A1
570.		Resistance to Rusting	Cl. 31 of IS 302-2-203: 1994+A1
571.		Sampling Procedure for Acceptance Tests	Annex B of IS 302-2-203: 1994+A1
572.		Electronic Circuits	Annex C of IS 302-2-203: 1994+A1
573.		Measurement of Temperature with Thermometer	Annex D of IS 302-2-203: 1994+A1
574.		Alternate Test for Protected Motor Units	Annex E of IS 302-2-203: 1994+A1
575.		Impact Test Apparatus	Annex F of IS 302-2-203: 1994+A1



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Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
576.	Electric Coffee Maker	Measurement Of Creepage Distances and Clearances	Annex H of IS 302-2-203: 1994+A1
577.		Test For Fire-Resisting Properties	Annex J of IS 302-2-203: 1994+A1
578.		General Requirement	Cl. 3 of IS 302-2-206:1994+A1
579.		General Notes on Test	Cl. 4 of IS 302-2-206:1994+A1
580.		Rating	Cl. 5 of IS 302-2-206:1994+A1
581.		Classification	Cl. 6 of IS 302-2-206:1994+A1
582.		Marking	Cl. 7 of IS 302-2-206:1994+A1
583.		Protection Against Electric Shock	Cl. 8 of IS 302-2-206:1994+A1
584.		Starting of Motor Operated Appliances	Cl. 9 of IS 302-2-206:1994+A1
585.		Input	Cl. 10 of IS 302-2-206:1994+A1
586.		Temperature Rise	Cl. 11 of IS 302-2-206:1994+A1

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Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
587.	Electric Coffee Maker	Operation under overload Conditions of Appliances With Heating Elements	Cl. 12 of IS 302-2-206:1994+A1
588.		Electrical Insulation and Leakage Current at Operating Temperature	Cl. 13 of IS 302-2-206:1994+A1
589.		Radio and Television Interference Suppressions	Cl. 14 of IS 302-2-203: 1994+A1
590.		Moisture Resistance	Cl. 15 of IS 302-2-206:1994+A1
591.		Insulation Resistance And Electric Strength (After Humidity Treatment)	Cl. 16 of IS 302-2-206:1994+A1
592.		Overload Protection	Cl. 17 of IS 302-2-206:1994+A1
593.		Endurance	Cl. 18 of IS 302-2-206:1994+A1
594.		Abnormal Operation	Cl. 19 of IS 302-2-206:1994+A1
595.	Electric Coffee Maker	Stability And Mechanical Hazards	Cl. 20 of IS 302-2-206:1994+A1
596.		Mechanical Strength	Cl. 21 of IS 302-2-206:1994+A1

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Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
597.	Electric Coffee Maker	Construction	Cl. 22 of IS 302-2-206:1994+A1
598.		Internal Wiring	Cl. 23 of IS 302-2-206:1994+A1
599.		Components	Cl. 24 of IS 302-2-206:1994+A1
600.		Supply Connection and External Flexible Cords	Cl. 25 of IS 302-2-206:1994+A1
601.		Terminal for External Conductors	Cl. 26 of IS 302-2-206:1994+A1
602.		Provision for Earthing	Cl. 27 of IS 302-2-206:1994+A1
603.		Screws and Connection	Cl. 28 of IS 302-2-206:1994+A1
604.		Clearances, Creepage Distance and Solid Insulation	Cl. 29 of IS 302-2-206:1994+A1
605.		Resistance Heat and Fire	Cl. 30 of IS 302-2-206:1994+A1
606.		Resistance to Rusting	Cl. 31 of IS 302-2-206:1994+A1
607.		Sampling Procedure for Acceptance Tests	Annex B of IS 302-2-206:1994+A1
608.		Electronic Circuits	Annex C of IS 302-2-206:1994+A1

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Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
609.		Measurement of Temperature with Thermometer	Annex D of IS 302-2-206:1994+A1
610.		Alternate Test for Protected Motor Units	Annex E of IS 302-2-206:1994+A1
611.		Impact Test Apparatus	Annex F of IS 302-2-206:1994+A1
612.		Thermal Controls and Overload Releases	Annex G of IS 302-2-206:1994+A1
613.		Measurement of Creepage Distances and Clearances	Annex H of IS 302-2-206:1994+A1
614.		Test For Fire-Resisting Properties	Annex J of IS 302-2-206:1994+A1
615.	Low Speed Food Grinding Machines	Rating	Cl. 5 of IS 302-2-209:1994+A1+A2+A3
616.	Low Speed Food Grinding Machines	Classification	Cl. 6 of IS 302-2-209:1994+A1+A2+A3
617.		Marking and Instruction	Cl. 7 of IS 302-2-209:1994+A1+A2+A3
618.		Protection against access to Live Parts	Cl. 8 of IS 302-2-209:1994+A1+A2+A3
619.		Starting of Moter-Operated Appliance	Cl. 9 of IS 302-2-209:1994+A1+A2+A3

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Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
620.		Power Input and Current	Cl. 10 of IS 302-2-209:1994+A1+A2+A3
621.		Temperature Rise	Cl. 11 of IS 302-2-209:1994+A1+A2+A3
622.		Temperature Rise	Cl. 11 of IS 302-2-209:1994+A1+A2+A3
623.		Operation Under Overload Condition of Appliance with Heating Elements	Cl. 12 of IS 302-2-209:1994+A1+A2+A3
624.		Leakage Current and Electric Strength at Operating Temperature	Cl. 13 of IS 302-2-209:1994+A1+A2+A3
625.		Moisture Resistance	Cl. 15 of IS 302-2-209:1994+A1+A2+A3
626.		Leakage Current and Electric Strength	Cl. 16 of IS 302-2-209:1994+A1+A2+A3
627.	Low Speed Food Grinding Machines	Overload Protection of Transformers and Associated Circuit	Cl. 17 of IS 302-2-209:1994+A1+A2+A3
628.		Abnormal Operation	Cl. 19 of IS 302-2-209:1994+A1+A2+A3



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Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
629.		Stability and Mechanical Hazards	Cl. 20 of IS 302-2-209:1994+A1+A2+A3
630.		Mechanical Strength	Cl. 21 of IS 302-2-209:1994+A1+A2+A3
631.		Construction	Cl. 22 of IS 302-2-209:1994+A1+A2+A3
632.		Internal Wiring	Cl. 23 of IS 302-2-209:1994+A1+A2+A3
633.		Components	Cl. 24 of IS 302-2-209:1994+A1+A2+A3
634.		Supply Connection and External Flexible Cords	Cl. 25 of IS 302-2-209:1994+A1+A2+A3
635.		Terminal for External Conductors	Cl. 26 of IS 302-2-209:1994+A1+A2+A3
636.		Provision for Earthing	Cl. 27 of IS 302-2-209:1994+A1+A2+A3
637.		Screws and Connection	Cl. 28 of IS 302-2-209:1994+A1+A2+A3
638.	Low Speed Food Grinding Machines	Clearances, Creepage Distance and Solid Insulation	Cl. 29 of IS 302-2-209:1994+A1+A2+A3



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Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
639.		Resistance Heat and Fire	Cl. 30 of IS 302-2-209:1994+A1+A2+A3
640.		Resistance to Rusting	Cl. 31 of IS 302-2-209:1994+A1+A2+A3
641.	Air Cleaning Appliance	Classification	Cl. 6 of IS 60335-2-65:2023
642.		Marking and Instruction	Cl. 7 of IEC 60335-2-65:2023
643.		Protection Against access to Live Parts	Cl. 8 of IEC 60335-2-65:2023
644.		Power Input and Current	Cl. 10 of IEC 60335-2-65:2023
645.		Heating	Cl. 11 of IEC 60335-2-65:2023
646.		Charging of Metal-Ion Batteries	Cl. 12 of IEC 60335-2-65:2023
647.		Leakage Current and Electric Strength at Operating Temperature	Cl. 13 of IEC 60335-2-65:2023
648.		Transient over Voltage	Cl. 14 of IEC 60335-2-65:2023

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Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
649.	Air Cleaning Appliance	Moisture Resistance	Cl. 15 of IEC 60335-2-65:2023
650.		Leakage Current and Electric Strength	Cl. 16 of IEC 60335-2-65:2023
651.		Overload Protection of Transformers and Associated Circuit	Cl. 17 of IEC 60335-2-65:2023
652.		Abnormal Operation	Cl. 19 of IEC 60335-2-65:2023
653.		Stability And Mechanical Hazards	Cl. 20 of IEC 60335-2-65:2023
654.		Mechanical Strength	Cl. 21 of IEC 60335-2-65:2023
655.		Construction	Cl. 22 of IEC 60335-2-65:2023
656.		Internal Wiring	Cl. 23 of IEC 60335-2-65:2023
657.		Components	Cl. 24 of IEC 60335-2-65:2023
658.		Supply Connection and External Flexible Cords	Cl. 25 of IEC 60335-2-65:2023
659.		Terminal for External Conductors	Cl. 26 of IEC 60335-2-65:2023



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Valid until: 02 February 2028

Accreditation Standard: ISO/IEC 17025:2017

Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
660.		Provision for Earthing	Cl. 27 of IEC 60335-2-65:2023
661.		Screws and Connection	Cl. 28 of IEC 60335-2-65:2023
662.		Clearances, Creepage Distance and Solid Insulation	Cl. 29 of IEC 60335-2-65:2023
663.	Air Cleaning Appliance	Resistance Heat and Fire	Cl. 30 of IEC 60335-2-65:2023
664.		Resistance to Rusting	Cl. 31 of IEC 60335-2-65:2023
665.		Classification	Cl. 6 of IEC 60335-2-52:2021
666.	Oral Hygiene Appliance	Marking and Instruction	Cl. 7 of IEC 60335-2-52:2021
667.		Protection Against Access to Live Parts	Cl. 8 of IEC 60335-2-52:2021
668.		Power Input and Current	Cl. 10 of IEC 60335-2-52:2021
669.		Heating	Cl. 11 of IEC 60335-2-52:2021
670.		Leakage Current and Electric Strength at Operating Temperature	Cl. 13 of IEC 60335-2-52:2021



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Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
671.		Transient Over Voltage	Cl. 14 of IEC 60335-2-52:2021
672.		Moisture Resistance	Cl. 15 of IEC 60335-2-52:2021
673.		Leakage Current and Electric Strength	Cl. 16 of IEC 60335-2-52:2021
674.	Oral Hygiene Appliance	Overload Protection of Transformers and Associated Circuit	Cl. 17 of IEC 60335-2-52:2021
675.		Abnormal Operation	Cl. 19 of IEC 60335-2-52:2021
676.		Stability And Mechanical Hazards	Cl. 20 of IEC 60335-2-52:2021
677.		Mechanical Strength	Cl. 21 of IEC 60335-2-52:2021
678.		Construction	Cl. 22 of IEC 60335-2-52:2021
679.		Internal Wiring	Cl. 23 of IEC 60335-2-52:2021
680.		Components	Cl. 24 of IEC 60335-2-52:2021
681.		Supply Connection and External Flexible Cords	Cl. 25 of IEC 60335-2-52:2021

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Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
682.		Terminal For External Conductors	Cl. 26 of IEC 60335-2-52:2021
683.		Screws and Connection	Cl. 28 of IEC 60335-2-52:2021
684.		Clearances, Creepage Distance and Solid Insulation	Cl. 29 of IEC 60335-2-52:2021
685.		Resistance Heat and Fire	Cl. 30 of IEC 60335-2-52:2021
686.	Domestic Electric Food Mixer	Rating	Cl. 5 of IS 4250:1980
687.		Classification	Cl. 6 of IS 4250:1980
688.		Marking And Instruction	Cl. 7 of IS 4250:1980
689.		Protection Against Access to Live Parts	Cl. 8 of IS 4250:1980
690.		Power Input and Current	Cl. 10 of IS 4250:1980
691.		Temperature Rise	Cl. 11 of IS 4250:1980
692.		Temperature Rise	Cl. 11 of IS 4250:1980



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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		
693.		Operation Under Overload Condition of Appliance with Heating Elements	Cl. 12 of IS 4250:1980
694.		Leakage Current and Electric Strength at Operating Temperature	Cl. 13 of IS 4250:1980
695.		Moisture Resistance	Cl. 15 of IS 4250:1980
696.		Leakage Current and Electric Strength	Cl. 16 of IS 4250:1980
697.		Overload Protection of Transformers and Associated Circuit	Cl. 17 of IS 4250:1980
698.		Abnormal Operation	Cl. 19 of IS 4250:1980
699.		Stability And Mechanical Hazards	Cl. 20 of IS 4250:1980
700.	Domestic Electric Food Mixer	Mechanical Strength	Cl. 21 of IS 4250:1980
701.		Construction	Cl. 22 of IS 4250:1980
702.		Internal Wiring	Cl. 23 of IS 4250:1980



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Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
703.		Components	Cl. 24 of IS 4250:1980
704.		Supply Connection and External Flexible Cords	Cl. 25 of IS 4250:1980
705.		Terminal For External Conductors	Cl. 26 of IS 4250:1980
706.		Provision For Earthing	Cl. 27 of IS 4250:1980
707.		Screws And Connection	Cl. 28 of IS 4250:1980
708.		Clearances, Creepage Distance and Solid Insulation	Cl. 29 of IS 4250:1980
709.		Resistance Heat and Fire	Cl. 30 of IS 4250:1980
710.		Resistance To Rusting	Cl. 31 of IS 4250:1980
711.		Finish	Cl. 33 of IS 4250:1980
712.		Operational Tests	Cl. 34 of IS 4250:1980
713.	Domestic Electric Food Mixer	Temperature Withstand Test for Bowl	Cl. 35 of IS 4250:1980
714.		Test For Controls	Cl. 36 of IS 4250:1980

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Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
715.		Strength Assembly	Cl. 37 of IS 4250:1980
716.	Mineral Filled Sheathed Heating Elements	Classification	Cl. 6 of IS 4159:2021
717.		Marking And Instruction	Cl. 7 of IS 4159:2021
718.		Protection Against Access to Live Parts	Cl. 8 of IS 4159:2021
719.		Power Input and Current	Cl. 10 of IS 4159:2021
720.		Heating	Cl. 11 of IS 4159:2021
721.		Leakage Current and Electric Strength at Operating Temperature	Cl. 13 Of IS 4159:2021
722.		Transient Over Voltage	Cl. 14 Of IS 4159:2021
723.	Mineral Filled Sheathed Heating Elements	Moisture Resistance	Cl. 15 Of IS 4159:2021
724.		Leakage Current and Electric Strength	Cl. 16 Of IS 4159:2021
725.		Endurance	Cl. 18 Of IS 4159:2021
726.		Abnormal Operation	Cl. 19 Of IS 4159:2021

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Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
727.		Stability And Mechanical Hazards	Cl. 20 Of IS 4159:2021
728.		Mechanical Strength	Cl. 21 Of IS 4159:2021
729.		Construction	Cl. 22 Of IS 4159:2021
730.		Internal Wiring	Cl. 23 Of IS 4159:2021
731.		Components	Cl. 24 Of IS 4159:2021
732.		Supply Connection and External Flexible Cords	Cl. 25 Of IS 4159:2021
733.		Terminal For External Conductors	Cl. 26 of IS 4159:2021
734.		Provision For Earthing	Cl. 27 of IS 4159:2021
735.		Screws And Connection	Cl. 28 of IS 4159:2021
736.		Clearances, Creepage Distance and Solid Insulation	Cl. 29 of IS 4159:2021
737.	Mineral Filled Sheathed Heating Elements	Resistance Heat and Fire	Cl. 30 of IS 4159:2021



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Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
738.		Resistance To Rusting	Cl. 31 of IS 4159:2021
739.	Domestic Electric Food Mixer	General Requirements	Cl. 4 of IS 4250:2025
740.		General Conditions for the Tests	Cl. 5 of IS 4250:2025
741.		Classification	Cl. 6 of IS 4250:2025
742.		Marking	Cl. 7 of IS 4250:2025
743.		Safety Requirements	Cl. 8 of IS 4250:2025
744.		Protection Against Access to Live Parts	Cl. 8 of IS 302-2-14: 2009/ IS 4250:2025
745.		Power Input and Current	Cl. 10 of IS 302-2-14: 2009/ IS 4250:2025
746.		Heating	Cl. 11 of IS 302-2-14: 2009/ IS 4250:2025
747.		Leakage Current and Electric Strength at Operating Temperature	Cl. 13 of IS 302-2-14: 2009/ IS 4250:2025



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Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
748.	Domestic Electric Food Mixer	Transient Over Voltage	Cl. 14 of IS 302-2-14: 2009/ IS 4250:2025
749.		Moisture Resistance	Cl. 15 of IS 302-2-14: 2009/ IS 4250:2025
750.		Leakage Current and Electric Strength	Cl. 16 of IS 302-2-14: 2009/ IS 4250:2025
751.		Overload Protection of Transformers and Associated Circuit	Cl. 17 of IS 302-2-14: 2009/ IS 4250:2025
752.		Abnormal Operation	Cl. 19 of IS 302-2-14: 2009/ IS 4250:2025
753.		Stability And Mechanical Hazards	Cl. 20 of IS 302-2-14: 2009/ IS 4250:2025
754.		Mechanical Strength	Cl. 21 of IS 302-2-14: 2009/ IS 4250:2025
755.		Construction	Cl. 22 of IS 302-2-14: 2009/ IS 4250:2025
756.		Internal Wiring	Cl. 23 of IS 302-2-14: 2009/ IS 4250:2025
757.		Components	Cl. 24 of IS 302-2-14: 2009/ IS 4250:2025

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Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
758.		Supply Connection and External Flexible Cords	Cl. 25 of IS 302-2-14: 2009/ IS 4250:2025
759.		Terminal For External Conductors	Cl. 26 of IS 302-2-14: 2009/ IS 4250:2025
760.		Provision For Earthing	Cl. 27 of IS 302-2-14: 2009/ IS 4250:2025
761.		Screws And Connection	Cl. 28 of IS 302-2-14: 2009/ IS 4250:2025
762.		Clearances, Creepage Distance and Solid Insulation	Cl. 29 of IS 302-2-14: 2009/ IS 4250:2025
763.		Resistance Heat and Fire	Cl. 30 of IS 302-2-14: 2009/ IS 4250:2025
764.	Domestic Electric Food Mixer	Resistance to Rusting	Cl. 31 of IS 302-2-14: 2009/ IS 4250:2025
765.		Endurance For Motor and Base Assembly	Cl. 9 of IS 4250:2025
766.		Operational Tests	Cl. 10 of IS 4250:2025
767.		Temperature Withstand Test for Bowl	Cl. 11 of IS 4250:2025
768.		Test for Controls	Cl. 12 of IS 4250:2025

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Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
769.		Strength of Assembly	Cl. 13 of IS 4250:2025
770.		Schedule of Tests	Cl. 14 of IS 4250:2025
771.	Electric Instantaneous Water Heaters	General Requirement	Cl.4 of IS 8978: 1992
772.		General Notes on Test	Cl.5 of IS 8978: 1992
773.		Rating	Cl. 6 of IS 8978: 1992
774.		Classification	Cl.7 of IS 8978: 1992
775.		Marking	Cl. 8 of IS 8978: 1992
776.		Safety Requirement	Cl. 9 of IS 8978: 1992
777.		Finish	Cl. 10 of IS 8978: 1992
778.		Operation Of Flow Switch	Cl. 11 of IS 8978: 1992
779.		Endurance	Cl. 12 of IS 8978: 1992
780.	Vacuum Cleaners and Water Suction Cleaning Appliances	General Requirement	Cl. 3 of IS 302: Part 2: Sec 2: 1997+A1/IEC 60335-2-2:2019
781.		General Notes on Tests /General Requirement	Cl. 4 of IS 302: Part 2: Sec 2: 1997+A1/IEC 60335-2-2:2019

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Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
782.	Vacuum Cleaners and Water Suction Cleaning Appliances	Rating/General Conditions for the Tests	Cl.5 of IS 302: Part 2: Sec 2: 1997+A1/IEC 60335-2-2:2019
783.		Classification	Cl. 6 of IS 302: Part 2: Sec 2: 1997+A1/IEC 60335-2-2:2019
784.		Marking	Cl. 7 of IS 302: Part 2: Sec 2: 1997+A1/IEC 60335-2-2:2019
785.		Protection Against Access to Live Parts	Cl. 8 of IS 302: Part 2: Sec 2: 1997+A1/IEC 60335-2-2:2019
786.		Starting of Motor-Operating Appliances	Cl. 9 of IS 302: Part 2: Sec 2: 1997+A1/IEC 60335-2-2:2019
787.		Input	Cl. 10 of IS 302: Part 2: Sec 2: 1997+A1/IEC 60335-2-2:2019
788.		Temperature Rise/ Heating	Cl. 11 of IS 302 : Part 2 : Sec 2 : 1997+A1/IEC 60335-2-2:2019
789.		Leakage Current and Electric Strength at Operating Temperature	Cl. 13 of IS 302: Part 2: Sec 2: 1997+A1/IEC 60335-2-2:2019
790.		Moisture Resistance	Cl. 15 of IS 302: Part 2: Sec 2: 1997+A1/IEC 60335-2-2:2019



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Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
791.	Vacuum Cleaners and Water Suction Cleaning Appliances	Insulation Resistance and Electric Strength (After Humidity Treatment) / Leakage Current and Electric Strength	Cl. 16 of IS 302: Part 2: Sec 2 : 1997+A1/IEC 60335-2-2:2019
792.		Leakage Current and Electric Strength	Cl. 16 of IS 302: Part 2: Sec 2: 1997+A1/IEC 60335-2-2:2019
793.		Overload Protection / Overload Protection of Transformers and Associated Circuit	Cl. 17 of IS 302: Part 2: Sec 2: 1997+A1/IEC 60335-2-2:2019
794.		Endurance	Cl. 18 of IS 302: Part 2: Sec 2: 1997+A1/IEC 60335-2-2:2019
795.		Abnormal Operation	Cl. 19 of IS 302: Part 2: Sec 2: 1997+A1/IEC 60335-2-2:2019
796.		Stability And Mechanical Hazards	Cl. 20 of IS 302: Part 2: Sec 2: 1997+A1/IEC 60335-2-2:2019
797.		Mechanical Strength	Cl. 21 of IS 302: Part 2: Sec 2: 1997+A1/IEC 60335-2-2:2019
798.		Construction	Cl. 22 of IS 302: Part 2: Sec 2: 1997+A1/IEC 60335-2-2:2019
799.		Internal Wiring	Cl. 23 of IS 302: Part 2: Sec 2: 1997+A1/IEC 60335-2-2:2019

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Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
800.		Components	Cl. 24 of IS 302: Part 2: Sec 2: 1997+A1/IEC 60335-2-2:2019
801.		Supply Connection and External Flexible Cords	Cl. 25 of IS 302: Part 2 : Sec 2 : 1997+A1/IEC 60335-2-2:2019
802.		Terminal For External Conductors	Cl. 26 of IS 302: Part 2 : Sec 2 : 1997+A1/IEC 60335-2-2:2019
803.		Provision for Earthing	Cl. 27 of IS 302: Part 2: Sec 2: 1997+A1/IEC 60335-2-2:2019
804.		Screws And Connection	Cl. 28 of IS 302: Part 2 : Sec 2 : 1997+A1/IEC 60335-2-2:2019
805.	Vacuum Cleaners and Water Suction Cleaning Appliances	Creepage Distances, Clearances and Distances Through Insulation / Clearances, Creepage Distance and Solid Insulation	Cl. 29 of IS 302: Part 2: Sec 2: 1997+A1/IEC 60335-2-2:2019
806.		Resistance To Heat, Fire and Tracking / Resistance Heat and Fire	Cl. 30 of IS 302: Part 2: Sec 2: 1997+A1/IEC 60335-2-2:2019
807.		Resistance To Rusting	Cl. 31 of IS 302: Part 2: Sec 2: 1997+A1/IEC 60335-2-2:2019

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Scope of Accreditation

HT Product Services Private Limited
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QAI/CIA/TL/2023/0023

Accreditation Standard: ISO/IEC 17025:2017

Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
808.	Commercial Dispensing Appliances and Vending Machines	General Requirement	Cl. 4 of IS 302: Part 2: Sec 75: 2018/ IEC 60335-2-75:2024
809.		General Condition for the Tests	Cl. 5 of IS 302: Part 2: Sec 75: 2018/ IEC 60335-2-75:2024
810.		Classification	Cl. 6 of IS 302: Part 2: Sec 75: 2018/ IEC 60335-2-75:2024
811.		Marking and Instruction	Cl. 7 of IS 302: Part 2: Sec 75: 2018/ IEC 60335-2-75:2024
812.		Protection against Access to Live Parts	Cl. 8 of IS 302: Part 2: Sec 75: 2018/ IEC 60335-2-75:2024
813.		Power Input and Current	Cl. 10 of IS 302: Part 2: Sec 75: 2018/ IEC 60335-2-75:2024
814.	Commercial Dispensing Appliances and Vending Machines	Heating	Cl. 11 of IS 302: Part 2: Sec 75: 2018/ IEC 60335-2-75:2024
815.		Charging of Metal-Ion Batteries	Cl. 12 of IS 302: Part 2: Sec 75: 2018/ IEC 60335-2-75:2024
816.		Leakage Current and Electric Strength at Operating Temperature	Cl. 13 of IS 302: Part 2: Sec 75: 2018/ IEC 60335-2-75:2024
817.		Transient Over Voltage	Cl. 14 of IS 302: Part 2: Sec 75: 2018/ IEC 60335-2-75:2024

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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		
818.		Moisture Resistance	Cl. 15 of IS 302 : Part 2 : Sec 75 : 2018/ IEC 60335-2-75:2024
819.		Leakage Current and Electric Strength	Cl. 16 of IS 302 : Part 2 : Sec 75 : 2018/ IEC 60335-2-75:2024
820.		Overload Protection of Transformers and Associated Circuit	Cl. 17 of IS 302 : Part 2 : Sec 75 : 2018/ IEC 60335-2-75:2024
821.		Endurance	Cl. 18 of IS 302: Part 2 : Sec 75 : 2018/ IEC 60335-2-75:2024
822.		Abnormal Operation	Cl. 19 of IS 302 : Part 2 : Sec 75 : 2018/ IEC 60335-2-75:2024
823.		Stability And Mechanical Hazards	Cl. 20 of IS 302 : Part 2 : Sec 75 : 2018/ IEC 60335-2-75:2024
824.		Mechanical Strength	Cl. 21 of IS 302 : Part 2 : Sec 75 : 2018/ IEC 60335-2-75:2024
825.	Commercial Dispensing Appliances and Vending Machines	Construction	Cl. 22 of IS 302 : Part 2 : Sec 75 : 2018/ IEC 60335-2-75:2024
826.		Internal Wiring	Cl. 23 of IS 302 : Part 2 : Sec 75 : 2018/ IEC 60335-2-75:2024
827.		Components	Cl. 24 of IS 302 : Part 2 : Sec 75 : 2018/ IEC 60335-2-75:2024



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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		
828.		Supply Connection and External Flexible Cords	Cl. 25 of IS 302 : Part 2 : Sec 75 : 2018/ IEC 60335-2-75:2024
829.		Terminal For External Conductors	Cl. 26 of IS 302 : Part 2 : Sec 75 : 2018/ IEC 60335-2-75:2024
830.		Provision For Earthing	Cl. 27 of IS 302 : Part 2 : Sec 75 : 2018/ IEC 60335-2-75:2024
831.		Screws And Connection	Cl. 28 of IS 302 : Part 2 : Sec 75 : 2018/ IEC 60335-2-75:2024
832.		Clearances, Creepage Distance and Solid Insulation	Cl. 29 of IS 302 : Part 2 : Sec 75 : 2018/ IEC 60335-2-75:2024
833.		Resistance Heat and Fire	Cl. 30 of IS 302 : Part 2 : Sec 75 : 2018/ IEC 60335-2-75:2024
834.		Resistance to Rusting	Cl. 31 of IS 302: Part 2: Sec 75: 2018/ IEC 60335-2-75:2024
835.		Aging Test for Elastomeric Parts	Annex AA of IS 302: Part 2: Sec 75: 2018/ IEC 60335-2-75:2024
836.	Household and Similar Electrical Appliances - Fans	General Requirement	Cl. 4 of IS 302-2-80 :2017+A1/IEC 60335-2-80: 2024
837.		General Conditions for the Tests	Cl. 5 of IS 302-2-80 :2017+A1/IEC 60335-2-80: 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		
838.	Household and Similar Electrical Appliances - Fans	Classifications	Cl. 6 of IS 302-2-80 :2017+A1/IEC 60335-2-80: 2024
839.		Marking and Instructions	Cl. 7 of IS 302-2-80 :2017+A1/IEC 60335-2-80: 2024
840.		Protection Against Access To Live Parts	Cl. 8 of IS 302-2-80 :2017/IEC 60335-2-80: 2024
841.		Power Input and Current	Cl. 10 of IS 302-2-80 :2017+A1/IEC 60335-2-80: 2024
842.		Heating	Cl. 11 of IS 302-2-80 :2017+A1/IEC 60335-2-80: 2024
843.		Charging of Metal-Ion Batteries	Cl. 12 of IS 302-2-80 :2017+A1/IEC 60335-2-80: 2024
844.		Leakage Current & Electric Strength At Operating Temperature	Cl. 13 of IS 302-2-80 :2017+A1/IEC 60335-2-80: 2024
845.		Transient Over Voltages	Cl. 14 of IS 302-2-80 :2017+A1/IEC 60335-2-80: 2024
846.		Moisture Resistance	Cl. 15 of IS 302-2-80 :2017+A1/IEC 60335-2-80: 2024
847.	Household and Similar Electrical Appliances - Fans	Leakage Current & Electric Strength	Cl. 16 of IS 302-2-80 :2017+A1/IEC 60335-2-80: 2024

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Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
848.		Overload Protection Of Transformer & Associated Circuit	Cl. 17 of IS 302-2-80 :2017+A1/IEC 60335-2-80: 2024
849.		Abnormal Operation	Cl. 19 of IS 302-2-80 :2017+A1/IEC 60335-2-80: 2024
850.		Stability And Mechanical Hazards	Cl. 20 of IS 302-2-80 :2017+A1/IEC 60335-2-80: 2024
851.		Mechanical Strength	Cl. 21 of IS 302-2-80 :2017+A1/IEC 60335-2-80: 2024
852.		Construction	Cl. 22 of IS 302-2-80 :2017+A1/IEC 60335-2-80: 2024
853.		Internal Wiring	Cl. 23 of IS 302-2-80 :2017+A1/IEC 60335-2-80: 2024
854.		Components	Cl. 24 of IS 302-2-80 :2017+A1/IEC 60335-2-80: 2024
855.		Supply Connections and External Flexible Cords	Cl. 25 of IS 302-2-80 :2017+A1/IEC 60335-2-80: 2024
856.		Terminals for External Conductors	Cl. 26 of IS 302-2-80 :2017+A1/IEC 60335-2-80: 2024
857.		Provision for Earthing	Cl. 27 of IS 302-2-80 :2017+A1/IEC 60335-2-80: 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		
858.	Household and Similar Electrical Appliances - Fans	Screws and Connections	Cl. 28 of IS 302-2-80 :2017+A1/IEC 60335-2-80: 2024
859.		Clearances, Creepage Distance & Solid Insulation	Cl. 29 of IS 302-2-80 :2017+A1/IEC 60335-2-80: 2024
860.		Resistance to Heat and Fire	Cl. 30 of IS 302-2-80 :2017+A1/IEC 60335-2-80: 2024
861.		Resistance to Rusting	Cl. 31 of IS 302-2-80 :2017+A1/IEC 60335-2-80: 2024
862.	Spin Extractors	General Requirement	Cl. 4 of IS 302-2-4: 1993+A1/ IEC 60335-2-4:2023
863.		General Notes on Test	Cl. 5 of IS 302-2-4: 1993+A1/ IEC 60335-2-4:2023
864.		Classification	Cl. 6 of IS 302: Part 2: Sec 4 : 1993+A1/ IEC 60335-2-4:2023
865.		Marking / Marking and Instruction	Cl. 7 of IS 302: Part 2 : Sec 4 : 1993+A1/ IEC 60335-2-4:2023
866.		Protection against access to Live Parts	Cl. 8 of IS 302 : Part 2 : Sec 4 : 1993+A1/ IEC 60335-2-4:2023
867.		Starting of Motor-Operated Appliances	Cl. 9 of IS 302 : Part 2 : Sec 4 : 1993+A1/ IEC 60335-2-4:2023

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Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
868.		Input and Current / Power Input and Current	Cl. 10 of IS 302 : Part 2 : Sec 4 : 1993+A1/ IEC 60335-2-4:2023
869.	Spin Extractors	Heating	Cl. 11 of IS 302 : Part 2 : Sec 4 : 1993+A1/ IEC 60335-2-4:2023
870.		Heating	Cl. 11 of IS 302 : Part 2 : Sec 4 : 1993+A1/ IEC 60335-2-4:2023
871.		Charging of Metal-Ion Batteries	Cl. 12 of IS 302: Part 2 : Sec 4 : 1993+A1/ IEC 60335-2-4:2023
872.		Electrical Insulation And Leakage Current at Operating Temperature/ Leakage Current and Electric Strength at Operating Temperature	Cl. 13 of IS 302: Part 2: Sec 4: 1993+A1/ IEC 60335-2-4:2023
873.		Radio and Television InterferenceSuppressions/ Transient Over Voltage	Cl. 14 of IS 302: Part 2: Sec 4: 1993+A1/ IEC 60335-2-4:2023
874.		Moisture Resistance	Cl. 15 of IS 302: Part 2: Sec 4: 1993+A1/ IEC 60335-2-4:2023
875.		Insulation Resistance And Electric Strength (After Humidity	Cl. 16 of IS 302 : Part 2 : Sec 4 : 1993+A1/ IEC 60335-2-4:2023



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Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
		Treatment)/ Leakage Current and Electric Strength	
876.		Overload Protection / Overload Protection of Transformers and Associated Circuit	Cl. 17 of IS 302: Part 2: Sec 4: 1993+A1/ IEC 60335-2-4:2023
877.	Spin Extractors	Abnormal Operation	Cl. 19 of IS 302 : Part 2 : Sec 4 : 1993+A1/ IEC 60335-2-4:2023
878.		Stability And Mechanical Hazards	Cl. 20 of IS 302 : Part 2 : Sec 4 : 1993+A1/ IEC 60335-2-4:2023
879.		Mechanical Strength	Cl. 21 of IS 302 : Part 2 : Sec 4 : 1993+A1/ IEC 60335-2-4:2023
880.		Construction	Cl. 22 of IS 302 : Part 2 : Sec 4 : 1993+A1/ IEC 60335-2-4:2023
881.		Internal Wiring	Cl. 23 of IS 302 : Part 2 : Sec 4 : 1993+A1/ IEC 60335-2-4:2023
882.		Components	Cl. 24 of IS 302 : Part 2 : Sec 4 : 1993+A1/ IEC 60335-2-4:2023
883.		Supply Connection and External Flexible Cords	Cl. 25 of IS 302 : Part 2 : Sec 4 : 1993+A1/ IEC 60335-2-4:2023
884.		Terminal for External Conductors	Cl. 26 of IS 302: Part 2: Sec 4: 1993+A1/ IEC 60335-2-4:2023



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Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
885.	Spin Extractors	Provision for Earthing	Cl. 27 of IS 302: Part 2: Sec 4: 1993+A1/ IEC 60335-2-4:2023
886.		Screws and Connection	Cl. 28 of IS 302 : Part 2 : Sec 4 : 1993+A1/ IEC 60335-2-4:2023
887.		Creepage Distances, Clearances And Distances Through Insulation/ Clearances, Creepage Distance and Solid Insulation	Cl. 29 of IS 302 : Part 2 : Sec 4 : 1993+A1/ IEC 60335-2-4:2023
888.		Resistance To Heat, Fire And Tracking/ Resistance Heat and Fire	Cl. 30 of IS 302 : Part 2 : Sec 4 : 1993+A1/ IEC 60335-2-4:2023
889.		Resistance To Rusting	Cl. 31 of IS 302: Part 2: Sec 4 : 1993+A1/ IEC 60335-2-4:2023
890.		Sampling Procedure for Acceptance Tests	Annex B of IS 302 : Part 2 : Sec 4 : 1993+A1/ IEC 60335-2-4:2023
891.		Electronic Circuits	Annex C of IS 302: Part 2: Sec 4: 1993+A1/ IEC 60335-2-4:2023
892.		Measurement of Temperature with Thermometer	Annex D of IS 302: Part 2 : Sec 4 : 1993+A1/ IEC 60335-2-4:2023



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Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
893.		Alternative Requirements for Protected Motor Units	Annex E of IS 302: Part 2 : Sec 4 : 1993+A1/ IEC 60335-2-4:2023
894.		Impact Test Apparatus	Annex F of IS 302: Part 2 : Sec 4 : 1993+A1/ IEC 60335-2-4:2023
895.		Thermal Controls and Overload Releases	Annex G of IS of IS 302: Part 2 : Sec 4 : 1993+A1/ IEC 60335-2-4:2023
896.		Measurement Of Creepage Distances and Clearances	Annex H of IS 302: Part 2 : Sec 4 : 1993+A1/ IEC 60335-2-4:2023
897.		Test For Fire-Resisting Properties	Annex J of IS 302 : Part 2 : Sec 4 : 1993+A1/ IEC 60335-2-4:2023
898.	Induction Hobs	Household Electric Cooking Appliances	IS 19014:2022 (BEE Schedule 34)
899.		Performance Tests	CI 3.2 (BEE Schedule 34)
900.	Induction Hobs	Power Measurement	CI 3.2.1 (BEE Schedule 34)
901.		Energy Consumption (A) Ecw B) Ehob	CI 3.2.2 (BEE Schedule 34)
902.		Heating Up Time	CI 3.2.3 (BEE Schedule 34)



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	Domestic Electrical Appliances		
903.		Standby Power	CI 3.2.4 (BEE Schedule 34)
904.		Thermal Efficiency	CI 3.2.5 (BEE Schedule 34)
905.		Performance Testing Parameters	CI 4.2 (BEE Schedule 34)
906.		Energy Consumption (E _{cw} , E _{hob})	CI 4.2.1 (BEE Schedule 34)
907.		Thermal Efficiency	CI 4.2.2 (BEE Schedule 34)
908.		Heating Up Time	CI 4.2.3 (BEE Schedule 34)
909.	Induction Hobs	Standby Power	CI 4.2.4 (BEE Schedule 34)
910.		Household Electrical Appliances - Measurement of Standby Power	IEC 62301:2011(BEE Schedule 34)
911.	Bottled Water Dispensers Specification	General	Cl.6.1 of IS 17681: 2022+A1
912.		Sound Pressure Level	Cl.7 of 2022+A1 IS 17681: 2022+A1
913.		Cooling Capacity Test	Cl.10.1 of IS 17681: 2022+A1

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Electrical Testing			
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	Domestic Electrical Appliances		
914.		Cooling Capacity Test- Floor Standing with Refrigeration	Cl.10.1.2 of IS 17681: 2022+A1
915.		Maximum Operating Condition Test	Cl.10.2 of IS 17681: 2022+A1
916.		Heating Capacity Test	Cl.10.3 of IS 17681: 2022+A1
917.		Annual Energy Consumption Test	Cl.10.4 of IS 17681: 2022+A1
918.		Bottled Water Dispensers Specification	Cl.10.5 of IS 17681: 2022+A1
919.		Freeze Up Test	Cl.10.6 of IS 17681: 2022+A1
920.		Door Opening and Closing Test	Cl.10.7 of IS 17681:2022+A1
921.	Bottled Water Dispensers Specification	Door Seal Test	Cl.10.8 of IS 17681:2022+A1
922.		Pull Down Test	Cl.10.9 of IS 17681:2022+A1
923.	Portable Electric Indoor Air Purifier Specification	Principle of Purification	Cl. 4 of IS 17531: 2021
924.		Performance Requirements	Cl. 5 of IS 17531: 2021
925.		Test Pollutants	Cl. 6 of IS 17531: 2021
926.		Apparatus	Cl. 7 of IS 17531: 2021

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Accreditation Standard: ISO/IEC 17025:2017

Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
927.		Grading	Cl. 8 of IS 17531: 2021
928.		Packing	Cl. 9 of IS 17531: 2021
929.		Marking	Cl. 10 of IS 17531: 2021
930.		Manufacturer's guarantee	Cl. 11 of IS 17531: 2021
931.		Limits of Measurability	ANNEX A of IS 17531: 2021
932.		Determination of clean air delivery Rate (cadr)	ANNEX B of IS 17531: 2021

Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Environmental Test Facility		
1.		Cold (Low Temperature)	Test Number 1, QM 333: 2010
2.	All Electrical Products	Low Temperature	Test Number 20, JSS 55555: 2020
3.		Damp Heat Steady State	Test Number 5, QM 333: 2010

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Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Environmental Test Facility		
4.		Tropical Exposure/Damp Heat Cyclic	Test Number 3, QM 333: 2010
5.		Damp Heat	Test Number 10, JSS 55555: 2020
6.		Dry Heat (High Temperature)	Test Number 2, QM 333: 2010
7.		High Temperature	Test Number 17, JSS 55555: 2020
8.		Dust	Test Number 14, JSS 55555: 2020
9.		Glow Wire Test	IEC 60695-2-10: 2021
10.		Glow Wire Test	IS 11000-2-1: 2021
11.		Protection Against External Mechanical Impacts (IK Test)	IEC 62262: 2021
12.		Degree of Protection Provided by Enclosures Ingress of Solid Foreign Objects First Characteristic Numeral 1(IP1X)	IS/IEC 60529: 2001 +RA 2019
13.	All Electrical Products	Degree of Protection Provided by Enclosures Ingress of Solid Foreign Objects First Characteristic Numeral 2 (IP2X)	IS/IEC 60529: 2001 +RA 2019

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Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Environmental Test Facility		
14.		Degree of Protection Provided by Enclosures Ingress of Solid Foreign Objects First Characteristic Numeral 3 (IP3X)	IS/IEC 60529: 2001 +RA 2019
15.		Degree of Protection Provided by Enclosures Ingress of Solid Foreign Objects First Characteristic Numeral 4 (IP4X)	IS/IEC 60529: 2001 +RA 2019
16.		Degree Of Protection Provided by Enclosures Ingress of Solid Foreign Objects First Characteristic Numeral 5 (IP5X)	IS/IEC 60529: 2001 +RA 2019
17.		Degree Of Protection Provided by Enclosures Ingress of Solid Foreign Objects First Characteristic Numeral 6 (IP6X)	IS/IEC 60529: 2001 +RA 2019
18.		Degree Of Protection Provided by Enclosures Ingress of Water Ingress Test Second Characteristic Numeral 1 (IPX1)	IS/IEC 60529: 2001 +RA 2019
19.	All Electrical Products	Degree of Protection Provided by Enclosures Ingress of Water	IS/IEC 60529: 2001 +RA 2019

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Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Environmental Test Facility		
		Ingress Test Second Characteristic Numeral 2 (IPX2)	
20.		Degree of Protection Provided by Enclosures Ingress of Water Ingress Test Second Characteristic Numeral 3 (IPX3)	IS/IEC 60529: 2001 +RA 2019
21.		Degree of Protection Provided by Enclosures Ingress of Water Ingress Test Second Characteristic Numeral 4 (IPX4)	IS/IEC 60529: 2001 +RA 2019
22.		Degree of Protection Provided by Enclosures Ingress of Water Ingress Test Second Characteristic Numeral 5 (IPX5)	IS/IEC 60529: 2001 +RA 2019
23.		Degree of Protection Provided by Enclosures Ingress of Water Ingress Test Second Characteristic Numeral 6 (IPX6)	IS/IEC 60529: 2001 +RA 2019
24.		Degree Of Protection Provided by Enclosures Ingress of Water Ingress Test Second Characteristic Numeral 7	IS/IEC 60529: 2001 +RA 2019

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Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Environmental Test Facility		
		(IPX7)	
25.	All Electrical Products	Degree Of Protection Provided by Enclosures Ingress of Water Ingress Test Second Characteristic Numeral 8 (IPX8)	IS/IEC 60529: 2001 +RA 2019
26.		Rapid Cyclic Temperature Changes (Thermal Shock)	Test Number 4, QM 333: 2010
27.		Test Na: Rapid Change of Temperature Test Nb: Change of Temperature with Specified Rate of Change	IEC 60068-2-14: 2023
28.		Thermal Shock Test	Test Number 22, JSS:55555: 2020
29.		Thermal Shock Test	IS: 9000 (Part 14/Sec 1 To 3): 2021
30.		Ball Pressure Test (Resistance to Heat Test)	IEC 60695-10-2: 2014
31.		Drip Proof	Test No 11 JSS 55555:2020



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Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Environmental Test Facility		
32.	All Electrical Products	Drop Test	Test Number 13, JSS:55555: 2020
33.		Needle Flame Test	IEC 60695-11-5: 2016
34.		Needle Flame Test	IS 11000-2-2: 2008
35.		Tropical Exposure	Test Number 27, JSS:55555: 2020
36.		Hygroscopic Test	IEC 60322: 2001
37.		Functional Random Vibration Test Conditions	CL.8 IEC 61373:2010
38.		Simulated Long Life at Increase Random Vibration Levels	CL.9 IEC 61373:2010
39.		Visual Inspection, Performance Test, Low Temperature Storage Test, Cold Start Test, Damp Heat Test Cyclic, Dry Heat Test, Vibration, Shock and Bump Test, Insulation Test, Water tightness Test	CI 12 (12.2.1,12.2.2, 12.2.4, 12.2.5, 12.2.6, 12.2.10, 12.2.11, 12.2.12 ,12.2.13, 12.2.14,12.2.15) IEC 60571:2012
40.		Salt Mist Test	IEC 60068-2-52:2017

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Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Environmental Test Facility		
41.		Salt Spray	ISO 16750-4:2023
42.		Damp Heat (Cyclic) Test	IS 9000: Part 5: Sec 1 AND 2: 1981)
43.		Damp Heat, Cyclic	IEC 60068-2-30:2025
44.		High Temperature Test	MIL-STD-810(G):2008
45.	All Electrical Products	Humidity	MIL-STD-810(G):2008
46.		Salt Mist	IEC 60068-2-11:2021
47.		Salt Spray (Fog) Test	ASTM B117:2019
48.		Assignment Of Ratings	ISO 10289:1999
49.		Corrosion (Acid), Corrosion (Alkaline), Corrosion (Salt/Salt Fog)	JSS 55555: Test No.7,8, & 9:2020
50.		Temperature Shock	MIL-STD-810(G):2008
51.		Vibration Test	MIL-STD-810(G):2008
52.		Salt Fog Test	MIL-STD-810(G):2008

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Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Environmental Test Facility		
53.		Shock Test	Test No 24 JSS 55555:2020
54.		Toppling Test	JSS 55555: Test No. 26:2020
55.		Dry Heat Test	IEC 60068-2-2:2025
56.		Damp Heat (Steady State)	IEC 60068-2-78:2025
57.	All Electrical Products	Composite Temperature/Humidity Cyclic Test	IS/IEC 60068-2-38: 2021
58.		Vibration (Sinusoidal)	IEC 60068-2-6:2007
59.		Vibration, Broadband Random and Guidance	IEC 60068-2-64:2008+AMD1: 2019
60.		Hammer Test	IEC 60068 2-75:2025
61.		Resistance To Aging, To Humidity Condition, To Ingress Of Solid Objects and to Harmful Ingress of Water	IS 14772:2020 (Cl:13)



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Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Cells And Batteries		
1.	Lead-Acid Storage Batteries for Motor Vehicles with Light Weight and High Cranking Performance	Material And Constructions and Workmanship	Cl. 4 IS 14257: 2019
2.		Capacities, Dimensions, Mass and Layout	Cl. 6 IS 14257: 2019
3.		Charging	Cl. 7 IS 14257: 2019
4.		Physical Examination	Cl. 9.3.1 IS 14257: 2019
5.		Dimensions And Layout	Cl. 9.3.2 IS 14257: 2019
6.		Capacity (5 H Rate) Test	Cl. 9.3.4 IS 14257: 2019
7.		Temperature Correction Test	Cl. 9.3.4.1 IS 14257: 2019
8.		High-Rate Discharge Test	Cl. 9.3.5 IS 14257: 2019
9.		Cold Cranking Performance Test (CCA)	Cl. 9.3.6 IS 14257: 2019
10.		Reserve Capacity Test	Cl. 9.3.7 IS 14257: 2019

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Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Cells And Batteries		
11.		Charge Acceptance Test	CI. 9.3.8 IS 14257: 2019
12.		Water Consumption Test	CI. 9.3.9 IS 14257: 2019
13.		Charge Retention Test	CI. 9.3.10 IS 14257: 2019
14.		Light Load Endurance (LLE) Test	CI. 9.3.11 IS 14257: 2019
15.	Lead-Acid Storage Batteries for Motor Vehicles with Light Weight and High Cranking Performance	Life Cycle Test	CI. 9.3.12 IS 14257: 2019
16.		Overcharge Endurance Test	CI. 9.3.13 IS 14257: 2019
17.		Electrolyte Retention Test	CI. 9.3.14 IS 14257: 2019
18.		Vibration Resistance Test	CI. 9.3.15 IS 14257: 2019
19.		Strength of Terminal Test	CI. 9.3.16 IS 14257: 2019
20.		Robustness To Fastening Test	CI. 9.3.17 IS 14257: 2019
21.		Test For Dry- Charged Battery	CI. 9.3.18 IS 14257: 2019
22.		Robustness of Handles Test	CI. B-1.1 IS 14257: 2019



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Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Cells And Batteries		
23.		Residual Capacity Test	Cl. B-1.2 IS 14257: 2019
24.	Stationary Cells and Batteries, Lead-Acid Type (With Tubular Positive Plates)	Rating and Designation	Cl. 4 IS 1651: 2013
25.		Capacity and Dimensions	Cl. 7 IS 1651: 2013
26.		Marking and Packing	Cl. 8 IS 1651: 2013
27.		First Charge	Cl. 11.3 IS 1651: 2013
28.		Specific Gravity of Electrolyte	Cl. 11.4 IS 1651: 2013
29.	Stationary Cells and Batteries, Lead-Acid Type (With Tubular Positive Plates)	Temperature Factors of Capacity	Cl. 11.6 IS 1651: 2013
30.		Verification of Marking and Packing	Cl. 12.3 IS 1651: 2013
31.		Verification of Dimension	Cl. 12.4 IS 1651: 2013
32.		Test For Capacity	Cl. 12.5 IS 1651: 2013
33.		Alternative Rates of Test Discharges	Cl. 12.6 IS 1651: 2013
34.		Loss of Capacity on Storage	Cl. 12.7 IS 1651: 2013
35.		Endurance Test	Cl. 12.8 IS 1651: 2013

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Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Cells And Batteries		
36.		Ampere-Hour And Watt-Hour Efficiency Test	Cl.12.9 IS 1651: 2013
37.		Test For Voltage During Discharge	Cl. 12.10 IS 1651: 2013
38.		Water Loss Test	Cl. 12.11 IS 1651: 2013
39.		Test of Suitability of Floating Battery Operation	Cl. 12.12 IS 1651: 2013
40.		Short Circuit Current and Internal Resistance Test	Cl. 12.13 IS 1651: 2013
41.	Stationary Lead Acid Batteries- Part 11: Vented Type General Requirements and Methods of Test	Mechanical Strength	Cl. 4 IEC 60896-11:2002
42.		Electrolyte Levels	Cl. 5 IEC 60896-11:2002
43.		Electrolyte Reserve	Cl. 6 IEC 60896-11:2002
44.		Capacity Test	Cl. 7, 14 IEC 60896-11:2002
45.		Suitability For Floating Battery Operation	Cl. 8 IEC 60896-11:2002



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Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Cells And Batteries		
46.		Stationary Batteries Are Mainly Used in Floating Operation	Cl. 8.1 IEC 60896-11:2002
47.		Batteries Operating in Continuous Floating Operation	Cl. 8.2 IEC 60896-11:2002
48.		Endurance	Cl. 9 IEC 60896-11:2002
49.		Endurance In Cycles	Cl. 9.1 IEC 60896-11:2002
50.		Endurance In Overcharge	Cl. 9.2 IEC 60896-11:2002
51.		Charge Retention	Cl. 10 IEC 60896-11:2002
52.		Short-Circuit Current and Internal Resistance	Cl. 11 IEC 60896-11:2002
53.		Accuracy of Measuring Instruments	Cl. 12 IEC 60896-11:2002
54.	Stationary Lead Acid Batteries- Part 11: Vented Type General Requirements and Methods of Test	Preparation of Cells and Batteries for Testing	Cl. 13 IEC 60896-11:2002
55.		Capacity Test	Cl. 14 IEC 60896-11:2002
56.		Test Of Suitability for Floating Battery Operation	Cl. 15 IEC 60896-11:2002

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Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Cells And Batteries		
57.		Endurance In Discharge-Charge Cycles	Cl. 16 IEC 60896-11:2002
58.		Endurance In Overcharge	Cl. 17 IEC 60896-11:2002
59.		Charge Retention Test	Cl. 18 IEC 60896-11:2002
60.		Short-Circuit Current and Internal Resistance Determination	Cl. 19 IEC 60896-11:2002
61.		Cell And Battery Marking	Cl. 20 IEC 60896-11:2002
62.		Marking Of Polarity	Cl. 24 IEC 60896-11:2002
63.	Stationary Lead- Acid Batteries (With Tubular Positive Plates) In Monobloc Container	Acceptance Tests	Cl. 3.3 IS 13369: 19992 A1: 2000+A2: 2003+A3: 2014
64.	Stationary Lead- Acid Batteries (With Tubular Positive Plates) In Monobloc Container	Capacity and Dimensions	Cl. 7 IS 13369: 1992 A1: 2000+A2: 2003+A3: 2014
65.		Marking and Packing	Cl. 8 IS 13369: 19992 A1: 2000+A2: 2003+A3: 2014
66.		Temperature for Testing	Cl. 10.1 IS 13369: 1992 A1: 2000+A2: 2003+A3: 2014

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Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Cells And Batteries		
67.		First Charge	Cl. 10.3 IS 13369: 1992 A1: 2000+A2: 2003+A3: 2014
68.		Specific Gravity of Electrolyte	Cl. 10.4 IS 13369: 1992 A1: 2000+A2: 2003+A3: 2014
69.		Temperature Factors of Capacity	Cl. 10.5 IS 13369: 1992 A1: 2000+A2: 2003+A3: 2014
70.		Acceptance Tests	Cl. 11.1.2 IS 13369: 1992 A1: 2000+A2: 2003+A3: 2014
71.		Verification of Constructional Requirements	Cl. 11.2 IS 13369: 1992 A1: 2000+A2: 2003+A3: 2014
72.		Verification of Marking and Packing	Cl. 11.3 IS 13369: 1992 A1: 2000+A2: 2003+A3: 2014
73.		Verification of Dimensions	Cl. 11.4 IS 13369: 1992 A1: 2000+A2: 2003+A3: 2014
74.		Test For Capacity	Cl. 11.5 IS 13369: 1992 A1: 2000+A2: 2003+A3: 2014
75.		Loss Of Capacity on Storage	Cl. 11.6 IS 13369: 1992 A1: 2000+A2: 2003+A3: 2014



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Accreditation Standard: ISO/IEC 17025:2017

Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Cells And Batteries		
76.	Stationary Lead- Acid Batteries (With Tubular Positive Plates) In Monobloc Container	Endurance Test	Cl. 11.7 IS 13369: 1992 A1: 2000+A2: 2003+A3: 2014
77.		Ampere-Hour And Watt-Hour Efficiency Test	Cl. 11.8 IS 13369: 1992 A1: 2000+A2: 2003+A3: 2014
78.		Ampere-Hour Efficiency Tests	Cl. 11.8.1 IS 13369: 1992 A1: 2000+A2: 2003+A3: 2014
79.		Watt-Hour Efficiency Tests	Cl. 11.8.2 IS 13369: 1992 A1: 2000+A2: 2003+A3: 2014
80.	Stationary Lead- Acid Batteries- Part 21: Valve Regulated Types- Methods of Test	Functional Characteristics	CL 4 IEC 60896-21: 2004
81.		Accuracy Of Measuring Instruments	CL 5.1 IEC 60896-21: 2004
82.		Gas Emission	CL 6.1 IEC 60896-21: 2004
83.		High Current Tolerance	CL 6.2 IEC 60896-21: 2004
84.		Short-Circuit Current and D.C. Internal Resistance	CL 6.3 IEC 60896-21:2004
85.		Protection Against Internal Ignition from External Spark Sources	CL 6.4 IEC 60896-21:2004

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Accreditation Standard: ISO/IEC 17025:2017

Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Cells And Batteries		
86.	Stationary Lead- Acid Batteries- Part 21: Valve Regulated Types- Methods of Test	Protection Against Ground Short Propensity	CL 6.5 IEC 60896-21:2004
87.		Content And Durability of Required Markings	CL 6.6 IEC 60896-21:2004
88.		Material Identification	CL 6.7 IEC 60896-21:2004
89.		Valve Operation	CL 6.8 IEC 60896-21:2004
90.		Intercell Connector Performance	CL 6.10 IEC 60896-21:2004
91.		Discharge Capacity	CL 6.11 IEC 60896-21:2004
92.		Charge Retention During Storage	CL 6.12 IEC 60896-21:2004
93.		Float Service with Daily Discharges	CL 6.13 IEC 60896-21:2004
94.		Recharge Behaviour	CL 6.14 IEC 60896-21:2004
95.		Service Life at an Operating Temperature Of 40°C	CL 6.15 IEC 60896-21:2004



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Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Cells And Batteries		
96.		Impact of a Stress Temperature Of 55°C Or 60°C	CL 6.16 IEC 60896-21:2004
97.		Abusive over- Discharge	CL 6.17 IEC 60896-21:2004
98.		Thermal Runway Sensitivity	CL 6.18 IEC 60896-21:2004
99.	Stationary Lead- Acid Batteries- Part 21: Valve Regulated Types- Methods of Test	Low Temperature Sensitivity	CL 6.19 IEC 60896-21:2004
100.		Dimensional Stability At Elevated Internal Pressure and Temperatures	CL 6.20 IEC 60896-21:2004
101.		Stability Against Mechanical Abuse Units During Installation	CL 6.21 IEC 60896-21:2004
102.		Durability Requirements	CL 4.4 IEC 60896-22:2004
103.	Stationary Lead- Acid Batteries- Part 22: Valve Regulated Types- Requirements	Requirement for Gas Emission Information	CL 6.1 IEC 60896-22:2004



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Accreditation Standard: ISO/IEC 17025:2017

Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Cells And Batteries		
104.	Stationary Lead- Acid Batteries- Part 22: Valve Regulated Types- Requirements	Requirement for High Current Tolerance	CL 6.2 IEC 60896-22:2004
105.		Short-Circuit Current and D.C. Internal Resistance	CL 6.3 IEC 60896-22:2004
106.		Protection Against Internal Ignition from External Spark Sources	CL 6.4 IEC 60896-22:2004
107.		Protection Against Ground Short Propensity	CL 6.5 IEC 60896-22:2004
108.		Content And Durability of Required Markings	CL 6.6 IEC 60896-22:2004
109.		Flammability Rating of The Material	CL 6.9 IEC 60896-22:2004
110.		Discharge Capacity Performance	CL 6.11 IEC 60896-22:2004
111.		Charge Retention During Storage	CL 6.12 IEC 60896-22:2004
112.		Float Service with Daily Discharges	CL 6.13 IEC 60896-22:2004

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Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Cells And Batteries		
113.		Recharge Behaviour	CL 6.14 IEC 60896-22:2004
114.		Service Life at an Operating Temperature of 40°C	CL 6.15 IEC 60896-22:2004
115.		Impact of a Stress Temperature 55°C or 60°C	CL 6.16 IEC 60896-22:2004
116.	Stationary Lead- Acid Batteries- Part 22: Valve Regulated Types- Requirements	Impact of Abusive Over- Discharges	CL 6.17 IEC 60896-22:2004
117.		Thermal Runway Sensitivity	CL 6.18 IEC 60896-22:2004
118.		Impact of Low Temperature Service on Capacity	CL 6.19 IEC 60896-22:2004
119.		Dimensional Stability at Elevated Internal Pressures and Temperatures	CL 6.20 IEC 60896-22:2004
120.		Stability against Mechanical Abuse of Units During Installation	CL 6.21 IEC 60896-22:2004
121.	Stationary Valve Regulated Lead Acid Batteries	Rating and Designation	CL 7 IS 15549: 2005 A1:2012+A2: 2014+A3: 2018
122.		Markings on Cell	CL 8 IS 15549: 2005 A1:2012+A2: 2014+A3: 2018

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Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Cells And Batteries		
123.	Stationary Valve Regulated Lead Acid Batteries	Test for C 10 Capacity	CL 12.1 IS 15549: 2005 A1:2012+A2: 2014+A3: 2018
124.		Test for C1 Capacity	CL 12.2 IS 15549: 2005 A1:2012+A2: 2014+A3: 2018
125.		Capacity Test at Other Discharge Rates	CL 12.3 IS 15549: 2005 A1:2012+A2: 2014+A3: 2018
126.		Ampere Hour Efficiency and Watt Hour Efficiency	CL 12.4 & 12.5 IS 15549: 2005 A1:2012+A2: 2014+A3: 2018
127.		Watt Hour Efficiency	CL 12.5 IS 15549: 2005 A1:2012+A2: 2014+A3: 2018
128.		Test For Retention Of Charge	CL 12.6 IS 15549: 2005 A1:2012+A2: 2014+A3: 2018
129.		Test On Separators (Ref to Fig. 1 And Annex B For Test Set Up and Procedure)	CL 12.7 IS 15549: 2005 A1:2012+A2: 2014+A3: 2018
130.		Test For Vent Seal Operation	CL 12.8 IS 15549: 2005 A1:2012+A2: 2014+A3: 2018
131.		Test For Oxygen Recombination Efficiency (Ref to Fig. 2 and Annex C For Test Set Up)	CL 12.9 IS 15549: 2005 A1:2012+A2: 2014+A3: 2018
132.		Endurance Life Cycle Test	CL 12.10 IS 15549: 2005 A1:2012+A2: 2014+A3: 2018

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Accreditation Standard: ISO/IEC 17025:2017

Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Cells And Batteries		
133.	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes —	Parameter Measurement	CI 4 IS 16048 (Part 1): 2021
134.		Tolerances	
135.	Secondary Sealed Cells and Batteries for Portable Applications Part 1 Nickel-Cadmium	Cell And Battery Designation	CI. 5 IS 16048 (Part 1): 2021
136.		Cell And Battery Designation and Marking	CI. 5.1 IS 16048 (Part 1): 2021
137.		Marking	CL 5.3 IS 16048 (Part 1): 2021
138.		Electrical Tests	CI. 7 IS 16048 (Part 1): 2021
139.	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes - Secondary Sealed Cells and Batteries for Portable Applications Part 1 Nickel-Cadmium	Charging Procedure for Test Purposes	CL 7.2 IS 16048 (Part 1): 2021
140.		Charging Procedure for Cell	CI. 7.2.1 IS 16048 (Part 1): 2021
141.		Charging Procedure for Battery	CI.7.2.2 IS 16048 (Part 1): 2021
142.		Discharge Performance	CI 7.3 IS 16048 (Part 1): 2021
143.		Discharge Performance at 20 °C	CI 7.3.2 IS 16048 (Part 1): 2021
		Discharge Performance for Cells at 20 °C	CI 7.3.2.2 IS 16048 (Part 1): 2021



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Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Cells And Batteries		
144.		Discharge Performance for Batteries at 20 °C	CI. 7.3.2.3 IS 16048 (Part 1): 2021
145.		Discharge Performance at -18 °C	CI 7.3.3 IS 16048 (Part 1): 2021
146.		Discharge Performance for Rapid Charge Cells (R Cells)	CI 7.3.4 IS 16048 (Part 1): 2021
147.		Charge (Capacity) Retention	CI 7.4 IS 16048 (Part 1): 2021
148.		Endurance	CL 7.5 IS 16048 (Part 1): 2021
149.		Endurance In Cycles	CI 7.5.1 IS 16048 (Part 1): 2021
150.	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes — Secondary Sealed Cells and Batteries for Portable Applications Part 1 Nickel-Cadmium	Cylindrical Cells (Accelerated Test Procedures)	CI 7.5.1.4 IS 16048 (Part 1): 2021
151.		Permanent Charge Endurance	CI 7.5.2 IS 16048 (Part1): 2021
152.		Overcharge	CI 7.7 IS 16048 (Part1): 2021
153.		Safety Device Operation	CI 7.8 IS 16048 (Part1): 2021
154.		Button Cells or Batteries Storage, Small Prismatic Cells or Batteries	CI 7.9 IS 16048 (Part1): 2021



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Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Cells And Batteries		
		Storage, Cylindrical Cells or Batteries Storage	
155.		Charge Acceptance At +55 °C For LT, MT or HT Cylindrical Cells	CI 7.10 IS 16048 (Part1): 2021
156.		Internal Resistance	CI 7.12 IS 16048 (Part1): 2021
157.		Measurement of the Internal AC Resistance	CI 7.12.2 IS 16048 (Part1): 2021
158.		Measurement of the Internal DC Resistance	CI 7.12.3 IS 16048 (Part1): 2021
159.		Cell And Battery Designation and Marking	CI 5 IEC 61951-1:2017+A1:2023
160.	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes – Secondary Sealed Cells and Batteries for Portable Applications – Part 1: Nickel-Cadmium	Marking	CI 5.3 IEC 61951-1:2017+A1:2023
161.		Dimensions	CI 6 IEC 61951-1:2017+A1:2023
162.		Charging Procedure for Test Purposes	CI 7.2 IEC 61951-1:2017+A1:2023
163.		Charging Procedure for Cell	7.2.1 IEC 61951-1:2017+A1:2023
164.		Charging Procedure for Battery	CI 7.2.2 IEC 61951-1:2017+A1:2023

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Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Cells And Batteries		
165.	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes – Secondary Sealed Cells and Batteries for Portable Applications – Part 1: Nickel-Cadmium	Discharge Performance	CL 7.3 IEC 61951-1:2017+A1:2023
166.		Discharge Performance At 20 °C	CI 7.3.2 IEC 61951-1:2017+A1:2023
167.		Discharge Performance for Batteries At 20 °C	CI 7.3.2.3 IEC 61951-1:2017+A1:2023
168.		Discharge Performance At (-18 °C)	CL 7.3.3 IEC 61951-1:2017+A1:2023
169.		Discharge Performance for Rapid Charge Cells (R Cells)	CI 7.3.4 IEC 61951-1:2017+A1:2023
170.		Charge (Capacity) Retention	CI 7.4 IEC 61951-1:2017+A1:2023
171.		Endurance	CI 7.5 IEC 61951-1:2017+A1:2023
172.	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes –	Endurance In Cycles	CI 7.5.1 IEC 61951-1:2017+A1:2023
173.		Cylindrical Cells (Accelerated Test Procedures)	CI 7.5.1.4 IEC 61951-1:2017+A1:2023
174.		Permanent Charge Endurance	CI 7.5.2 IEC 61951-1:2017+A1:2023
175.	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes –	Charge Acceptance at Constant Voltage	CI 7.6 IEC 61951-1:2017+A1:2023

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Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Cells And Batteries		
176.	Secondary Sealed Cells and Batteries for Portable	Overcharge	CI 7.7 IEC 61951-1: 2017+A1:2023
177.	Applications – Part 1: Nickel-Cadmium	Charge Acceptance At +55 °C For LT, MT or HT Cylindrical Cells	CI 7.10 IEC 61951-1:2017+A1:2023
178.		Internal Resistance	CL 7.12 IEC 61951-1:2017+A1:2023
179.		Measurement of the Internal AC Resistance	CI. 7.12.1 IEC 61951-1:2017+A1:2023
180.		Measurement of the Internal DC Resistance	CI 7.12.2 IEC 61951-1:2017+A1:2023
181.	Electrically Propelled Road Vehicles- Dimensions and Designation of Secondary Lithium-Ion Cells	Shape of Construction and Constituent Parts of Secondary Lithium-Ion Cell	CI 4 IS 16827: 2018/(ISO/IEC PAS 16898: 2012)
182.		Shape of Construction	CI 4.1 IS 16827: 2018/ ISO/IEC PAS 16898: 2012
183.		Designation of Cell	CI 5 IS 16827: 2018/ ISO/IEC PAS 16898: 2012
184.		Dimensions for The Selected Cell Design	CI 7 IS 16827: 2018/ ISO/IEC PAS 16898: 2012
185.	Household and Commercial Batteries	Short-Circuit	CI 9 UL 2054: 2022
186.		Abnormal Charging	CI 10 UL 2054: 2022

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Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Cells And Batteries		
187.		Abusive Overcharge	CI 11 UL 2054: 2022
188.		Forced Discharge	CI 12 UL 2054: 2022
189.		Limited Power Source	CI 13 UL 2054: 2022
190.		Battery Pack Component Temperature Test	CI 13A UL 2054: 2022
191.		Battery Pack Surface Temp.	CI 13B UL 2054: 2022
192.		Crush	CI 14 UL 2054: 2022
193.		Impact	CI 15 UL 2054: 2022
194.		Shock Test	CI 16 UL 2054: 2022
195.		Vibration Test	CI 17 UL 2054: 2022
196.		Battery Enclosure Tests	CI 18 UL 2054: 2022
197.		250 N Steady Force	CI 19 UL 2054: 2022
198.		Mold Stress Relief	CI 20 UL 2054: 2022



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Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Cells And Batteries		
199.	Household and Commercial Batteries	Drop Impact	CI 21 UL 2054: 2022
200.		Heating	CI 23 UL 2054: 2022
201.		Temperature Cycling	CI 24 UL 2054: 2022
202.	Lithium Batteries	External Short Circuit	CI 10 Edition 6 UL 1642: 2022
203.		Abnormal Charging	CI 11 Edition 6 UL 1642: 2022
204.		Forced Discharge	CI 12 Edition 6 UL 1642: 2022
205.		Crush	CI 13 Edition 6 UL 1642: 2022
206.		Impact	CI 14 Edition 6 UL 1642: 2022
207.		Shock	CI 15 Edition 6 UL 1642: 2022
208.		Vibration	CI 16 Edition 6 UL 1642: 2022
209.		Heating	CI 17 Edition 6 UL 1642: 2022
210.		Temperature Cycling	CI 18 Edition 6 UL 1642: 2022



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Accreditation Standard: ISO/IEC 17025:2017

Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Cells And Batteries		
211.		Low Pressure (Altitude Simulation)	CI 19 Edition 6 UL 1642: 2022
212.	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolyte Portable Sealed Secondary Cells and Batteries Made from them, for use in Portable Application	Altitude Simulation	CI 38.3.4.1 UN 38.3 Eighth Revised Edition: 2023
213.		Thermal Test	CI 38.3.4.2 UN 38.3 Eighth Revised Edition: 2023
214.		Vibration Test	CI 38.3.4.3 UN 38.3 Eighth Revised Edition: 2023
215.		Shock Test	CI 38.3.4.4 UN 38.3 Eighth Revised Edition: 2023
216.		External Short Circuit Test	CI 38.3.4.5 UN 38.3 Eighth Revised Edition: 2023
217.		Impact/Crush Test	CI 38.3.4.6 UN 38.3 Eighth Revised Edition: 2023
218.		Overcharge Test	CI 38.3.4.7 UN 38.3 Eighth Revised Edition: 2023
219.		Force Discharge Test	CI 38.3.4.8 UN 38.3 Eighth Revised Edition: 2023
220.	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid	Insulation And Wiring	CI 5.2 IS 16805/ IEC 62619: 2018
221.		Temperature/Voltage/Current Management	CI 5.4 IS 16805/ IEC 62619: 2018

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Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Cells And Batteries		
222.	Electrolytes- Safety Requirements for Lithium Cells and Batteries, For use in Industrial Applications	Terminal Contacts of the Battery Pack and/or Battery System	CI 5.5 IS 16805/ IEC 62619: 2018
223.		Assembly of Cells, Modules, or Battery Packs into Battery System	CI 5.6 IS 16805/ IEC 62619: 2018
224.		General	CI 5.6.1 IS 16805/ IEC 62619: 2018
225.	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes- Safety Requirements for Lithium Cells and Batteries, For use in Industrial Applications	Battery System Design	CI 5.6.2 IS 16805/ IEC 62619: 2018
226.		Specific Requirements and Tests	CI 7 IS 16805/ IEC 62619: 2018
227.		Charging Procedures For Test Purposes	CI 7.1 IS 16805/ IEC 62619: 2018
228.		Reasonably Foreseeable Misuse	CI 7.2 IS 16805/ IEC 62619: 2018
229.		External Short- Circuit Test (Cell or Cell Block)	CI 7.2.1 IS 16805/ IEC 62619: 2018
230.		Impact Test (Cell or Cell Block)	CI 7.2.2 IS 16805/ IEC 62619: 2018
231.		Drop Test (Cell or Cell Block, and Battery System)	CI 7.2.3 IS 16805/ IEC 62619: 2018
232.		Whole Drop Test (Cell or Cell Block and Battery System)	CI 7.2.3.2 IS 16805/ IEC 62619: 2018

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Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Cells And Batteries		
233.		Edge And Corner Drop Test (Cell or Cell Block, and Battery System)	CI 7.2.3.3 IS 16805/ IEC 62619: 2018
234.		Thermal Abuse Test (Cell or Cell Block)	CI 7.2.4 IS 16805/ IEC 62619: 2018
235.		Overcharge Test (Cell or Cell Block)	CI 7.2.5 IS 16805/ IEC 62619: 2018
236.		Forced Discharge Test (Cell or Cell Block)	CI 7.2.6 IS 16805/ IEC 62619: 2018
237.	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes- Safety Requirements for Lithium Cells and Batteries, For use in Industrial Applications	Internal Short Circuit Test (Cell)	CI 7.3.2 IS 16805/ IEC 62619: 2018
238.		Propagation Test (Battery System)	CI 7.3.3 IS 16805/ IEC 62619: 2018
239.		Battery System Safety (Considering Functional Safety)	CI 8 IS 16805/ IEC 62619: 2018
240.		General Requirements	CI 8.1 IS 16805/ IEC 62619: 2018
241.		Battery Management System (or Battery Management Unit)	CI 8.2 IS 16805/ IEC 62619: 2018
242.		Requirements for the BMS	CI 8.2.1 IS 16805/ IEC 62619: 2018
243.		Overcharge Control of Voltage (Battery System)	CI 8.2.2 IS 16805/ IEC 62619: 2018

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Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Cells And Batteries		
244.	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes- Secondary Sealed Cells and Batteries for Portable Applications Part 2 Nickel-Metal Hydride	Overcharge Control of Current (Battery System)	CI 8.2.3 IS 16805/ IEC 62619: 2018
245.		Overheating Control (Battery System)	CI 8.2.4 IS 16805/ IEC 62619: 2018
246.		Information For Safety	CI 9 IS 16805/ IEC 62619: 2018
247.		Marking And Designation	CI 10 IS 16805/ IEC 62619: 2018
248.		Parameter Measurement Tolerances	CI 4 IS 16048 (Part 2): 2021
249.		Cell And Battery Designation and Marking	CI 5 IS 16048 (Part 2): 2021
250.		Marking	CI 5.3 IS 16048 (Part 2): 2021
251.		Electrical Tests	CI 7 IS 16048 (Part 2): 2021
252.		Charging Procedure for Test Purposes	CI 7.2 IS 16048 (Part 2): 2021
253.		Charging Procedure for Cell	CI 7.2.1 IS 16048 (Part 2): 2021
254.		Charging Procedure for Battery	CI 7.2.2 IS 16048 (Part 2): 2021

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Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Cells And Batteries		
255.		Discharge Performance	CI 7.3 IS 16048 (Part 2): 2021
256.		Discharge Performance at 20 °C	CI 7.3.2 IS 16048 (Part 2): 2021
257.		Discharge Performance for Cell at 20 °C	CI. 7.3.2.2 IS 16048 (Part 2): 2021
258.		Discharge Performance for Batteries At 20 °C	CI 7.3.2.3 IS 16048 (Part 2): 2021
259.		Discharge Performance At 0°C	CI 7.3.3 IS 16048 (Part 2): 2021
260.		Discharge Performance for Rapid Charge Cells (R Cells)	CI. 7.3.4 IS 16048 (Part 2): 2021
261.	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes- Secondary Sealed Cells and Batteries for Portable Applications Part 2 Nickel-Metal Hydride	Charge (Capacity) Retention	CI 7.4 IS 16048 (Part 2): 2021
262.		Endurance	CI 7.5 IS 16048 (Part 2): 2021
263.		Charge Acceptance at Constant Voltage	CI 7.6 IS 16048 (Part 2): 2021
264.		Overcharge	CI 7.7 IS 16048 (Part 2): 2021
265.		Surface Temperature Limitation Device Operation (For S Cell Only)	CI 7.9 IS 16048 (Part 2): 2021
266.		Storage	CI 7.9 IS 16048 (Part 2): 2021

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Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Cells And Batteries		
267.		Charge Acceptance at +55 °C For LT, MT or HT Cylindrical Cells	CI 7.11 IS 16048 (Part 2): 2021
268.		Trickle Charge Acceptance for JT Cylindrical Cells	CI 7.12 IS 16048 (Part 2): 2021
269.		Internal Resistance	CI. 7.13 IS 16048 (Part 2): 2021
270.		Measurement of the Internal AC Resistance	CI 7.13.2 IS 16048 (Part 2): 2021
271.		Measurement of the Internal DC Resistance	CI 7.13.3 IS 16048 (Part 2): 2021
272.		Mechanical Tests	CI 8 IS 16048 (Part 2): 2021
273.		Safety Requirements	CI 9 IS 16048 (Part 2): 2021
274.	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes- Secondary Sealed Cells and Batteries for Portable Applications Part 2 Nickel-Metal Hydride	Type Approval and Batch Acceptance	CI 10 IS 16048 (Part 2): 2021
275.	Secondary Cells and Batteries Containing Alkaline or Other	Parameter Measurement and Tolerances	CI 4 IS 16822 / IEC 62620: 2019

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Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Cells And Batteries		
276.	Non-Acid Electrolytes- Secondary Lithium Cells and Batteries for use In Industrial Applications	Marking And Designation	CI 5 IS 16822 / IEC 62620: 2019
277.		Marking	CI 5.1 IS 16822 / IEC 62620: 2019
278.		Cell Designation	CI 5.2 IS 16822 / IEC 62620: 2019
279.		Battery Designation	CI 5.3 IS 16822 / IEC 62620: 2019
280.		Electrical Tests	CI 6 IS 16822 / IEC 62620 : 2019
281.		General	CI 6.1 IS 16822 / IEC 62620 : 2019
282.		Charging Procedure For Test Purposes	CI 6.2 IS 16822 / IEC 62620 : 2019
283.		Discharge Performance	CI 6.3 IS 16822 / IEC 62620 : 2019
284.		Discharge Performance At +25°C	CI 6.3.1 IS 16822 / IEC 62620 : 2019
285.		Discharge Performance at Low Temperature	CI 6.3.2 IS 16822 / IEC 62620: 2019
286.	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes-	High-Rate Permissible Current	CI 6.3.3 IS 16822 / IEC 62620 : 2019
287.	Secondary Lithium Cells and Batteries for use In Industrial Applications	Charge (Capacity) Retention and Recovery	CI 6.4 IS 16822 / IEC 62620 : 2019
288.		Cell And Battery Internal Resistance	CI 6.5 IS 16822 / IEC 62620 : 2019

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Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Cells And Batteries		
289.		Measurement of the Internal AC Resistance	CI 6.5.2 IS 16822 / IEC62620 : 2019
290.		Measurement of the Internal D.C. Resistance	CI 6.5.3 IS 16822 / IEC62620 : 2019
291.		Endurance	CI 6.6 IS 16822 / IEC62620 : 2019
292.		Endurance In Cycles	CI 6.6.1 IS 16822 / IEC62620 : 2019
293.		Endurance In Storage at Constant Voltage (Permanent Charge Life)	CI 6.6.2 IS 16822 / IEC62620 : 2019
294.		Type Test Conditions	CI 7 IS 16822 / IEC62620 : 2019
295.		General	CI 7.1 IS 16822 / IEC62620 : 2019
296.		Sample Size	CI 7.2 IS 16822 / IEC62620 : 2019
297.		Conditions For Type Approval	CI 7.3 IS 16822 / IEC62620 : 2019
298.	Secondary Cells and Batteries Containing Alkaline or Other	Dimensions	CI 7.3.1 IS 16822 / IEC 62620: 2019
299.	Non-Acid Electrolytes- Secondary Lithium Cells and	Electrical Tests	CI 7.3.2 IS 16822 / IEC 62620: 2019



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Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Cells And Batteries		
	Batteries for use In Industrial Applications		
300.	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes — Secondary Lithium Cells and Batteries for Portable Applications Part 3 Prismatic and Cylindrical Lithium Secondary Cells, and Batteries Made From Them	Parameter Measurement Tolerances	CL 4 IS 16047 (Part 3)/IEC 61960-3: 2018
301.		Cell Designation and Marking	CI 5 IS 16047 (Part 3)/IEC 61960-3: 2018
302.		Cell And Battery Designation	CI 5.1 IS 16047 (Part 3)/IEC 61960-3: 2018
303.		Marking	CI 5.2 IS 16047 (Part 3)/IEC 61960-3: 2018
304.		Providing The Design and Produce Requirement of Batteries	CI 5.3 IS 16047 (Part 3)/IEC 61960-3: 2018
305.		Electrical Tests	CI 7.1 IS 16047 (Part 3)/IEC 61960-3: 2018
306.		Charging Procedure for Test Purposes	CL 7.2 IS 16047 (Part 3)/IEC 61960-3: 2018
307.		Discharge Performance	CI 7.3 IS 16047 (Part 3)/IEC 61960-3: 2018
308.		Discharge Performance At 20 °C (Rated Capacity)	CI 7.3.1 IS 16047 (Part 3)/IEC 61960-3: 2018
309.	Secondary Cells and Batteries Containing Alkaline or Other	Discharge Performance At -20 °C	CI 7.3.2 IS 16047 (Part 3)/IEC 61960-3: 2018

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Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Cells And Batteries		
310.	Non-Acid Electrolytes — Secondary Lithium Cells and Batteries for Portable Applications Part 3 Prismatic and Cylindrical Lithium Secondary Cells, and Batteries Made From Them	High-Rate Discharge Performance At 20 °C	CI 7.3.3 IS 16047 (Part 3)/IEC 61960-3: 2018
311.		Charge (Capacity) Retention and Recovery	CI 7.4 IS 16047 (Part 3)/IEC 61960-3: 2018
312.		Charge (Capacity) Recovery After Long Term Storage	CI 7.5 IS 16047 (Part 3)/IEC 61960-3: 2018
313.		Endurance In Cycles	CL 7.6 IS 16047 (Part 3)/IEC 61960-3: 2018
314.		Endurance In Cycles at A Rate of 0,2 It A	CI 7.6. 2 IS 16047 (Part3)/IEC 61960-3:2018
315.		Endurance In Cycles at A Rate of 0,5 It A (Accelerated Test Procedure)	CI 7.6.3 IS 16047 (Part 3)/IEC 61960-3:2018
316.		Battery Internal Resistance	CI 7.7 IS 16047 (Part 3)/IEC 61960-3: 2018
317.		Measurement of the Internal AC Resistance	CI 7.7.2 IS 16047 (Part 3)/IEC 61960-3:2018
318.		Measurement of the Internal DC Resistance	CL 7.7.3 IS 16047 (Part 3)/IEC 61960-3: 2018
319.		Electrical Tests	CI 8.2.2 IS 16047 (Part 3)/IEC 61960-3: 2018



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Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Cells And Batteries		
320.	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes – Secondary Sealed Cells and Batteries for Portable Applications –Part 2: Nickel-Metal Hydride	Parameter Measurement Tolerances	CI 4 IEC 61951-2:2017+A1: 2022
321.		Cell And Battery Designation and Marking	CI 5 IEC 61951-2:2017+A1: 2022
322.		Marking	CI 5.3 IEC 61951-2:2017+A1: 2022
323.		Dimensions	CI 6 IEC 61951-2:2017+A1: 2022
324.		Electrical Tests	CI 7 IEC 61951-2:2017+A1: 2022
325.		Charging Procedure for Test Purposes	CI 7.2 IEC 61951-2:2017+A1: 2022
326.		Charging Procedure for Cell	CI. 7.2.1 IEC 61951-2:2017+A1: 2022
327.		Charging Procedure for Battery	CI. 7.2.2 IEC 61951-2:2017+A1: 2022
328.		Discharge Performance	CI 7.3 IEC 61951-2:2017+A1: 2022
329.		Discharge Performance At 20 °C	CL 7.3.2 IEC 61951-2:2017+A1: 2022
330.		Discharge Performance for Cells At 20 °C	CI 7.3.2.2 IEC 61951-2:2017+A1: 2022
331.		Discharge Performance for Batteries At 20 °C	CI. 7.3.2.3 IEC 61951-2: 2017+A1: 2022

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Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Cells And Batteries		
332.		Discharge Performance At 0°C	CL 7.3.3 IEC 61951-2:2017+A1: 2022
333.	Non-Acid Electrolytes – Secondary Sealed Cells and Batteries for Portable Applications –Part 2: Nickel-Metal Hydride	Discharge Performance for Rapid Charge Cells (R Cells)	CL 7.3.4 IEC 61951-2:2017+A1: 2022
334.		Charge (Capacity) Retention	CI 7.4 IEC 61951-2:2017+A1: 2022
335.		Endurance	CI 7.5 IEC 61951-2:2017+A1: 2022
336.		Endurance In Cycles	CI 7.5.1 IEC 61951-2:2017+A1: 2022
337.		Permanent Charge Endurance	CI 7.5.2 IEC 61951-2:2017+A1: 2022
338.		Charge Acceptance at Constant Voltage	CI 7.6 IEC 61951-2:2017+A1: 2022
339.		Overcharge	CI 7.7 IEC 61951-2:2017+A1: 2022
340.		Safety Device Operation	CI 7.8 IEC 61951-2:2017+A1: 2022
341.		Surface Temperature Limitation Device Operation (For S Cell Only)	CI 7.9 IEC 61951-2:2017+A1: 2022

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QAI/CIA/TL/2023/0023

Accreditation Standard: ISO/IEC 17025:2017

Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Cells And Batteries		
342.	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes – Secondary Sealed Cells and Batteries for Portable Applications –Part 2: Nickel-Metal Hydride	Charge Acceptance At +55 °C For LT, MT Or HT Cylindrical Cells	CI 7.11 IEC 61951-2: 2017+A1: 2022
343.		Trickle Charge Acceptance for JT Cylindrical Cells	CI 7.12 IEC 61951-2: 2017+A1: 2022
344.		Internal Resistance	CI 7.13 IEC 61951-2:2017+A1: 2022
345.		Measurement of the Internal AC Resistance	CL 7.13.2 IEC 61951-2:2017+A1: 2022
346.		Measurement of the Internal DC Resistance	CI 7.13.3 IEC 61951-2:2017+A1: 2022
347.		Mechanical Tests	CL 8 IEC 61951-2:2017+A1: 2022
348.		Safety Requirements	CL 9 IEC 61951-2:2017+A1: 2022
349.		Type Approval and Batch Acceptance	CL 10 IEC 61951-2:2017+A1: 2022
350.		Photovoltaic Energy System	CL 4.1 IS 16270: 2023+A1: 2025
351.		Secondary Cells and Batteries	CL 4.2 IS 16270: 2023 A1: 2025
352.	Application General Requirements and Methods of Test	Material And Constructions	CL 4.2.1 IS 16270: 2023 A1: 2025



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Accreditation Standard: ISO/IEC 17025:2017

Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Cells And Batteries		
353.		General OperatingCondition	CL 4.3 IS 16270: 2023 A1: 2025
354.		Autonomy Time	CL 4.3.1 IS 16270: 2023 A1: 2025
355.		Typical Charge and Discharge Currents	CL 4.3.2 IS 16270: 2023 A1: 2025
356.		Daily Cycle	CL 4.3.3 IS 16270: 2023 A1: 2025
357.	Secondary Cells and Batteries for Solar Photovoltaic Application General Requirements And Methods of Test	Seasonal Cycle	CL 4.3.4 IS 16270: 2023 A1: 2025
358.		Period Of HighState of Charge	CL 4.3.5 IS 16270: 2023 A1: 2025
359.		Period For Sustained Low State of Charge	CL 4.3.6 IS 16270: 2023 A1: 2025
360.		Electrolyte Stratification	CL 4.3.7 IS 16270: 2023 A1: 2025
361.		Specific Gravity	CL 4.3.7.1 IS 16270: 2023 A1: 2025
362.		Operating Temperature	CL 4.3.9 IS 16270: 2023 A1: 2025
363.		Charge Control	CL 4.3.10 IS 16270: 2023 A1: 2025
364.		Physical Protection.	CL 4.3.11 IS 16270: 2023 A1: 2025



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Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Cells And Batteries		
365.		Mechanical Endurance	CL 5.1 IS 16270: 2023 A1: 2025
366.		Charge Efficiency	CL 5.2 IS 16270: 2023 A1: 2025
367.		Deep Discharge Protection	CL 5.3 IS 16270: 2023 A1: 2025
368.		Marking	CL 5.4 IS 16270: 2023 A1: 2025
369.		Functional Characteristics	CL 6 IS 16270: 2023 A1: 2025
370.		General Test conditions	CL 7 IS 16270: 2023 A1: 2025
371.	Secondary Cells and Batteries for Solar Photovoltaic Application General Requirements And Methods of Test	Capacity Test	CI 8.1 IS 16270: 2023 A1: 2025
372.		Endurance Test	CI 8.2 IS 16270: 2023 A1: 2025
373.		Charge Retention Test	CI 8.3 IS 16270: 2023 A1: 2025
374.		Cycling Endurance in Photovoltaic Applications (Extreme Conditions)	CI 8.4 IS 16270: 2023 A1: 2025
375.		Sulphation Test (Applicable for Lead Acid Battery Only)	CI 8.5 IS 16270: 2023 A1: 2025



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Accreditation Standard: ISO/IEC 17025:2017

Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Cells And Batteries		
376.	Secondary Lithium-Ion Cells for the Propulsion of Electric Road Vehicles Part 2 Reliability and Abuse Testing	Water Loss Test (Valid for Flooded Lead Acid Batteries Only)	CI 8.6 IS 16270: 2023 A1: 2025
377.		Acceptance Test	CI 9.2 IS 16270: 2023 A1: 2025
378.		Voltage Measurement	CI. 4.2.2 IS 16893 (Part 2) / IEC 62660-2:2018
379.		Current Measurement	CI. 4.2.3 IS 16893 (Part 2) / IEC 62660-2:2018
380.		Temperature Measurements	CI. 4.2.4 IS 16893 (Part 2) / IEC 62660-2:2018
381.		Other Measurements	CI. 4.2.5 IS 16893 (Part 2) / IEC 62660-2:2018
382.		Tolerance	CI. 4.3 IS 16893 (Part 2) / IEC 62660-2:2018
383.		Test Temperature	CI. 4.4 IS 16893 (Part 2) / IEC 62660-2:2018
384.		Electrical Measurement	CI. 5 IS 16893 (Part 2) / IEC 62660-2:2018
385.		Capacity	CI. 5.2 IS 16893 (Part 2) / IEC 62660-2:2018
386.		SOC Adjustment	CI. 5.3 IS 16893 (Part 2) / IEC 62660-2:2018

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Accreditation Standard: ISO/IEC 17025:2017

Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Cells And Batteries		
387.		Reliability And Abuse Tests	Cl. 6 IS 16893 (Part 2) / IEC 62660-2:2018
388.		Mechanical Test	Cl. 6.1 IS 16893 (Part 2) / IEC 62660-2:2018
389.		Vibration	Cl. 6.1.1 IS 16893 (Part 2) / IEC 62660-2:2018
390.		Mechanical Shock	Cl. 6.1.2 IS 16893 (Part 2) / IEC 62660-2:2018
391.		Crush	Cl. 6.1.3 IS 16893 (Part 2) / IEC 62660-2:2018
392.		Thermal Test	Cl. 6.2 IS 16893 (Part 2) / IEC 62660-2:2018
393.		High Temperature Endurance	Cl. 6.2.1 IS 16893 (Part 2) / IEC 62660-2:2018
394.		Temperature Cycling	Cl. 6.2.2 IS 16893 (Part 2) / IEC 62660-2:2018
395.	Secondary Lithium-Ion Cells for the Propulsion of Electric Road Vehicles Part 2 Reliability and Abuse Testing	Test Without Electrical Operation	Cl. 6.2.2.1.1 IS 16893 (Part 2) / IEC 62660-2:2018
396.		Test With Electrical Operation	Cl. 6.2.2.1.2 IS 16893 (Part 2) / IEC 62660-2:2018
397.		Electrical Test	Cl. 6.3 IS 16893 (Part 2) / IEC 62660-3:2018

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Accreditation Standard: ISO/IEC 17025:2017

Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Cells And Batteries		
398.		External ShortCircuit	Cl. 6.3.1 IS 16893 (Part 2) / IEC 62660-2:2018
399.		Overcharge	Cl. 6.3.2 IS 16893 (Part 2) / IEC 62660-2:2018
400.		Forced Discharge	Cl. 6.3.3 IS 16893 (Part 2) / IEC 62660-2:2018
401.	Secondary Lithium-Ion Cells for the Propulsion of Electric Road Vehicles Part 3 Safety Requirements	Range Of Measuring Devices	Cl. 4.2.1 IS 16893 (Part 3) / IEC 62660-3:2018
402.		Voltage Measurement	Cl. 4.2.2 IS 16893 (Part 3) / IEC 62660-3:2018
403.		Current Measurement	Cl. 4.2.3 IS 16893 (Part 3) / IEC 62660-3:2018
404.		Temperature Measurements	Cl. 4.2.4 IS 16893 (Part 3) / IEC 62660-3:2018
405.		Other Measurements	Cl. 4.2.5 IS 16893 (Part 3) / IEC 62660-3:2018
406.		Tolerance	Cl. 4.3 IS 16893 (Part 3) / IEC 62660-3:2018
407.	Secondary Lithium-Ion Cells for the Propulsion of Electric Road Vehicles Part 3 Safety Requirements	Test Temperature	Cl. 4.4 IS 16893 (Part 3) / IEC 62660-3:2018
408.		Electrical Measurement	Cl. 5 IS 16893 (Part 3) / IEC 62660-3:2018

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Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Cells And Batteries		
409.		Capacity	Cl. 5.2 IS 16893 (Part 3) / IEC 62660-3:2018
410.		SOC Adjustment	Cl. 5.3 IS 16893 (Part 3)/ IEC 62660-3:2018
411.		Safety Tests	Cl. 6 IS 16893 (Part 3)/ IEC 62660- 3:2018
412.		Mechanical Tests	Cl. 6.2 IS 16893 (Part 3) / IEC 62660-3:2018
413.		Vibration	Cl. 6.2.1 IS 16893 (Part 3) / IEC 62660-3:2018
414.		Mechanical Shock	Cl. 6.2.2 IS 16893 (Part 3)/ IEC 62660-3:2018
415.		Crush	Cl. 6.2.3 IS 16893 (Part 3) / IEC 62660-3:2018
416.		Thermal Test	Cl. 6.3 IS 16893 (Part 3) / IEC 62660-3:2018
417.		High TemperatureEndurance	Cl. 6.3.1 IS 16893 (Part 3) / IEC 62660-3:2018
418.		TemperatureCycling	Cl. 6.3.2 IS 16893 (Part 3) / IEC 62660-3:2018
419.	Secondary Lithium-Ion Cells for the Propulsion of Electric	Electrical Tests	Cl. 6.4 IS 16893 (Part 3) / IEC 62660-3:2018

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Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Cells And Batteries		
420.	Road Vehicles Part 3 Safety Requirements	External ShortCircuit	Cl. 6.4.1 IS 16893 (Part 3) / IEC 62660-3:2018
421.		Overcharge	Cl. 6.4.2 IS 16893 (Part 3) / IEC 62660-3:2018
422.		Forced Discharge	Cl. 6.4.3 IS 16893 (Part 3) / IEC 62660-3:2018
423.		Internal ShortCircuit Test	Cl. 6.4.4 IS 16893 (Part 3) / IEC 62660-3:2018
424.		Forced InternalShort Circuit Test	Cl. 6.4.4.2.1 IS 16893 (Part 3) / IEC 62660-3:2018
425.	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes - Safety Requirements for Portable Sealed Secondary Cells and for Batteries Made From Them for use In Portable Applications Part 1 Nickel Systems	Parameter Measurement Tolerances	Cl.4 IS 16046 (Part1):2018 + A1: 2020
426.		General Safety Considerations	Cl.5 IS 16046 (Part1):2018 + A1: 2020
427.		General	Cl.5.1 IS 16046 (Part1):2018 +A1: 2020
428.		Insulation And Wiring	Cl.5.2 IS 16046 (Part1): 2018 + A1: 2020
429.		Venting	Cl.5.3 IS 16046 (Part1): 2018 + A1: 2020
430.		Temperature, Voltage and Current Management	Cl.5.4 IS 16046 (Part1): 2018 + A1: 2020

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Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Cells And Batteries		
431.	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes - Safety Requirements for Portable Sealed Secondary Cells and for Batteries Made from Them for use In Portable Applications Part 1 Nickel Systems	Terminal Contacts	Cl.5.5 IS 16046 (Part1): 2018 + A1: 2020
432.		Assembly of Cells into Batteries	Cl.5.6 IS 16046 (Part1): 2018 + A1: 2020
433.		Quality Plan	Cl.5.7 IS 16046 (Part1): 2018 + A1: 2020
434.		Type Test and Sample Size	Cl.6 IS 16046 (Part1): 2018 + A1: 2020
435.		Specific Requirements and Tests	Cl. 7 IS 16046 (Part1):2018 + A1: 2020
436.		Charging Procedure for Test Purposes	Cl. 7.1 IS 16046 (Part1): 2018 + A1: 2020
437.		Intended Use	Cl. 7.2 IS 16046 (Part1): 2018 + A1: 2020
438.		Continuous Low-Rate Charging (Cells)	Cl. 7.2.1 IS 16046 (Part1): 2018 + A1: 2020
439.		Vibration	Cl. 7.2.2 IS 16046 (Part1): 2018 + A1: 2020
440.		Case Stress at High Ambient Temperature (Batteries)	Cl. 7.2.3 IS 16046 (Part1):2018 + A1: 2020
441.		Temperature Cycling	Cl. 7.2.4 IS 16046 (Part1):2018 + A1: 2020

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Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Cells And Batteries		
442.		Reasonably Foreseeable Misuse	Cl. 7.3 IS 16046 (Part1): 2018 + A1: 2020
443.	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes - Safety Requirements for Portable Sealed Secondary Cells and for Batteries Made from Them for use In Portable Applications Part 1 Nickel Systems	Incorrect Installation (Cells)	Cl. 7.3.1 IS 16046 (Part1):2018 + A1: 2020
444.		External Short Circuit	Cl. 7.3.2 IS 16046 (Part1):2018 + A1: 2020
445.		Free Fall	Cl. 7.3.3 IS 16046 (Part1): 2018 + A1: 2020
446.		Mechanical Shock (Crash Hazard)	Cl. 7.3.4 IS 16046 (Part1):2018 + A1: 2020
447.		Thermal Abuse (Cells)	Cl. 7.3.5 IS 16046 (Part1):2018 + A1: 2020
448.		Crushing Of Cells	Cl. 7.3.6 IS 16046 (Part1):2018 + A1: 2020
449.		Low Pressure (Cells)	Cl. 7.3.7 IS 16046 (Part1): 2018 + A1: 2020
450.		Overcharge	Cl. 7.3.8 IS 16046 (Part1):2018 + A1: 2020
451.		Forced Discharge (Cells)	Cl. 7.3.9 IS 16046 (Part1): 2018 + A1: 2020
452.		General	Cl. 8.1 IS 16046 (Part1): 2018 + A1: 2020

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Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Cells And Batteries		
453.	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes - Safety Requirements for Portable Sealed Secondary Cells and for Batteries Made from Them for use In Portable Applications Part 1 Nickel Systems	Small Cell and Battery Safety Information	Cl. 8.2 IS 16046 (Part1): 2018 + A1: 2020
454.		Marking	Cl. 9 IS 16046 (Part1): 2018 + A1: 2020
455.		Cell Marking	Cl. 9.1 IS 16046 (Part1): 2018 + A1: 2020
456.		Battery Marking	Cl. 9.2 IS 16046 (Part1): 2018 + A1: 2020
457.		Caution For Ingestion of Small Cells and Batteries	Cl. 9.3 IS 16046 (Part1):2018 + A1: 2020
458.		Packaging	Cl. 10 IS 16046 (Part1):2018 + A1: 2020
459.		Recommendations To Equipment Manufacturers and Battery Assemblers	Annex A IS 16046 (Part1): 2018 + A1: 2020
460.		Recommendations To the End-Users	Annex B IS 16046 (Part1):2018 + A1: 2020
461.		General Safety Considerations	Cl.5 IEC 62133-1: 2017
462.		General	Cl. 5.1 IEC 62133-1: 2017



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Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Cells And Batteries		
463.		Insulation And Wiring	Cl.5.2 IEC 62133-1: 2017
464.		Venting	Cl.5.3 IEC 62133-1: 2017
465.		Temperature, Voltage and Current Management	Cl.5.4 IEC 62133-1: 2017
466.	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes - Safety Requirements for Portable Sealed Secondary Cells and for Batteries Made from Them for Use in Portable Applications Part 1 Nickel Systems	Terminal Contacts	Cl.5.5 IEC 62133-1: 2017
467.		Assembly Of Cells into Batteries	Cl.5.6 IEC 62133-1 : 2017
468.		Type Test and Sample Size	Cl.6 IEC 62133-1 : 2017
469.		Specific Requirements and Tests	Cl. 7 IEC 62133-1: 2017
470.		Charging Procedure for Test Purposes	Cl. 7.1 IEC 62133-1: 2017
471.		Intended Use	Cl. 7.2 IEC 62133-1: 2017
472.		Continuous Low-Rate Charging (Cells)	Cl. 7.2.1 IEC 62133-1: 2017

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Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Cells And Batteries		
473.	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes - Safety Requirements for Portable Sealed Secondary Cells and for Batteries Made from Them for Use in Portable Applications Part 1 Nickel Systems	Vibration	CI. 7.2.2 IEC 62133-1: 2017
474.		Case Stress at High Ambient Temperature (Batteries)	CI. 7.2.3 IEC 62133-1: 2017
475.		Temperature Cycling	CI. 7.2.4 IEC 62133-1: 2017
476.		Reasonably Foreseeable Misuse	CI. 7.3 IEC 62133-1: 2017
477.		Incorrect Installation (Cells)	CI. 7.3.1 IEC 62133-1: 2017
478.		External Short Circuit	CI. 7.3.2 IEC 62133-1: 2017
479.		Free Fall	CI. 7.3.3 IEC 62133-1: 2017
480.		Mechanical Shock (Crash Hazard)	CI. 7.3.4 IEC 62133-1: 2017
481.		Thermal Abuse (Cells)	CI. 7.3.5 IEC 62133-1: 2017
482.		Low Pressure (Cells)	CI. 7.3.7 IEC 62133-1: 2017
483.		Overcharge	CI. 7.3.8 IEC 62133-1: 2017
484.		Forced Discharge (Cells)	CI. 7.3.9 IEC 62133-1: 2017

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Accreditation Standard: ISO/IEC 17025:2017

Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Cells And Batteries		
485.		Information For Safety	Cl. 8 IEC 62133-1: 2017
486.		General	Cl. 8.1 IEC 62133-1: 2017
487.		Small Cell and Battery Safety Information	Cl. 8.2 IEC 62133-1: 2017
488.		Marking	Cl. 9 IEC 62133-1: 2017
489.		Cell Marking	Cl. 9.1 IEC 62133-1: 2017
490.		Battery Marking	Cl. 9.2 IEC 62133-1: 2017
491.	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes — Safety Requirements for Portable Sealed Secondary Cells and For Batteries Made from Them for Use in Portable Applications Part 2 Lithium Systems	Caution For Ingestion of Small Cells and Batteries	Cl. 9.3 IEC 62133-1: 2017
492.	Secondary Cells and Batteries	Packaging	Cl. 10 IEC 62133-1: 2017

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Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Cells And Batteries		
493.	Containing Alkaline or Other Non-Acid Electrolytes — Safety Requirements for	Recommendations To Equipment Manufacturers and Battery Assemblers	Annex A IEC 62133-1: 2017
494.	Portable Sealed Secondary Cells and For Batteries Made from Them for Use in	Recommendations To the End-Users	Annex B IEC 62133-1: 2017
495.	Portable Applications Part 2	Parameter Measurement Tolerances	Cl. 4 IS 16046 (Part2) :2018 +A1: 2020
496.	Lithium Systems	General Safety Considerations	Cl. 5 IS 16046 (Part2) :2018 +A1: 2020
497.		General	Cl. 5.1 IS 16046 (Part2):2018 +A1: 2020
498.		Insulation And Wiring	Cl. 5.2 IS 16046 (Part2):2018+ A1 : 2020
499.		Venting	Cl. 5.3 IS 16046 (Part2):2018+ A1 : 2020
500.		Temperature, Voltage and Current Management	Cl. 5.4 IS 16046 (Part2):2018+ A1 : 2020
501.		Terminal Contacts	Cl. 5.5 IS 16046 (Part2): 2018 + A1 : 2020
502.		Assembly Of Cells into Batteries	Cl. 5.6 IS 16046 (Part2):2018+ A1 : 2020

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Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Cells And Batteries		
503.	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes — Safety Requirements for Portable Sealed Secondary Cells and For Batteries Made from Them for Use in Portable Applications Part 2 Lithium Systems	General	Cl. 5.6.1 IS 16046 (Part2):2018+ A1 : 2020
504.		Design Recommendation	Cl. 5.6.2 IS 16046 (Part2):2018+ A1 : 2020
505.		Mechanical Protection for Cells and Components of Batteries	Cl. 5.6.3 IS 16046 (Part2):2018+ A1 : 2020
506.		Quality Plan	Cl. 5.7 IS 16046 (Part2): 2018+ A1 : 2020
507.		Battery Safety Components	Cl. 5.8 IS 16046 (Part2):2018+A1 : 2020
508.		Type Test and Sample Size	Cl. 6 IS 16046 (Part2):2018+A1 : 2020
509.		Specific Requirements and Tests	Cl. 7 IS 16046 (Part2):2018+A1 : 2020
510.		Charging Procedures for Test Purposes	Cl. 7.1 IS 16046 (Part2):2018+A1 : 2020
511.		First Procedure	Cl. 7.1.1 IS 16046 (Part2):2018+A1 : 2020
512.		Second Procedure	Cl. 7.1.2 IS 16046 (Part2):2018+A1 : 2020
513.		Intended Use	Cl. 7.2 IS 16046 (Part2):2018+A1 : 2020

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Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Cells And Batteries		
514.		Continuous Charging at Constant Voltage (Cells)	Cl. 7.2.1 IS 16046 (Part2):2018+A1 : 2020
515.		Case Stress at High Ambient Temperature (Battery)	Cl. 7.2.2 IS 16046 (Part2):2018+A1: 2020
516.		Reasonably Foreseeable Misuse	Cl. 7.3 IS 16046 (Part2):2018+A1: 2020
517.		External Short-Circuit (Cell)	Cl. 7.3.1 IS 16046 (Part2):2018+A1 : 2020
518.	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes — Safety Requirements for Portable Sealed Secondary Cells and For Batteries Made from Them for Use in Portable Applications Part 2 Lithium Systems	External Short-Circuit (Battery)	Cl. 7.3.2 IS 16046 (Part2):2018+A1 : 2020
519.		Free Fall	Cl. 7.3.3 IS 16046 (Part2):2018+A1 : 2020
520.		Thermal Abuse (Cells)	Cl. 7.3.4 IS 16046 (Part2):2018+A1 : 2020
521.		Crush (Cells)	Cl. 7.3.5 IS 16046 (Part2):2018+A1 : 2020
522.		Over-Charging of Battery	Cl. 7.3.6 IS 16046 (Part2):2018+A1 : 2020
523.		Forced Discharge (Cells)	Cl. 7.3.7 IS 16046 (Part2):2018+A1 : 2020
524.		Mechanical Tests (Batteries)	Cl. 7.3.8 IS 16046 (Part2):2018+A1 : 2020

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Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Cells And Batteries		
525.	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes — Safety Requirements for Portable Sealed Secondary Cells and For Batteries Made from Them for Use in Portable Applications Part 2 Lithium Systems	Vibration	Cl. 7.3.8.1 IS 16046 (Part2):2018+A1 : 2020
526.		Mechanical Shock	Cl. 7.3.8.2 IS 16046 (Part2):2018+A1 : 2020
527.		Information For Safety	Cl. 8 IS 16046 (Part2):2018+A1 : 2020
528.		General	Cl. 8.1 IS 16046 (Part2):2018+A1 : 2020
529.		Small Cell and Battery Safety Information	Cl. 8.2 IS 16046 (Part2):2018+A1 : 2020
530.		Marking	Cl. 9 IS 16046 (Part2):2018+A1 : 2020
531.		Cell Marking	Cl. 9.1 IS 16046 (Part2):2018+A1: 2020
532.		Battery Marking	Cl. 9.2 IS 16046 (Part2):2018+A1: 2020
533.		Caution For Ingestion of Small Cells and Batteries	Cl. 9.3 IS 16046 (Part2):2018+A1 : 2020
534.		Packaging And Transport	Cl. 10 IS 16046 (Part2):2018+A1 : 2020
535.	Secondary Cells and Batteries Containing Alkaline	Parameter Measurement Tolerances	Cl. 4 IEC 62133-2: 2017+A1: 2021

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Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Cells And Batteries		
536.	or Other Non-Acid Electrolytes - Safety	General Safety Considerations	Cl. 5 IEC 62133-2: 2017+A1: 2021
537.	Requirements for Portable Sealed Secondary Cells and	General	Cl. 5.1 IEC 62133-2 : 2017+A1: 2021
538.	for Batteries Made from Them for Use in Portable	Insulation And Wiring	Cl. 5.2 IEC 62133-2: 2017+A1: 2021
539.		Venting	Cl. 5.3 IEC 62133-2: 2017+A1: 2021
540.		Temperature, Voltage and Current Management	Cl. 5.4 IEC 62133-2: 2017+A1: 2021
541.	Applications Part 2 Lithium Systems	Terminal Contacts	Cl. 5.5 IEC 62133-2: 2017+A1: 2021
542.		Assembly Of Cells into Batteries	Cl. 5.6 IEC 62133-2: 2017+A1: 2021
543.		General	Cl. 5.6.1 IEC 62133-2: 2017+A1: 2021
544.	Secondary Cells and Batteries Containing Alkaline	Design Recommendation	Cl. 5.6.2 IEC 62133-2 : 2017+A1: 2021
545.	or Other Non-Acid Electrolytes - Safety	Mechanical Protection for Cells and Components of Batteries	Cl. 5.6.3 IEC 62133-2: 2017+A1: 2021
546.	Requirements for Portable Sealed Secondary Cells and	Quality Plan	Cl. 5.7 IEC 62133-2 : 2017+A1: 2021

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Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Cells And Batteries		
547.	for Batteries Made from Them for Use in Portable Applications Part 2 Lithium Systems	Battery Safety Components	Cl. 5.8 IEC 62133-2 : 2017+A1: 2021
548.		Type Test and Sample Size	Cl. 6 IEC 62133-2 : 2017+A1: 2021
549.		Specific Requirements and Tests	Cl. 7 IEC 62133-2 : 2017+A1: 2021
550.		Charging Procedures for Test Purposes	Cl. 7.1 IEC 62133-2 : 2017+A1: 2021
551.	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes - Safety Requirements for Portable Sealed Secondary Cells and for Batteries Made from Them for Use in Portable Applications Part 2 Lithium Systems	First Procedure	Cl. 7.1.1 IEC 62133-2 : 2017+A1: 2021
552.		Second Procedure	Cl. 7.1.2 IEC 62133-2 : 2017+A1: 2021
553.		Intended Use	Cl. 7.2 IEC 62133-2 : 2017+A1: 2021
554.		Continuous Charging at Constant Voltage (Cells)	Cl. 7.2.1 IEC 62133-2 : 2017+A1: 2021
555.		Case Stress at High Ambient Temperature (Battery)	Cl. 7.2.2 IEC 62133-2 : 2017+A1: 2021
556.		Reasonably Foreseeable Misuse	Cl. 7.3 IEC 62133-2: 2017+A1: 2021
557.		External Short-Circuit (Cell)	Cl. 7.3.1 IEC 62133-2 : 2017+A1: 2021

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Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Cells And Batteries		
558.	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes - Safety Requirements for Portable Sealed Secondary Cells and for Batteries Made from Them for Use in Portable Applications Part 2 Lithium Systems	External Short-Circuit (Battery)	Cl. 7.3.2 IEC 62133-2 : 2017+A1: 2021
559.		Free Fall	Cl. 7.3.3 IEC 62133-2 : 2017+A1: 2021
560.		Thermal Abuse (Cells)	Cl. 7.3.4 IEC 62133-2 : 2017+A1: 2021
561.		Crush (Cells)	Cl. 7.3.5 IEC 62133-2 : 2017+A1: 2021
562.		Over-Charging of Battery	Cl. 7.3.6 IEC 62133-2 : 2017+A1: 2021
563.		Forced Discharge (Cells)	Cl. 7.3.7 IEC 62133-2: 2017+A1: 2021
564.		Mechanical Tests (Batteries)	Cl. 7.3.8 IEC 62133-2: 2017+A1: 2021
565.		Vibration	Cl. 7.3.8.1 IEC 62133-2: 2017+A1: 2021
566.		Mechanical Shock	Cl. 7.3.8.2 IEC 62133-2: 2017+A1: 2021
567.		Design Evaluation- Forced Internal Short-Circuit (Cell)	Cl. 7.3.9 IEC 62133-2: 2017+A1: 2021
568.		Information for Safety	Cl. 8 IEC 62133-2: 2017+A1: 2021

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Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Cells And Batteries		
569.		General	Cl. 8.1 IEC 62133-2: 2017+A1: 2021
570.		Small Cell and Battery Safety Information	Cl. 8.2 IEC 62133-2: 2017+A1: 2021
571.		Marking	Cl. 9 IEC 62133-2: 2017+A1: 2021
572.		Cell Marking	Cl. 9.1 IEC 62133-2: 2017+A1: 2021
573.		Battery Marking	Cl. 9.2 IEC 62133-2: 2017+A1: 2021
574.		Caution For Ingestion of Small Cells and Batteries	Cl. 9.3 IEC 62133-2: 2017+A1: 2021
575.	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes - Safety Requirements for Portable Sealed Secondary Cells and for Batteries Made from Them for Use in Portable Applications Part 2 Lithium Systems	Other Information	Cl. 9.4 IEC 62133-2: 2017+A1: 2021
576.		Packaging and Transport	Cl. 10 IEC 62133-2: 2017+A1: 2021

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Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Cells And Batteries		
577.	Multipurpose Dry Batteries	Designation of Cells and Batteries	Cl. 4 IS 8144: 2025
578.		Dimensions	Cl. 5 IS 8144: 2025
579.		Terminals	Cl. 6 IS 8144: 2025
580.		Marking	Cl. 8 IS 8144: 2025
581.		Tests	Cl. 9 IS 8144: 2025
582.		Type Tests	Cl. 9.2 IS 8144: 2025
583.		Lot Acceptance Tests	Cl. 9.3 IS 8144: 2025
584.		Initial Life Test	Cl. 9.4 IS 8144: 2025
585.	Multipurpose Dry Batteries	Delayed Life Test	Cl. 9.5 IS 8144: 2025
586.		Leakage Test	Cl. 9.6 IS 8144: 2025
587.		Delayed Life Test Under Dry Heat Conditions	Cl. 9.7 IS 8144: 2025
588.	Primary Batteries-General	Requirements	Cl. 4 IS 6303: 2018



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Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Cells And Batteries		
589.		General	Cl. 4.1 IS 6303: 2018
590.		Performance	Cl. 4.2 IS 6303: 2018
591.		Performance-Testing	Cl. 5 IS 6303: 2018
592.		Discharge Testing	Cl. 5.2 IS 6303: 2018
593.		Conformance Check to a Specified Minimum Average Duration	Cl. 5.3 IS 6303: 2018
594.		Calculation Method for the Specified Value of Minimum Average Duration	Cl. 5.4 IS 6303: 2018
595.		OCV Testing	Cl. 5.5 IS 6303: 2018
596.	Primary Batteries-General	Battery Dimensions	Cl. 5.6 IS 6303: 2018
597.		Leakage And Deformation	Cl. 5.7 IS 6303: 2018
598.		Performance-Test Conditions	Cl. 6 IS 6303: 2018



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Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Cells And Batteries		
599.		Per-Discharge Conditioning	Cl. 6.1 IS 6303: 2018
600.		Commencement Of Discharge Tests After Storage	Cl. 6.2 IS 6303: 2018
601.		Discharge Test Conditions	Cl. 6.3 IS 6303: 2018
602.		Load Resistance	Cl. 6.4 IS 6303: 2018
603.		Time Periods	Cl. 6.5 IS 6303: 2018
604.		Test Condition Tolerances	Cl. 6.6 IS 6303: 2018
605.		Activation of 'P' System Batteries	Cl. 6.7 IS 6303: 2018
606.		Measuring Equipment	Cl. 6.8 IS 6303: 2018
607.		Discharge Test Equipment and Procedure	Cl. 6.9 IS 6303: 2018
608.		Sampling And Quality Assurance	Cl. 7 IS 6303: 2018
609.		Sampling For Periodical Tests	Cl. 7.1 IS 6303: 2018
610.	Primary Batteries-General	Sampling Of Lot Acceptance And AQL	Cl. 7.2 IS 6303: 2018

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Accreditation Standard: ISO/IEC 17025:2017

Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Cells And Batteries		
611.		Battery Packaging	Cl. 8 IS 6303: 2018
612.	Secondary Cells and Batteries for Renewable Energy Storage-General Requirements and Methods of Test Part 1: Photovoltaic Off-Grid Application	General	Cl. 4.1 IEC 61427-1: 2013
613.		Photovoltaic Energy System	Cl. 4.2 IEC 61427-1: 2013
614.		Secondary Cells and Batteries	Cl. 4.3 IEC 61427-1: 2013
615.		General Operating Condition	Cl. 4.4 IEC 61427-1: 2013
616.		Autonomy Time	Cl. 4.4.2 IEC 61427-1: 2013
617.		Typical Charge and Discharge Currents	Cl. 4.4.3 IEC 61427-1: 2013
618.		Daily Cycle	Cl. 4.4.4 IEC 61427-1: 2013
619.		Seasonal Cycle	Cl. 4.4.5 IEC 61427-1: 2013

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Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Cells And Batteries		
620.	Secondary Cells and Batteries for Renewable Energy Storage-General Requirements and Methods of Test Part 1: Photovoltaic Off-Grid Application	Period of High State of Charge	Cl. 4.4.6 IEC 61427-1: 2013
621.		Period For Sustained Low State of Charge	Cl. 4.4.7 IEC 61427-1: 2013
622.		Electrolyte Stratification	Cl. 4.4.8 IEC 61427-1: 2013
623.	Secondary Cells and Batteries for Renewable Energy Storage-General Requirements and Methods of Test Part 1: Photovoltaic Off-Grid Application	Operating Temperature	Cl. 4.4.10 IEC 61427-1: 2013
624.		Charge Control	Cl. 4.4.11 IEC 61427-1: 2013
625.		Physical Protection	Cl. 4.4.12 IEC 61427-1: 2013
626.		General requirements	Cl. 5 IEC 61427-1: 2013
627.		Mechanical Endurance	Cl. 5.1 IEC 61427-1: 2013
628.		Charge Efficiency	Cl. 5.2 IEC 61427-1: 2013
629.		Deep Discharge Protection	Cl. 5.3 IEC 61427-1: 2013
630.		Marking	Cl. 5.4 IEC 61427-1: 2013
631.		Functional Characteristics	Cl. 6 IEC 61427-1 : 2013

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Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Cells And Batteries		
632.		General Test Conditions	Cl. 7 IEC 61427-1 : 2013
633.	Secondary Cells and Batteries for Renewable Energy Storage-General Requirements and Methods of Test Part 1: Photovoltaic Off-Grid Application	Capacity Test	Cl. 8.1 IEC 61427-1 : 2013
634.		Generic Cycling Endurance Test	Cl. 8.2 IEC 61427-1 : 2013
635.		Charge Retention Test	Cl. 8.3 IEC 61427-1 : 2013
636.		Cycling Endurance in Photovoltaic Applications (Extreme Conditions)	Cl. 8.4 IEC 61427-1 : 2013
637.		Recommended Use of Tests	Cl. 9 IEC 61427-1 : 2013
638.		Acceptance Test	Cl. 9.2 IEC 61427-1 : 2013
639.	Secondary Cells and Batteries for Renewable Energy Storage-General Requirements and Methods of Test Part 2: On-Grid Applications	Cell Designation	Cl. 5.2 IEC 62620 : 2014+A1: 2023
640.		Battery Designation	Cl. 5.3 IEC 62620 : 2014+A1: 2023
641.		Discharge Performance at Low Temperature	Cl. 6.3.2 IEC 62620 : 2014+A1: 2023
642.		Electrical Tests	Cl. 7.3.2 IEC 62620 : 2014+A1: 2023

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Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Cells And Batteries		
643.	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes- Safety Requirements for Secondary Lithium Cells and Batteries, For Use in Industrial Applications	Parameter Measurement Tolerances	Cl. 4 IEC 62619: 2022
644.		General Safety Considerations	Cl. 5 IEC 62619: 2022
645.		Insulation And Wiring	Cl. 5.2 IEC 62619: 2022
646.		Venting	Cl. 5.3 IEC 62619: 2022
647.		Temperature/Voltage/Current Management	Cl. 5.4 IEC 62619: 2022
648.		Terminal Contacts of the Battery Pack And/or Battery System	Cl. 5.5 IEC 62619: 2022
649.		Assembly Of Cells, Modules, Or Battery Packs into Battery System	Cl. 5.6 IEC 62619: 2022
650.		General	Cl. 5.6.1 IEC 62619: 2022
651.		Battery System Design	Cl. 5.6.2 IEC 62619: 2022
652.		Operating Region of Lithium Cells and Battery Systems for Safe Use	Cl. 5.7 IEC 62619: 2022
653.		System Lock (Or System Lock Function)	Cl. 5.8 IEC 62619: 2022
654.		Quality Plan	Cl. 5.9 IEC 62619: 2022

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Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Cells And Batteries		
655.	Lithium Cells and Batteries, For Use in Industrial Applications	Type Test Conditions	Cl. 6 IEC 62619: 2022
656.		Specific Requirements and Tests	Cl. 7 IEC 62619: 2022
657.		Charging Procedures for Test Purposes	Cl. 7.1 IEC 62619: 2022
658.	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes- Safety Requirements for Secondary Lithium Cells and Batteries, For Use in Industrial Applications	Reasonably Foreseeable Misuse	Cl. 7.2 IEC 62619: 2022
659.		External Short- Circuit Test (Cell or Cell Block)	Cl. 7.2.1 IEC 62619: 2022
660.		Impact Test (Cell or Cell Block)	Cl. 7.2.2 IEC 62619: 2022
661.		Drop Test (Cell or Cell Block, And Battery System)	Cl. 7.2.3 IEC 62619: 2022
662.		Whole Drop Test (Cell or Cell Block and Battery System)	Cl. 7.2.3.2 IEC 62619: 2022
663.		Edge And Corner Drop Test (Cell or Cell Block, And Battery System)	Cl. 7.2.3.3 IEC 62619: 2022
664.		Thermal Abuse Test (Cell or Cell Block)	Cl. 7.2.4 IEC 62619: 2022
665.		Overcharge Test (Cell or Cell Block)	Cl. 7.2.5 IEC 62619: 2022

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Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Cells And Batteries		
666.		Forced Discharge Test (Cell or Cell Block)	Cl. 7.2.6 IEC 62619: 2022
667.		Considerations For Internal Short-Circuit- Design Evaluation	Cl. 7.3 IEC 62619: 2022
668.		Internal Short Circuit Test (Cell)	Cl. 7.3.2 IEC 62619: 2022
669.		Propagation Test (Battery System)	Cl. 7.3.3 IEC 62619: 2022
670.	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes- Safety Requirements for Secondary Lithium Cells and Batteries, For Use in Industrial Applications	Battery System Safety (Considering Functional Safety)	Cl. 8 IEC 62619: 2022
671.		General Requirements	Cl. 8.1 IEC 62619: 2022
672.		Battery Management System (or Battery Management Unit)	Cl. 8.2 IEC 62619: 2022
673.		Requirements For The BMS	Cl. 8.2.1 IEC 62619: 2022
674.		Overcharge Control of Voltage (Battery System)	Cl. 8.2.2 IEC 62619: 2022
675.		Overcharge Control of Current (Battery System)	Cl. 8.2.3 IEC 62619: 2022
676.		Overheating Control (Battery System)	Cl. 8.2.4 IEC 62619: 2022

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Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Cells And Batteries		
677.		Information For Safety	CI. 10 IEC 62619: 2022
678.		Marking And Designation	CI. 11 IEC 62619: 2022
679.		Packaging And Transport	CI. 12 IEC 62619: 2022
680.	Secondary Lithium-Ion Cells for the Propulsion of Electric Road Vehicles Part 2 Reliability and Abuse Testing	Test Conditions	CI. 4 IEC 62660-2: 2018
681.		General	CI. 4.1 IEC 62660-2: 2018
682.		Voltage Measurement	CI. 4.2.2 IEC 62660-2: 2018
683.	Secondary Lithium-Ion Cells for the Propulsion of Electric Road Vehicles Part 2 Reliability and Abuse Testing	Current Measurement	CI. 4.2.3 IEC 62660-2: 2018
684.		Temperature Measurements	CI. 4.2.4 IEC 62660-2: 2018
685.		Other Measurements	CI. 4.2.5 IEC 62660-2: 2018
686.		Tolerance	CI. 4.3 IEC 62660-2: 2018
687.		Test Temperature	CI. 4.4 IEC 62660-2: 2018
688.		Electrical Measurement	CI. 5 IEC 62660-2: 2018
689.		General Charge Conditions	CI. 5.1 IEC 62660-2: 2018

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Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Cells And Batteries		
690.	Secondary Lithium-Ion Cells for the Propulsion of Electric Road Vehicles Part 2 Reliability and Abuse Testing	Capacity	Cl. 5.2 IEC 62660-2: 2018
691.		SOC Adjustment	Cl. 5.3 IEC 62660-2: 2018
692.		Reliability And Abuse Tests	Cl. 6 IEC 62660-2: 2018
693.		General	Cl. 6.1 IEC 62660-2: 2018
694.		Mechanical Test	Cl. 6.2 IEC 62660-2: 2018
695.		Vibration	Cl. 6.2.1 IEC 62660-2: 2018
696.		Mechanical Shock	Cl. 6.2.2 IEC 62660-2: 2018
697.		Crush	Cl. 6.2.3 IEC 62660-2: 2018
698.		Thermal Test	Cl. 6.3 IEC 62660-2: 2018
699.		High Temperature Endurance	Cl. 6.3.1 IEC 62660-2: 2018
700.		Temperature Cycling	Cl. 6.3.2 IEC 62660-2: 2018
701.		Electrical Test	Cl. 6.4 IEC 62660-2: 2018
702.		External Short Circuit	Cl. 6.4.1 IEC 62660-2: 2018

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Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Cells And Batteries		
703.		Overcharge	Cl. 6.4.2 IEC 62660-2: 2018
704.		Forced Discharge	Cl. 6.4.3 IEC 62660-2: 2018
705.	Secondary Lithium-Ion Cells for the Propulsion of Electric Road Vehicles Part 3 Safety Requirements	Measuring Instruments	Cl. 4.2 IEC 62660-3: 2022
706.		Range Of Measuring Devices	Cl. 4.2.1 IEC 62660-3: 2022
707.		Voltage Measurement	Cl. 4.2.2 IEC 62660-3: 2022
708.		Current Measurement	Cl. 4.2.3 IEC 62660-3: 2022
709.		Temperature Measurements	Cl. 4.2.4 IEC 62660-3: 2022
710.		Other Measurements	Cl. 4.2.5 IEC 62660-3: 2022
711.	Secondary Lithium-Ion Cells for the Propulsion of Electric Road Vehicles Part 3 Safety Requirements	Tolerance	Cl. 4.3 IEC 62660-3: 2022
712.		Thermal Stabilization	Cl. 4.4 IEC 62660-3: 2022
713.		Electrical Measurement	Cl. 5 IEC 62660-3: 2022
714.		General Charge Conditions	Cl. 5.1 IEC 62660-3: 2022

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Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Cells And Batteries		
715.		Capacity	Cl. 5.2 IEC 62660-3: 2022
716.		SOC Adjustment	Cl. 5.3 IEC 62660-3: 2022
717.		Safety Tests	Cl. 6 IEC 62660-3: 2022
718.		Mechanical Tests	Cl. 6.2 IEC 62660-3: 2022
719.		Mechanical Shock	Cl. 6.2.1 IEC 62660-3: 2022
720.		Crush	Cl. 6.2.2 IEC 62660-3: 2022
721.		Thermal Test	Cl. 6.3 IEC 62660-3: 2022
722.		High Temperature Endurance	Cl. 6.3.1 IEC 62660-3: 2022
723.		Temperature Cycling	Cl. 6.3.2 IEC 62660-3: 2022
724.		Electrical Tests	Cl. 6.4 IEC 62660-3: 2022
725.	Secondary Lithium-Ion Cells for the Propulsion of Electric Road Vehicles Part 3 Safety Requirements	External Short Circuit	Cl. 6.4.1 IEC 62660-3: 2022
726.		Overcharge	Cl. 6.4.2 IEC 62660-3: 2022

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Electrical Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Cells And Batteries		
727.		Forced Discharge	CI. 6.4.3 IEC 62660-3: 2022
728.		Internal Short Circuit Test	CI. 6.4.4 IEC 62660-3: 2022
729.		Forced Internal Short Circuit Test	CI. 6.4.4.2.1 IEC 62660-3: 2022



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Electrical Testing			
Sl. No.	Product(S)/Material Of Test	Specific Tests Performed	Test Method
	Lamps, Luminaires and Accessories		
1.	Self-Ballasted Led Lamps for General Lighting Services	Marking	Cl. No.: 5 IS 16102 (Part 1):2012
2.		Cap Interchangeability	Cl. No.: 6.1 IS 16102 (Part 1):2012
3.		Bending Moment, Axial Pull and Mass	Cl. No.: 6 IS 16102 (Part 1):2012
4.		Protection Against Accidental Contact with Live Parts	Cl. No.: 7 IS 16102 (Part 1):2012
5.		Insulation Resistance	Cl. No.: 8.1.1 IS 16102 (Part 1):2012
6.		Electric Strength	Cl. No.: 8.2 IS 16102 (Part 1):2012
7.		Mechanical Strength	Cl. No.: 9 IS 16102 (Part 1):2012
8.		Cap Temperature Rise	Cl. No.: 10 IS 16102 (Part 1):2012
9.		Resistance to Heat	Cl. No.: 11 IS 16102 (Part 1):2012
10.		Resistance to Flame and Ignition	Cl. No.: 12 IS 16102 (Part 1):2012
11.		Fault Condition	Cl. No.: 13 IS 16102 (Part 1):2012
12.		Creepage Distances and Clearances	Cl. No.: 14 IS 16102 (Part 1):2012
13.		Selection of Lamps for Tests	Cl. No.: 15 IS 16102 (Part 1):2012

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Electrical Testing			
Sl. No.	Product(S)/Material Of Test	Specific Tests Performed	Test Method
	Lamps, Luminaires and Accessories		
14.	Self-Ballasted Led Lamps for General Lighting Services	Conditions of Compliance	Cl. No.: 16 IS 16102 (Part 1):2012
15.	Luminaires Part 1 General Requirements and Test	Construction	Cl. No.: 4 IS 10322 (Part 1): 2014
16.		External And Internal Wiring	Cl. No.: 5 IS 10322 (Part 1): 2014
17.		Provision For Earthing	Cl. No.: 7 IS 10322 (Part 1): 2014
18.		Protection Against Electric Shock	Cl. No.: 8 IS 10322 (Part 1): 2014
19.		Resistance To Dust, Solid Objects and Moisture	Cl. No.: 9 IS 10322 (Part 1): 2014
20.		Insulation Resistance and Electric Strength	Cl. No.: 10 IS 10322 (Part 1): 2014
21.		Creepage Distances and Clearances	Cl. No.: 11 IS 10322 (Part 1): 2014
22.		Endurance Tests and Thermal Tests	Cl. No.: 12 IS 10322 (Part 1): 2014
23.		Resistance To Heat, Fire and Tracking	Cl. No.: 13 IS 10322 (Part 1): 2014
24.		Screw Terminals	Cl. No.: 14 IS 10322 (Part 1): 2014

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Electrical Testing			
Sl. No.	Product(S)/Material Of Test	Specific Tests Performed	Test Method
	Lamps, Luminares and Accessories		
25.		Screwless Terminals And Electrical Connections	Cl. No.: 15 IS 10322 (Part 1): 2014
26.	Fixed General-Purpose Luminares	Classification of Luminaire	Cl. No.: 5 IS 10322 (Part-5/Section-1): 2012
27.	Fixed General-Purpose Luminares	Marking	Cl. No.: 6 IS 10322 (Part-5/Section-1): 2012
28.		Construction	Cl. No.: 7 IS 10322 (Part-5/Section-1): 2012
29.		Creepage Distances and Clearances	Cl. No.: 8 IS 10322 (Part-5/Section-1): 2012
30.		Provision For Earthing	Cl. No.: 9 IS 10322 (Part-5/Section-1): 2012
31.		Terminals	Cl. No.: 10 IS 10322 (Part-5/Section-1): 2012
32.		External and Internal Wiring	Cl. No.: 11 IS 10322 (Part-5/Section-1): 2012
33.		Protection Against Electric Shock	Cl. No.: 12 IS 10322 (Part-5/Section-1): 2012
34.		Endurance Tests and Thermal Tests	Cl. No.: 13 IS 10322 (Part-5/Section-1): 2012



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Electrical Testing			
Sl. No.	Product(S)/Material Of Test	Specific Tests Performed	Test Method
	Lamps, Luminaires and Accessories		
35.		Resistance To Dust and Moisture	Cl. No.: 14 IS 10322 (Part-5/Section-1): 2012
36.		Insulation Resistance and Electric Strength	Cl. No.: 15 IS 10322 (Part-5/Section-1): 2012
37.	Fixed General-Purpose Luminaires	Resistance To Heat, Fire and Tracking	Cl. No.: 16 IS 10322 (Part-5/Section-1): 2012
38.	Recessed Luminaires	Classification Of Luminaires	Cl. No.: 5 IS 10322 (Part-5/Section-2): 2012
39.		Marking	Cl. No.: 6 IS 10322 (Part-5/Section-2): 2012
40.		Construction	Cl. No.: 7 IS 10322 (Part-5/Section-2): 2012
41.		Creepage Distances and Clearances	Cl. No.: 8 IS 10322 (Part-5/Section-2): 2012
42.		Provision For Earthing	Cl. No.: 9 IS 10322 (Part-5/Section-2): 2012
43.		Terminals	Cl. No.: 10 IS 10322 (Part-5/Section-2): 2012
44.		External And Internal Wiring	Cl. No.: 11 IS 10322 (Part-5/Section-2): 2012



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Electrical Testing			
Sl. No.	Product(S)/Material Of Test	Specific Tests Performed	Test Method
	Lamps, Luminaires and Accessories		
45.		Protection Against Electric Shock	Cl. No.: 12 IS 10322 (Part-5/Section-2): 2012
46.		Endurance Tests and Thermal Tests	Cl. No.: 13 IS 10322 (Part-5/Section-2): 2012
47.		Resistance To Dust and Moisture	Cl. No.: 14 IS 10322 (Part-5/Section-2): 2012
48.	Recessed Luminaires	Insulation Resistance and Electric Strength	Cl. No.: 15 IS 10322 (Part-5/Section-2): 2012
49.		Resistance to Heat, Fire and Tracking	Cl. No.: 16 IS 10322 (Part-5/Section-2): 2012
50.		Photometric Tests	Cl. No.: 17 IS 10322 (Part-5/Section-2): 2012
51.	Luminaires For Road and Street Lighting	Classification of Luminaires	Cl. No.: 5 IS 10322 (Part-5/Section-3): 2012
52.		Marking	Cl. No.: 6 IS 10322 (Part-5/Section-3): 2012
53.		Construction	Cl. No.: 7 IS 10322 (Part-5/Section-3): 2012
54.		Creepage Distances and Clearances	Cl. No.: 8 IS 10322 (Part-5/Section-3): 2012



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Electrical Testing			
Sl. No.	Product(S)/Material Of Test	Specific Tests Performed	Test Method
	Lamps, Luminaires and Accessories		
55.		Provision For Protective Earthing	Cl. No.: 9 IS 10322 (Part-5/Section-3): 2012
56.		Terminals	Cl. No.: 10 IS 10322 (Part-5/Section-3): 2012
57.		External And Internal Wiring	Cl. No.: 11 IS 10322 (Part-5/Section-3): 2012
58.		Protection Against Electric Shock	Cl. No.: 12 IS 10322 (Part-5/Section-3): 2012
59.		Endurance Tests and Thermal Tests	Cl. No.: 13 IS 10322 (Part-5/Section-3): 2012
60.	Luminaires For Road and Street Lighting	Resistance To Dust and Moisture	Cl. No.: 14 IS 10322 (Part-5/Section-3): 2012
61.		Insulation Resistance and Electric Strength	Cl. No.: 15 IS 10322 (Part-5/Section-3): 2012
62.		Resistance To Heat, Fire and Tracking	Cl. No.: 16 IS 10322 (Part-5/Section-3): 2012
63.		Photometric Tests	Cl. No.: 17 IS 10322 (Part-5/Section-3): 2012
64.	Flood Light	Classification of Luminaires	Cl. No.: 5 IS 10322 (Part-5/Section-5): 2013

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Electrical Testing			
Sl. No.	Product(S)/Material Of Test	Specific Tests Performed	Test Method
	Lamps, Luminaires and Accessories		
65.	Flood Light	Marking	Cl. No.: 6 IS 10322 (Part-5/Section-5): 2013
66.		Construction	Cl. No.: 7 IS 10322 (Part-5/Section-5): 2013
67.		Creepage Distance and Clearances	Cl. No.: 8 IS 10322 (Part-5/Section-5): 2013
68.		Provision For Earthing	Cl. No.: 9 IS 10322 (Part-5/Section-5): 2013
69.		Terminals	Cl. No.: 10 IS 10322 (Part-5/Section-5): 2013
70.		External And Internal Wiring	Cl. No.: 11 IS 10322 (Part-5/Section-5): 2013
71.		Protection Against Electric Shock	Cl. No.: 12 IS 10322 (Part-5/Section-5): 2013
72.		Endurance Tests and Thermal Tests	Cl. No.: 13 IS 10322 (Part-5/Section-5): 2013
73.		Resistance to Dust and Moisture	Cl. No.: 14 IS 10322 (Part-5/Section-5): 2013
74.		Insulation Resistance and Electric Strength	Cl. No.: 15 IS 10322 (Part-5/Section-5): 2013



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Electrical Testing			
Sl. No.	Product(S)/Material Of Test	Specific Tests Performed	Test Method
	Lamps, Luminaires and Accessories		
75.		Resistance to Heat, Fire and Tracking	Cl. No.: 16 IS 10322 (Part-5/Section-5): 2013
76.		Photometric Requirements	Cl. No.: 17 IS 10322 (Part-5/Section-5): 2013
77.	Hand Lamps	Classification of Luminaires	Cl. No.: 5 IS 10322 (Part-5/Section-6): 2013
78.		Marking	Cl. No.: 6 IS 10322 (Part-5/Section-6): 2013
79.		Construction	Cl. No.: 7 IS 10322 (Part-5/Section-6): 2013
80.		Creepage Distance and Clearance	Cl. No.: 8 IS 10322 (Part-5/Section-6): 2013
81.	Hand Lamps	Provision For Earthing	Cl. No.: 9 IS 10322 (Part-5/Section-6): 2013
82.		Terminals	Cl. No.: 10 IS 10322 (Part-5/Section-6): 2013
83.		External And Internal Wiring	Cl. No.: 11 IS 10322 (Part-5/Section-6): 2013
84.		Protection Against Electric Shock	Cl. No.: 12 IS 10322 (Part-5/Section-6): 2013



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Electrical Testing			
Sl. No.	Product(S)/Material Of Test	Specific Tests Performed	Test Method
	Lamps, Luminaires and Accessories		
85.		Endurance Tests and Thermal Tests	Cl. No.: 13 IS 10322 (Part-5/Section-6): 2013
86.		Resistance to Dust and Moisture	Cl. No.: 14 IS 10322 (Part-5/Section-6): 2013
87.		Insulation Resistance and Electric Strength	Cl. No.: 15 IS 10322 (Part-5/Section-6): 2013
88.		Resistance To Heat, Fire and Tracking	Cl. No.: 16 IS 10322 (Part-5/Section-6): 2013
89.	Lighting Chains	General Test Requirements	Cl. No.: 4 IS 10322 (Part-5/Section-7): 2017
90.		Classification Of Luminaires	Cl. No.: 5 IS 10322 (Part-5/Section-7): 2017
91.		Marking	Cl. No.: 6 IS 10322 (Part-5/Section-7): 2017
92.	Lighting Chains	Construction	Cl. No.: 7 IS 10322 (Part-5/Section-7): 2017
93.		Creepage Distances and Clearances	Cl. No.: 8 IS 10322 (Part-5/Section-7): 2017
94.		Provisions For Earthing	Cl. No.: 9 IS 10322 (Part-5/Section-7): 2017

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Electrical Testing			
Sl. No.	Product(S)/Material Of Test	Specific Tests Performed	Test Method
	Lamps, Luminaires and Accessories		
95.		Terminals	Cl. No.: 10 IS 10322 (Part-5/Section-7): 2017
96.		External And Internal Wiring	Cl. No.: 11 IS 10322 (Part-5/Section-7): 2017
97.		Protection Against Electric Shock	Cl. No.: 12 IS 10322 (Part-5/Section-7): 2017
98.		Endurance Tests and Thermal Tests	Cl. No.: 13 IS 10322 (Part-5/Section-7): 2017
99.		Resistance To Dust, Solid Objects and Moisture	Cl. No.: 14 IS 10322 (Part-5/Section-7): 2017
100.		Insulation Resistance and Electric Strength	Cl. No.: 15 IS 10322 (Part-5/Section-7): 2017
101.		Heat, Fire and Tracking	Cl. No.: 16 IS 10322 (Part-5/Section-7): 2017
102.	Emergency Lighting	Classification of Luminaires	Cl. No.: 5 IS 10322 (Part-5/Section-8): 2013
103.		Marking	Cl. No.: 6 IS 10322 (Part-5/Section-8): 2013



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Electrical Testing			
Sl. No.	Product(S)/Material Of Test	Specific Tests Performed	Test Method
	Lamps, Luminaires and Accessories		
104.		Construction	Cl. No.: 7 IS 10322 (Part-5/Section-8): 2013
105.		Creepage Distances and Clearances	Cl. No.: 8 IS 10322 (Part-5/Section-8): 2013
106.		Provision For Earthing	Cl. No.: 9 IS 10322 (Part-5/Section-8): 2013
107.		Terminals	Cl. No.: 10 IS 10322 (Part-5/Section-8): 2013
108.		External And Internal Wiring	Cl. No.: 11 IS 10322 (Part-5/Section-8): 2013
109.		Protection Against Electric Shock	Cl. No.: 12 IS 10322 (Part-5/Section-8): 2013
110.		Endurance Test and Thermal Test	Cl. No.: 13 IS 10322 (Part-5/Section-8): 2013
111.		Resistance To Dust and Moisture	Cl. No.: 14 IS 10322 (Part-5/Section-8): 2013
112.		Insulation Resistance and Electric Strength	Cl. No.: 15 IS 10322 (Part-5/Section-8): 2013
113.	Emergency Lighting	Resistance To Heat, Fire and Tracking	Cl. No.: 16 IS 10322 (Part-5/Section-8): 2013



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Electrical Testing			
Sl. No.	Product(S)/Material Of Test	Specific Tests Performed	Test Method
	Lamps, Luminaires and Accessories		
114.		Functional Safety	Cl. No.: 17 IS 10322 (Part-5/Section-8): 2013
115.		Changeover Operation	Cl. No.: 18 IS 10322 (Part-5/Section-8): 2013
116.		High Temperature Operation	Cl. No.: 19 IS 10322 (Part-5/Section-8): 2013
117.		Battery Chargers for Self-Contained Emergency Luminaires	Cl. No.: 20 IS 10322 (Part-5/Section-8): 2013
118.		Test Devices for Emergency Operation	Cl. No.: 21 IS 10322 (Part-5/Section-8): 2013
119.		Rest Mode and Inhibition Mode Facilities	Cl. No.: 22 IS 10322 (Part-5/Section-8): 2013
120.	Rope Lights	Classification Of Luminaires	Cl. No.: 21.5 IS 10322 (Part-5/Section-9): 2017
121.		Marking	Cl. No.: 21.6 IS 10322 (Part-5/Section-9): 2017
122.		Construction	Cl. No.: 21.7 IS 10322 (Part-5/Section-9): 2017
123.		Creepage Distances and Clearances	Cl. No.: 21.8 IS 10322 (Part-5/Section-9): 2017

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Electrical Testing			
Sl. No.	Product(S)/Material Of Test	Specific Tests Performed	Test Method
	Lamps, Luminaires and Accessories		
124.	Rope Lights	Provisions For Earthing	Cl. No.: 21.9 IS 10322 (Part-5/Section-9): 2017
125.		Terminals	Cl. No.: 21.10 IS 10322 (Part-5/Section-9): 2017
126.		External And Internal Wiring	Cl. No.: 21.11 IS 10322 (Part-5/Section-9): 2017
127.		Protection Against Electric Shock	Cl. No.: 21.12 IS 10322 (Part-5/Section-9): 2017
128.		Endurance Tests and Thermal Tests	Cl. No.: 21.13 IS 10322 (Part-5/Section-9): 2017
129.		Resistance To Dust, Solid Objects and Moisture	Cl. No.: 21.14 IS 10322 (Part-5/Section-9): 2017
130.		Insulation Resistance and Electric Strength	Cl. No.: 21.15 IS 10322 (Part-5/Section-9): 2017
131.		Resistance To Heat, Fire and Tracking	Cl. No.: 21.16 IS 10322 (Part-5/Section-9): 2017
132.	D.C. Or A.C. Supplied Electronic Control gear for LED Modules	Classification	Cl. No.: 6 IS 15885 (Part 2/Sec 13): 2012



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Sl. No.	Product(S)/Material Of Test	Specific Tests Performed	Test Method
	Lamps, Luminaires and Accessories		
133.		Marking	Cl. No.: 7 IS 15885 (Part 2/Sec 13): 2012
134.		Protection Against Accidental Contact with Live Parts	Cl. No.: 8 IS 15885 (Part 2/Sec 13): 2012
135.		Terminals	Cl. No.: 9 IS 15885 (Part 2/Sec 13): 2012
136.		Provisions For Protective Earthing	Cl. No.: 10 IS 15885 (Part 2/Sec 13): 2012
137.		Moisture Resistance and Insulation	Cl. No.: 11 IS 15885 (Part 2/Sec 13): 2012
138.	D.C. Or A.C. Supplied Electronic Controlgear for LED Modules	Electric Strength	Cl. No.: 12 IS 15885 (Part 2/Sec 13): 2012
139.		Thermal Endurance Test for Windings of Ballasts	Cl. No.: 13 IS 15885 (Part 2/Sec 13): 2012
140.		Fault Conditions	Cl. No.: 14 IS 15885 (Part 2/Sec 13): 2012
141.		Transformer Heating	Cl. No.: 15 IS 15885 (Part 2/Sec 13): 2012
142.		Construction	Cl. No.: 16 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, Luminaires and Accessories		
143.		Creepage Distances and Clearances	Cl. No.: 17 IS 15885 (Part 2/Sec 13): 2012
144.		Screws, Current-Carrying Parts and Connections	Cl. No.: 18 IS 15885 (Part 2/Sec 13): 2012
145.	D.C. Or A.C. Supplied Electronic Control gear for LED Modules	Resistance To Heat, Fire and Tracking	Cl. No.: 19 IS 15885 (Part 2/Sec 13): 2012
146.		Resistance To Corrosion	Cl. No.: 20 IS 15885 (Part 2/Sec 13): 2012
147.	Safety of Lamp Control gear	Classification	Cl. No.: 6 IS 15885 (Part 1): 2011
148.		Marking	Cl. No.: 7 IS 15885 (Part 1): 2011
149.		Terminals	Cl. No.: 8 IS 15885 (Part 1): 2011
150.		Provisions For Protective Earthing	Cl. No.: 9 IS 15885 (Part 1): 2011
151.		Protection Against Accidental Contact with Live Parts	Cl. No.: 10 IS 15885 (Part 1): 2011
152.		Moisture Resistance and Insulation	Cl. No.: 11 IS 15885 (Part 1): 2011



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Sl. No.	Product(S)/Material Of Test	Specific Tests Performed	Test Method
	Lamps, Luminaires and Accessories		
153.		Electric Strength	Cl. No.: 12 IS 15885 (Part 1): 2011
154.		Thermal Endurance Test for Windings Of Ballasts	Cl. No.: 13 IS 15885 (Part 1): 2011
155.		Fault Condition	Cl. No.: 14 IS 15885 (Part 1): 2011
156.	Safety of Lamp Controlgear	Construction	Cl. No.: 15 IS 15885 (Part 1): 2011
157.		Creepage Distances and Clearances	Cl. No.: 16 IS 15885 (Part 1): 2011
158.		Screws, Current-Carrying Parts and Connections	Cl. No.: 17 IS 15885 (Part 1): 2011
159.		Resistance To Heat, Fire and Tracking	Cl. No.: 18 IS 15885 (Part 1): 2011
160.		Resistance to Corrosion	Cl. No.: 19 IS 15885 (Part 1): 2011
161.	Led Modules for General Lighting	Classification	Cl. No.: 6 IS 16103 (Part 1): 2012
162.		Marking	Cl. No.: 7 IS 16103 (Part 1): 2012

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Scope of Accreditation

HT Product Services Private Limited
(Formerly Known as House of Testing)

A-22, Sector 83, Noida,

Gautam Budh Nagar-201305, Uttar Pradesh, India

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QAI/CIA/TL/2023/0023

Accreditation Standard: ISO/IEC 17025:2017

Electrical Testing			
Sl. No.	Product(S)/Material Of Test	Specific Tests Performed	Test Method
	Lamps, Luminaires and Accessories		
163.	Led Modules for General Lighting	Terminals	Cl. No.: 8 IS 16103 (Part 1): 2012
164.		Provisions For Protective Earthing	Cl. No.: 9 IS 16103 (Part 1): 2012
165.		Protection Against Accidental Contact with Live Parts	Cl. No.: 10 IS 16103 (Part 1): 2012
166.		Moisture Resistance and Insulation	Cl. No.: 11 IS 16103 (Part 1): 2012
167.		Electric Strength	Cl. No.: 12 IS 16103 (Part 1): 2012
168.		Fault Conditions	Cl. No.: 13 IS 16103 (Part 1): 2012
169.		Construction	Cl. No.: 15 IS 16103 (Part 1): 2012
170.		Creepage Distances and Clearances	Cl. No.: 16 IS 16103 (Part 1): 2012
171.		Screws, Current-Carrying Parts and Connections	Cl. No.: 17 IS 16103 (Part 1): 2012
172.		Resistance To Heat, Fire and Tracking	Cl. No.: 18 IS 16103 (Part 1): 2012

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Accreditation Standard: ISO/IEC 17025:2017

Electrical Testing			
Sl. No.	Product(S)/Material Of Test	Specific Tests Performed	Test Method
	Lamps, Luminaires and Accessories		
173.		Resistance To Corrosion	Cl. No.: 19 IS 16103 (Part 1): 2012
174.		Heat Management	Cl. No.: 21 IS 16103 (Part 1): 2012
175.		Classification	Cl. No.: 5 IS 16104: 2012
176.		Marking	Cl. No.: 6 IS 16104: 2012
177.	D.C. Or A.C. Supplied Electronic Control Gear for Led Modules - Performance Requirements	Output Voltage and Current	Cl. No.: 7 IS 16104: 2012
178.		Total Circuit Power	Cl. No.: 8 IS 16104: 2012
179.		Circuit Power Factor	Cl. No.: 9 IS 16104: 2012
180.		Supply Current	Cl. No.: 10 IS 16104: 2012
181.	D.C. Or A.C. Supplied Electronic Control Gear for Led Modules - Performance Requirements	Operational Tests for Abnormal Conditions	Cl. No.: 12 IS 16104: 2012
182.		Endurance	Cl. No.: 13 IS 16104: 2012
183.	Bayonet Lamp holders	General Conditions for Test	Cl. 5 of IS 1258: 2024/IEC 61184: 2017)
184.		Standard Ratings	Cl. 6 of IS 1258: 2024/IEC 61184: 2017)

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Electrical Testing			
Sl. No.	Product(S)/Material Of Test	Specific Tests Performed	Test Method
	Lamps, Luminaires and Accessories		
185.	Bayonet Lamp holders	(Classification)	Cl. 7 of IS 1258: 2024/IEC 61184: 2017)
186.		Marking	Cl. 8 of IS 1258: 2024/IEC 61184: 2017)
187.		Dimensions	Cl. 9 of IS 1258: 2024/IEC 61184: 2017)
188.		(Protection Against Electric Shock)	Cl. 10 of IS 1258: 2024/IEC 61184: 2017)
189.		Terminals	Cl. 11 of IS 1258: 2024/IEC 61184: 2017)
190.		Provision For Earthing)	Cl. 12 of IS 1258: 2024/IEC 61184: 2017)
191.		Construction	Cl. 13 of IS 1258: 2024/IEC 61184: 2017)
192.		Switched Lamp holders	Cl. 14 of IS 1258: 2024/IEC 61184: 2017)
193.		Moisture Resistance, Insulation Resistance and Electrical Strength	Cl. 15 of IS 1258: 2024/IEC 61184: 2017)
194.		Mechanical Strength	Cl. 16 of IS 1258: 2024/IEC 61184: 2017)

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Electrical Testing			
Sl. No.	Product(S)/Material Of Test	Specific Tests Performed	Test Method
	Lamps, Luminaires and Accessories		
195.		Screws, Current-Carrying Parts and Connections	Cl. 17 of IS 1258: 2024/IEC 61184: 2017)
196.		Creepage Distances and Clearances	Cl. 18 of IS 1258: 2024/IEC 61184: 2017)
197.		General Resistance to Heat	Cl. 19 of IS 1258: 2024/IEC 61184: 2017)
198.		Resistance To Heat, Re and Tracking	Cl. 20 of IS 1258: 2024/IEC 61184: 2017)
199.		(Resistance To Excessive Residual Stresses (Season Cracking) and to Rusting	Cl. 21 of IS 1258: 2024/IEC 61184: 2017)
200.		Season Cracking/Corrosion Test	Cl. Annex A of IS 1258: 2024/IEC 61184: 2017)
201.	Flashlight	Material And Construction	Cl. 4 of IS 2083:2024
202.		Finish	Cl. 5 of IS 2083:2024
203.		Dimensions	Cl. 6 of IS 2083:2024
204.		Marking	Cl. 7 of IS 2083:2024

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Electrical Testing			
Sl. No.	Product(S)/Material Of Test	Specific Tests Performed	Test Method
	Lamps, Luminaires and Accessories		
205.		Tests	Cl. 8 of IS 2083:2024
206.		Test For Finish	Cl. 9 of IS 2083:2024
207.		Test For Mechanical Assembly	Cl. 10 of IS 2083:2024
208.		Drop Test	Cl. 11 of IS 2083:2024
209.		Climatic Tests	Cl. 12 of IS 2083:2024
210.		Life Test for Switch	Cl. 13 of IS 2083:2024
211.		Insulation Resistance Test	Cl. 14 of IS 2083:2024
212.		Test For Contact Resistance of the Switch	Cl. 15 of IS 2083:2024
213.		Light Distribution Test	Cl. 16 of IS 2083:2024
214.	Flashlight	Lumen Depreciation Test for Led Flashlight	Cl. 17 of IS 2083:2024
215.		Circuit Current of Led Flashlight	Cl. 18 of IS 2083:2024



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Electrical Testing			
Sl. No.	Product(S)/Material Of Test	Specific Tests Performed	Test Method
	Lamps, Luminaires and Accessories		
216.		Test For Charging Current in Built-In Rechargeable Battery-Operated Flashlights	Cl. 19 of IS 2083:2024
217.		Test For Ingress Protection	Cl. 21 of IS 2083:2024
218.		Over Charge Protection in Rechargeable Flashlights with Built-In Charger/Separate Charger/ Solar Charger	Cl. 22 of IS 2083:2024
219.		Endurance Test for Rechargeable Flashlights	Cl. 23 of IS 2083:2024
220.		Thermal Test	Cl. 24 of IS 2083:2024
221.		Sampling Plan and Criteria for Conformity for Flashlights	ANNEX B of IS 2083:2024
222.		Requirements For Led/Led Modules as Light Source of Flashlight	ANNEX C of IS 2083:2024
223.	Flashlight	Accelerated Aging Test for Rubber or Other Elastomeric Compound	ANNEX D of IS 2083:2024

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Electrical Testing			
Sl. No.	Product(S)/Material Of Test	Specific Tests Performed	Test Method
	Lamps, Luminaires and Accessories		
224.	Self-Ballasted Led Lamps for General Lighting Services	Marking	Cl. No.: 5 IEC 62560:2015
225.		Cap Interchangeability	Cl. No.: 6 IEC 62560:2015
226.		Protection Against Accidental Contact with Live Parts	Cl. No.: 7 IEC 62560:2015
227.		Insulation Resistance and Electric Strength	Cl. No.: 8 IEC 62560:2015
228.		Mechanical Strength	Cl. No.: 9 IEC 62560:2015
229.		Cap Temperature Rise	Cl. No.: 10 IEC 62560:2015
230.		Resistance to Heat	Cl. No.: 11 IEC 62560:2015
231.		Resistance to Flame and Ignition	Cl. No.: 12 IEC 62560:2015
232.		Fault Conditions	Cl. No.: 13 IEC 62560:2015
233.		Creepage Distances and Clearances	Cl. No.: 14 IEC 62560:2015
234.		Classification of Luminaries	Cl. No.: 5 IEC 60598-1:2024

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Electrical Testing			
Sl. No.	Product(S)/Material Of Test	Specific Tests Performed	Test Method
	Lamps, Luminaires and Accessories		
235.	Luminaires Part 1 General Requirements and Test	Marking	Cl. No.: 6 IEC 60598-1:2024
236.		Construction	Cl. No.: 7 IEC 60598-1:2024
237.	Luminaires Part 1 General Requirements and Test	External and Internal Wiring	Cl. No.: 8 IEC 60598-1:2024
238.		Provision for Earthing	Cl. No.: 9 IEC 60598-1:2024
239.		Protection against Electric Shock	Cl. No.:10 IEC 60598-1:2024
240.		Resistance To Dust, Solid Objects and Moisture	Cl. No.:11 IEC 60598-1:2024
241.		Insulation Resistance and Electric Strength	Cl. No.:12 IEC 60598-1:2024
242.		Creepage Distances and Clearances	Cl. No.:13 IEC 60598-1:2024
243.		Endurance Tests and Thermal Tests	Cl. No.:14 IEC 60598-1:2024
244.		Resistance to Heat, Fire and Tracking	Cl. No.:15 IEC 60598-1:2024
245.		Screw Terminals	Cl. No.:16 IEC 60598-1:2024



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Electrical Testing			
Sl. No.	Product(S)/Material Of Test	Specific Tests Performed	Test Method
	Lamps, Luminaires and Accessories		
246.		Screwless Terminals and Electrical Connections	Cl. No.:17 IEC 60598-1:2024
247.	Fixed General-Purpose Luminaires	Classification of Luminaire	Cl. No.:1.5 IEC 60598-2-1: 2020
248.		Marking	Cl. No.:1.6 IEC 60598-2-1: 2020
249.		Construction	Cl. No.:1.7 IEC 60598-2-1: 2020
250.		Creepage Distances and Clearances	Cl. No.:1.8 IEC 60598-2-1: 2020
251.		Provision for Earthing	Cl. No.:1.9 IEC 60598-2-1: 2020
252.		Terminals	Cl. No.:1.10 IEC 60598-2-1: 2020
253.		External and Internal Wiring	Cl. No.:1.11 IEC 60598-2-1: 2020
254.		Protection against Electric Shock	Cl. No.:1.12 IEC 60598-2-1: 2020
255.		Endurance Tests and Thermal Tests	Cl. No.:1.13 IEC 60598-2-1: 2020
256.		Resistance To Dust and Moisture	Cl. No.:1.14 IEC 60598-2-1: 2020
257.		Insulation Resistance and Electric Strength, Touch Current	Cl. No.:1.15 IEC 60598-2-1: 2020

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Electrical Testing			
Sl. No.	Product(S)/Material Of Test	Specific Tests Performed	Test Method
	Lamps, Luminaires and Accessories		
		and Productive Conductor Current.	
258.		Resistance to Heat, Fire and Tracking	Cl. No.:1.16 IEC 60598-2-1: 2020
259.		Classification of Luminaires	Cl. No.:2.5 IEC 60598-2-2:2023
260.		Marking	Cl. No.:2.6 IEC 60598-2-2:2023
261.		Construction	Cl. No.:2.7 IEC 60598-2-2:2023
262.		Creepage Distances and Clearances	Cl. No.:2.8 IEC 60598-2-2:2023
263.		Provision for Earthing	Cl. No.:2.9 IEC 60598-2-2:2023
264.	Recessed Luminaires	Terminals	Cl. No.:2.10 IEC 60598-2-2:2023
265.		External and Internal Wiring	Cl. No.:2.11 IEC 60598-2-2:2023
266.		Protection against Electric Shock	Cl. No.:2.12 IEC 60598-2-2:2023
267.		Endurance Tests and Thermal Tests	Cl. No.:2.13 IEC 60598-2-2:2023
268.		Resistance To Dust and Moisture	Cl. No.:2.14 IEC 60598-2-2:2023

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Electrical Testing			
Sl. No.	Product(S)/Material Of Test	Specific Tests Performed	Test Method
	Lamps, Luminaires and Accessories		
269.	Luminaires For Road and Street Lighting	Insulation Resistance and Electric Strength	Cl. No.:2.15 IEC 60598-2-2:2023
270.		Resistance To Heat, Fire and Tracking	Cl. No.:2.16 IEC 60598-2-2:2023
271.		Classification of Luminaires	Cl. No.: 3.4 IEC 60598-2-3:2002
272.		Marking	Cl. No.: 3.5 IEC 60598-2-3:2002
273.		Construction	Cl. No.: 3.6 IEC 60598-2-3:2002
274.		Creepage Distances and Clearances	Cl. No.: 3.7 IEC 60598-2-3:2002
275.		Provision of Earthing	Cl. No.: 3.8 IEC 60598-2-3:2002
276.		Terminals	Cl. No.: 3.9 IEC 60598-2-3:2002
277.		External and Internal Wiring	Cl. No.: 3.10 IEC 60598-2-3:2002
278.		Protection against Electric Shock	Cl. No.: 3.11 IEC 60598-2-3:2002
279.		Endurance Tests and Thermal Tests	Cl. No.: 3.12 IEC 60598-2-3:2002

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Electrical Testing			
Sl. No.	Product(S)/Material Of Test	Specific Tests Performed	Test Method
	Lamps, Luminaires and Accessories		
280.		Resistance to Dust and Moisture	Cl. No.: 3.13 IEC 60598-2-3:2002
281.		Insulation Resistance and Electric Strength	Cl. No.: 3.14 IEC 60598-2-3:2002
282.		Resistance To Heat, Fire and Tracking	Cl. No.: 3.15 IEC 60598-2-3:2002
283.		Marking	Cl. No.: 5.5 IEC 60598-2-5:2015
284.	Flood Light	Construction	Cl. No.: 5.6 IEC 60598-2-5:2015
285.		Creepage Distance and Clearances	Cl. No.: 5.7 IEC 60598-2-5:2015
286.		Provision For Earthing	Cl. No.: 5.8 IEC 60598-2-5:2015
287.		Terminals	Cl. No.: 5.9 IEC 60598-2-5:2015
288.	Flood Light	External And Internal Wiring	Cl. No.: 5.10 IEC 60598-2-5:2015
289.		Protection Against Electric Shock	Cl. No.: 5.11 IEC 60598-2-5:2015
290.		Endurance Tests and Thermal Tests	Cl. No.: 5.12 IEC 60598-2-5:2015

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Electrical Testing			
Sl. No.	Product(S)/Material Of Test	Specific Tests Performed	Test Method
	Lamps, Luminaires and Accessories		
291.		Resistance To Dust and Moisture	Cl. No.: 5.13 IEC 60598-2-5:2015
292.		Insulation Resistance and Electric Strength	Cl. No.: 5.14 IEC 60598-2-5:2015
293.		Resistance To Heat, Fire and Tracking	Cl. No.: 5.15 IEC 60598-2-5:2015
294.	Lighting Chains	Classification Of Luminaires	Cl. No.: 20.5 IEC 60598-2-20:2022
295.	Lighting Chains	Marking	Cl. No.: 20.6 IEC 60598-2-20:2022
296.		Construction	Cl. No.: 20.7 IEC 60598-2-20:2022
297.		Creepage Distances and Clearances	Cl. No.: 20.8 IEC 60598-2-20:2022
298.		Provisions For Earthing	Cl. No.: 20.9 IEC 60598-2-20:2022
299.		Terminals	Cl. No.: 20.10 IEC 60598-2-20:2022
300.		External And Internal Wiring	Cl. No.: 20.11 IEC 60598-2-20:2022
301.		Protection Against Electric Shock	Cl. No.: 20.12 IEC 60598-2-20:2022

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Electrical Testing			
Sl. No.	Product(S)/Material Of Test	Specific Tests Performed	Test Method
	Lamps, Luminaires and Accessories		
302.		Endurance Tests and Thermal Tests	Cl. No.: 20.13 IEC 60598-2-20:2022
303.		Resistance To Dust, Solid Objects and Moisture	Cl. No.: 20.14 IEC 60598-2-20:2022
304.		Insulation Resistance and Electric Strength	Cl. No.: 20.15 IEC 60598-2-20:2022
305.		Resistance To Heat Fire and Tracking	Cl. No.: 20.16 IEC 60598-2-20:2022
306.	Emergency Lighting	Classification Of Luminaires	Cl. No.: 22.5 IEC 60598-2-22:2021
307.		Marking	Cl. No.: 22.6 IEC 60598-2-22:2021
308.		Construction	Cl. No.: 22.7 IEC 60598-2-22:2021
309.		Creepage Distances and Clearances	Cl. No.: 22.8 IEC 60598-2-22:2021
310.	Emergency Lighting	Provision For Earthing	Cl. No.: 22.9 IEC 60598-2-22:2021
311.		Terminals	Cl. No.: 22.10 IEC 60598-2-22:2021
312.		External and Internal Wiring	Cl. No.: 22.11 IEC 60598-2-22:2021

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Valid until: 02 February 2028

Accreditation Standard: ISO/IEC 17025:2017

Electrical Testing			
Sl. No.	Product(S)/Material Of Test	Specific Tests Performed	Test Method
	Lamps, Luminaires and Accessories		
313.		Protection against Electric Shock	Cl. No.: 22.12 IEC 60598-2-22:2021
314.		Endurance Test and Thermal Test	Cl. No.: 22.13 IEC 60598-2-22:2021
315.		Resistance To Dust and Moisture	Cl. No.: 22.14 IEC 60598-2-22:2021
316.		Insulation Resistance and Electric Strength	Cl. No.: 22.15 IEC 60598-2-22:2021
317.		Resistance To Heat, Fire and Tracking	Cl. No.: 22.16 IEC 60598-2-22:2021
318.		Photometric Data	Cl. No.: 22.17 IEC 60598-2-22:2021
319.		Changeover Operation	Cl. No.: 22.18 IEC 60598-2-22:2021
320.	Emergency Lighting	High Temperature Operation	Cl. No.: 22.19 IEC 60598-2-22:2021
321.		Battery Chargers for Self-Contained Emergency Luminaires	Cl. No.: 22.20 IEC 60598-2-22:2021
322.		Test Devices for Emergency Operation	Cl. No.: 22.21 IEC 60598-2-22:2021
323.	Rope Lights	Classification Of Luminaires	Cl. No.: 21.5 IEC 60598-2-21:2014

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Accreditation Standard: ISO/IEC 17025:2017

Electrical Testing			
Sl. No.	Product(S)/Material Of Test	Specific Tests Performed	Test Method
	Lamps, Luminaires and Accessories		
324.		Protection Against Electric Shock	Cl. No.: 21.5.2 IEC 60598-2-21:2014
325.		Protection Against Dust Solid Object and Moisture	Cl. No.: 21.5.3 IEC 60598-2-21:2014
326.		Marking	Cl. No.: 21.6 IEC 60598-2-21:2014
327.		Construction	Cl. No.: 21.7 IEC 60598-2-21:2014
328.		Creepage Distances and Clearances	Cl. No.: 21.8 IEC 60598-2-21:2014
329.		Provisions For Earthing	Cl. No.: 21.9 IEC 60598-2-21:2014
330.		Terminals	Cl. No.: 21.10 IEC 60598-2-21:2014
331.	Rope Lights	External and Internal Wiring	Cl. No.: 21.11 IEC 60598-2-21:2014
332.		Protection Against Electric Shock	Cl. No.: 21.12 IEC 60598-2-21:2014
333.		Endurance Tests and Thermal Tests	Cl. No.: 21.13 IEC 60598-2-21:2014
334.		Resistance To Dust Solid Objects and Moisture	Cl. No.: 21.14 IEC 60598-2-21:2014

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Accreditation Standard: ISO/IEC 17025:2017

Electrical Testing			
Sl. No.	Product(S)/Material Of Test	Specific Tests Performed	Test Method
	Lamps, Luminaires and Accessories		
335.		Insulation Resistance and Electric Strength	Cl. No.: 21.15 IEC 60598-2-21:2014
336.		Resistance To Heat Fire and Tracking	Cl. No.: 21.16 IEC 60598-2-21:2014
337.	D.C. Or A.C. Supplied Electronic Controlgear for LED Modules	Terminals	Cl. No.: 7 IEC 61347-2-13:2024
338.		Earthing	Cl. No.: 8 IEC 61347-2-13:2024
339.		Protection against accidental contact with live parts	Cl. No.: 9 IEC 61347-2-13:2024
340.		Insulation Resistance and Electrical Strength	Cl. No.: 10 IEC 61347-2-13:2024
341.	D.C. or A.C. Supplied Electronic Controlgear for LED Modules	Fault Conditions	Cl. No.: 11 IEC 61347-2-13:2024
342.		Construction	Cl. No.: 12 IEC 61347-2-13:2024
343.		Creepage Distances and Clearances	Cl. No.: 13 IEC 61347-2-13:2024

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Accreditation Standard: ISO/IEC 17025:2017

Electrical Testing			
Sl. No.	Product(S)/Material Of Test	Specific Tests Performed	Test Method
	Lamps, Luminaires and Accessories		
344.		Screws, Current-Carrying Parts and Connections	Cl. No.: 14 IEC 61347-2-13:2024
345.		Resistance To Heat, Fire and Tracking	Cl. No.: 15 IEC 61347-2-13:2024
346.		Output Working Voltage	Cl. No.: 17 IEC 61347-2-13:2024
347.	Led Modules for General Lighting	Marking	Cl. No.:6 IEC 62031:2018
348.		Terminals	Cl. No.:7 IEC 62031:2018
349.		Earthing	Cl. No.:8 IEC 62031:2018
350.		Protection against Accidental Contact with Live Parts	Cl. No.:9 IEC 62031:2018
351.		Moisture Resistance and Insulation	Cl. No.:10 IEC 62031:2018
352.	Led Modules for General Lighting	Electric Strength	Cl. No.:11 IEC 62031:2018
353.		Fault Conditions	Cl. No.:12 IEC 62031:2018



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Electrical Testing			
Sl. No.	Product(S)/Material Of Test	Specific Tests Performed	Test Method
	Lamps, Luminaires and Accessories		
354.		Construction	Cl. No.:14 IEC 62031:2018
355.		Creepage Distances and Clearances	Cl. No.:15 IEC 62031:2018
356.		Screws, Current-Carrying Parts and Connections	Cl. No.:16 IEC 62031:2018
357.		Resistance To Heat, Fire and Tracking	Cl. No.:17 IEC 62031:2018
358.		Resistance To Corrosion	Cl. No.:18 IEC 62031:2018
359.	D.C. Or A.C. Supplied Electronic Control Gear for Led Modules- Performance Requirements	Classification	Cl. No.:5 IEC 62384:2020
360.		Marking	Cl. No.:6 IEC 62384:2020
361.		Output Voltage and Current	Cl. No.:7 IEC 62384:2020
362.		Total Circuit Power	Cl. No.:8 IEC 62384:2020
363.		Circuit Power Factor	Cl. No.:9 IEC 62384:2020
364.		Supply Current	Cl. No.:10 IEC 62384:2020



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Electrical Testing			
Sl. No.	Product(S)/Material Of Test	Specific Tests Performed	Test Method
	Lamps, Luminaires and Accessories		
365.	D.C. Or A.C. Supplied Electronic Control Gear for Led Modules- Performance Requirements	Endurance	Cl. No.:12 IEC 62384:2020
366.	Hand Lamps	Classification of Luminaires	Cl. No.: 8.5 IEC 60598-2-8:2013
367.		Marking	Cl. No.: 8.6 IEC 60598-2-8:2013
368.		Construction	Cl. No.: 8.7 IEC 60598-2-8:2013
369.		Creepage Distance and Clearance	Cl. No.: 8.8 IEC 60598-2-8:2013
370.		Provision For Earthing	Cl. No.: 8.9 IEC 60598-2-8:2013
371.		Terminals	Cl. No.: 8.10 IEC 60598-2-8:2013
372.		External And Internal Wiring	Cl. No.: 8.11 IEC 60598-2-8:2013
373.		Protection Against Electric Shock	Cl. No.: 8.12 IEC 60598-2-8:2013
374.		Endurance Tests and Thermal Tests	Cl. No.: 8.13 IEC 60598-2-8:2013

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Electrical Testing			
Sl. No.	Product(S)/Material Of Test	Specific Tests Performed	Test Method
	Lamps, Luminaires and Accessories		
375.		Resistance To Dust and Moisture	Cl. No.: 8.14 IEC 60598-2-8:2013
376.	Hand Lamps	Insulation Resistance and Electric Strength	Cl. No.: 8.15 IEC 60598-2-8:2013
377.		Resistance To Heat, Fire and Tracking	Cl. No.: 8.16 IEC 60598-2-8:2013



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Electronic Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	IT Equipment		
1.	CPU / Disk Drives / Optical Devices / Solid State Drives / DIMM/ Main Board/GPU/USB Devices/Wi-Fi Hub/ PCI Extension Cards / Keyboards/ Monitors / Vdus / Modem/ Network Devices/Personal Computers / Laptop / Note Book/Tablets/ Printers / Scanner/Copier/ Servers and Other Information Technology Equipment	Components	Cl 1.5, Cl. 1.5.1, Cl. 1.5.2, Cl. 1.5.3, Cl. 1.5.4, Cl. 1.5.5, Cl. 1.5.6, Cl. 1.5.7, Cl. 1.5.8, Cl. 1.5.9 IS 13252 (Part 1): 2010 + A1: 2013 + A2: 2015 / IEC 60950-1: 2005 + A1:2009 + A2: 2013
2.		Power Interface	Cl 1.6, Cl 1.6.1, Cl 1.6.2, Cl. 1.6.3, Cl. 1.6.4 IS 13252 (Part 1): 2010 + A1: 2013 + A2: 2015 / IEC 60950-1: 2005 + A1:2009 + A2: 2013
3.		Marking And Instructions	Cl 1.7, Cl 1.7.1, Cl 1.7.2, Cl. 1.7.3, Cl. 1.7.4, Cl. 1.7.5, Cl. 1.7.6, Cl. 1.7.7, Cl. 1.7.8, Cl. 1.7.9, Cl. 1.7.10, Cl. 1.7.11, Cl. 1.7.12, Cl. 1.7.13, Cl. 1.7.14 IS 13252 (Part 1): 2010 + A1: 2013 + A2: 2015 / IEC 60950-1: 2005 + A1:2009 + A2: 2013
4.		Protection From Hazards	Cl. 2, Cl. 2.1, Cl. 2.1.1, Cl. 2.1.1.1, Cl. 2.1.1.2, Cl. 2.1.1.3, Cl. 2.1.1.4, Cl. 2.1.1.5, Cl. 2.1.1.6, Cl. 2.1.1.7, Cl. 2.1.1.8, Cl. 2.1.1.9, Cl. 2.1.2,



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Electronic Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	IT Equipment		
			Cl. 2.1.3 IS 13252 (Part 1): 2010 + A1: 2013 + A2: 2015 / IEC 60950-1: 2005 + A1:2009 + A2: 2013
5.	CPU / Disk Drives / Optical Devices /Solid State Drives /DIMM/ Main Board/GPU/USB Devices/Wi-Fi Hub/ PCI Extension Cards / Keyboards/ Monitors / Vdus / Modem/ Network Devices/Personal Computers / Laptop / Note Book/Tablets/ Printers / Scanner/Copier/ Servers and Other Information Technology Equipment	SELV Circuit	Cl. 2.2, Cl. 2.2.1, Cl. 2.2.2, Cl. 2.2.3, Cl. 2.2.4 IS 13252 (Part 1): 2010 + A1: 2013 + A2: 2015 / IEC 60950-1: 2005 + A1:2009 + A2: 2013
6.		TNV Circuit	Cl. 2.3, Cl. 2.3.1, Cl. 2.3.2, Cl. 2.3.2.1, Cl. 2.3.2.2, Cl. 2.3.2.3, Cl. 2.3.2.4, Cl. 2.3.3, Cl. 2.3.4, Cl. 2.3.5 IS 13252 (Part 1): 2010 + A1: 2013 + A2: 2015 / IEC 60950-1: 2005 + A1:2009 + A2: 2013
7.		Limited Current Circuit	Cl.2.4, Cl. 2.4.1, Cl. 2.4.2, Cl. 2.4.3 IS 13252 (Part 1): 2010 + A1: 2013 + A2: 2015 / IEC 60950-1: 2005 + A1:2009 + A2: 2013
8.		Limited Power Source	Cl. 2.5 IS 13252 (Part 1): 2010 + A1: 2013 + A2: 2015 / IEC 60950-1: 2005 + A1:2009 + A2: 2013
9.		Provision For Earthing and Bonding	Cl. 2.6, Cl. 2.6.1, Cl. 2.6.2, Cl. 2.6.3, Cl. 2.6.3.1, Cl. 2.6.3.2, Cl. 2.6.3.3,

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Electronic Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	IT Equipment		
			Cl. 2.6.3.4, Cl. 2.6.3.5, Cl. 2.6.4, Cl. 2.6.4.1, Cl. 2.6.4.2, Cl. 2.6.4.3, Cl. 2.6.5, Cl. 2.6.5.1, Cl. 2.6.5.2, Cl. 2.6.5.3, Cl. 2.6.5.4, Cl. 2.6.5.5, Cl. 2.6.5.6, Cl. 2.6.5.7, Cl. 2.6.5.8 IS 13252 (Part 1): 2010 + A1: 2013 + A2: 2015 / IEC 60950-1: 2005 + A1:2009 + A2: 2013
10.	CPU / Disk Drives / Optical Devices /Solid State Drives /DIMM/ Main Board/GPU/USB Devices/Wi-Fi Hub/ PCI Extension Cards / Keyboards/ Monitors / Vdus / Modem/ Network Devices/Personal Computers / Laptop / Note Book/Tablets/ Printers / Scanner/Copier/ Servers and Other Information Technology Equipment	Overcurrent And Earth Fault Protection in Primary Circuit	Cl. 2.7, Cl. 2.7.1, Cl. 2.7.2, Cl. 2.7.3, Cl. 2.7.4, Cl. 2.7.5, Cl. 2.7.6, IS 13252 (Part 1): 2010 + A1: 2013 + A2: 2015 / IEC 60950-1: 2005 + A1:2009 + A2: 2013
11.		Safety Interlock	Cl. 2.8, Cl. 2.8.1, Cl. 2.8.2, Cl. 2.8.3, Cl. 2.8.4, Cl. 2.8.5, Cl. 2.8.6, Cl. 2.8.7, Cl. 2.8.7.1, Cl. 2.8.7.2, Cl. 2.8.7.3, Cl. 2.8.7.4, Cl. 2.8.8 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		
12.		Electrical Insulation	CI 2, CI. 2.9, CI. 2.9.1, CI. 2.9.2, CI. 2.9.3, CI. 2.9.4 IS 13252 (Part 1): 2010 + A1: 2013 + A2: 2015 / IEC 60950-1: 2005 + A1:2009 + A2: 2013



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13.	CPU / Disk Drives / Optical Devices /Solid State Drives /DIMM/ Main Board/GPU/USB Devices/Wi-Fi Hub/ PCI Extension Cards / Keyboards/ Monitors / Vdus / Modem/ Network Devices/Personal Computers / Laptop / Note Book/Tablets/ Printers / Scanner/Copier/ Servers and Other Information Technology Equipment	Clearances, Creepage Distances and Distance Through Insulation	Cl.2, Cl. 2.10, Cl. 2.10.1, Cl. 2.10.1.1, Cl. 2.10.1.2, Cl. 2.10.1.3, Cl. 2.10.1.4, Cl. 2.10.1.5, Cl. 2.10.1.6, Cl. 2.10.1.7, Cl. 2.10.2, Cl. 2.10.2.1, Cl. 2.10.2.2, Cl. 2.10.2.3, Cl. 2.10.3, Cl. 2.10.3.1, Cl. 2.10.3.2, Cl. 2.10.3.3, Cl. 2.10.3.4, Cl. 2.10.3.5, Cl. 2.10.3.6, Cl. 2.10.3.7, Cl. 2.10.3.8, Cl. 2.10.3.9, Cl. 2.10.4, Cl. 2.10.4.1, Cl. 2.10.4.2, Cl. 2.10.4.3, Cl. 2.10.5, Cl. 2.10.5.1, Cl. 2.10.5.2, Cl. 2.10.5.3, Cl. 2.10.5.4, Cl. 2.10.5.5, Cl. 2.10.5.6, Cl. 2.10.5.7, Cl. 2.10.5.8, Cl. 2.10.5.9, Cl. 2.10.5.10, Cl. 2.10.5.11, Cl. 2.10.5.12, Cl. 2.10.5.13, Cl. 2.10.5.14, Cl. 2.10.6, Cl. 2.10.6.1, Cl. 2.10.6.2, Cl. 2.10.6.3, Cl. 2.10.6.4, Cl. 2.10.7, Cl. 2.10.8, Cl. 2.10.8.1, Cl. 2.10.8.2, Cl. 2.10.8.3, Cl. 2.10.8.4, Cl. 2.10.9, Cl. 2.10.10, Cl. 2.10.11, Cl. 2.10.12, IS 13252 (Part 1): 2010 + A1: 2013 + A2: 2015 / IEC 60950-1: 2005 + A1:2009 + A2: 2013
14.	CPU / Disk Drives / Optical Devices /Solid State Drives /DIMM/ Main Board/GPU/USB	Wiring, Connections and Supply (General)	Cl 3, Cl. 3.1, Cl. 3.1.1,

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Quality And Accreditation Institute

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Scope of Accreditation

HT Product Services Private Limited
(Formerly Known as House of Testing)

A-22, Sector 83, Noida,

Gautam Budh Nagar-201305, Uttar Pradesh, India

(Address change from B-78 (Basement, 1st, 4th, 5th floor), Sector-5, Gautam Budh Nagar, Noida-201301, Uttar Pradesh, India to A-22, Sector 83, Noida, Gautam Budh Nagar-201305, Uttar Pradesh, India w.e.f. 23 September 2026)

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Address Change w.e.f: 23 September 2026

Valid until: 02 February 2028

QAI/CIA/TL/2023/0023

Accreditation Standard: ISO/IEC 17025:2017

Electronic Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	IT Equipment		
	Devices/Wi-Fi Hub/ PCI Extension Cards / Keyboards/ Monitors / Vdus / Modem/ Network Devices/Personal Computers / Laptop / Note Book/Tablets/ Printers / Scanner/Copier/ Servers and Other Information Technology Equipment		Cl. 3.1.2, Cl. 3.1.3, Cl. 3.1.4, Cl. 3.1.5, Cl. 3.1.6, Cl. 3.1.7, Cl. 3.1.8, Cl. 3.1.9, Cl. 3.1.10, IS 13252 (Part 1): 2010 + A1: 2013 + A2: 2015 / IEC 60950-1: 2005 + A1:2009 + A2 : 2013
15.	CPU / Disk Drives / Optical Devices /Solid State Drives /DIMM/ Main Board/GPU/USB Devices/Wi-Fi Hub/ PCI Extension Cards / Keyboards/ Monitors / Vdus / Modem/ Network Devices/Personal Computers / Laptop / Note Book/Tablets/ Printers / Scanner/Copier/	Connection To Mains Supply	Cl. 3.2, Cl. 3.2.1, Cl. 3.2.1.1, Cl. 3.2.1.2, Cl. 3.2.2, Cl. 3.2.3, Cl. 3.2.4, Cl. 3.2.5, Cl. 3.2.5.1, Cl. 3.2.5.2

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QAI/CIA/TL/2023/0023

Accreditation Standard: ISO/IEC 17025:2017

Electronic Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	IT Equipment		
	Servers and Other Information Technology Equipment		Cl. 3.2.6, Cl. 3.2.7, Cl. 3.2.8, Cl. 3.2.9 IS 13252 (Part 1): 2010 + A1: 2013 + A2: 2015 / IEC 60950-1: 2005 + A1:2009 + A2 : 2013
16.	CPU / Disk Drives / Optical Devices /Solid State Drives /DIMM/ Main Board/GPU/USB Devices/Wi-Fi Hub/ PCI Extension Cards / Keyboards/ Monitors / Vdus / Modem/ Network Devices/Personal Computers / Laptop / Note Book/Tablets/ Printers / Scanner/Copier/ Servers and Other Information Technology Equipment	Connection To Mains Supply	Cl 3, Cl. 3.3, Cl. 3.3.1, Cl. 3.3.2, Cl. 3.3.3, Cl. 3.3.4, Cl. 3.3.5, Cl. 3.3.6, Cl. 3.3.7, Cl. 3.3.8 IS 13252 (Part 1): 2010 + A1: 2013 + A2: 2015 / IEC 60950-1: 2005 + A1:2009 + A2 : 2013
17.	CPU / Disk Drives / Optical Devices /Solid State Drives	Disconnection From the Mains Supply	Cl. 3.4, Cl. 3.4.1,



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Accreditation Standard: ISO/IEC 17025:2017

Electronic Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	IT Equipment		
	/DIMM/ Main Board/GPU/USB Devices/Wi-Fi Hub/ PCI Extension Cards / Keyboards/ Monitors / Vdus / Modem/ Network Devices/Personal Computers / Laptop / Note Book/Tablets/ Printers / Scanner/Copier/ Servers and Other Information Technology Equipment		Cl. 3.4.2, Cl. 3.4.3, Cl. 3.4.4, Cl. 3.4.5, Cl. 3.4.6, Cl. 3.4.7, Cl. 3.4.8, Cl. 3.4.9, Cl. 3.4.10, Cl. 3.4.11 IS 13252 (Part 1): 2010 + A1: 2013 + A2: 2015 / IEC 60950-1: 2005 + A1:2009 + A2: 2013
18.	CPU / Disk Drives / Optical Devices /Solid State Drives /DIMM/ Main Board/GPU/USB Devices/Wi-Fi Hub/ PCI Extension Cards / Keyboards/ Monitors / Vdus / Modem/ Network Devices/Personal Computers / Laptop / Note Book/Tablets/ Printers /	Interconnection Of Equipment	Cl. 3.5, Cl. 3.5.1, Cl. 3.5.2, Cl. 3.5.3, Cl. 3.5.4, IS 13252 (Part 1): 2010 + A1: 2013 + A2: 2015 / IEC 60950-1: 2005 + A1:2009 + A2: 2013

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Accreditation Standard: ISO/IEC 17025:2017

Electronic Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	IT Equipment		
	Scanner/Copier/ Servers and Other Information Technology Equipment		
19.	CPU / Disk Drives / Optical Devices /Solid State Drives /DIMM/ Main Board/GPU/USB Devices/Wi-Fi Hub/ PCI Extension Cards / Keyboards/ Monitors / Vdus / Modem/ Network Devices/Personal Computers / Laptop / Note Book/Tablets/ Printers / Scanner/Copier/ Servers and Other Information Technology Equipment	Physical Requirements (Stability)	Cl 4, Cl. 4.1 IS 13252 (Part 1): 2010 + A1: 2013 + A2 : 2015 / IEC 60950-1: 2005 + A1:2009 + A2 : 2013
20.	CPU / Disk Drives / Optical Devices /Solid State Drives /DIMM/ Main Board/GPU/USB Devices/Wi-Fi Hub/ PCI Extension Cards / Keyboards/ Monitors / Vdus / Modem/ Network Devices/Personal	Mechanical Strength	Cl. 4.2, Cl. 4.2.1, Cl. 4.2.2, Cl. 4.2.3, Cl. 4.2.4, Cl. 4.2.5, Cl. 4.2.6, Cl. 4.2.7,

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Accreditation Standard: ISO/IEC 17025:2017

Electronic Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	IT Equipment		
	Computers / Laptop / Note Book/Tablets/ Printers / Scanner/Copier/ Servers and Other Information Technology Equipment		Cl. 4.2.8, Cl. 4.2.9, Cl. 4.2.10 IS 13252 (Part 1): 2010 + A1: 2013 + A2 : 2015 / IEC 60950-1: 2005 + A1:2009 + A2 : 2013
21.	CPU / Disk Drives / Optical Devices /Solid State Drives /DIMM/ Main Board/GPU/USB Devices/Wi-Fi Hub/ PCI Extension Cards / Keyboards/ Monitors / Vdus / Modem/ Network Devices/Personal Computers / Laptop / Note Book/Tablets/ Printers / Scanner/Copier/ Servers and Other Information Technology Equipment	Design And Construction	Cl 4.3, Cl. 4.3.1, Cl. 4.3.2, Cl. 4.3.3, Cl. 4.3.4, Cl. 4.3.5, Cl. 4.3.6, Cl. 4.3.7, Cl. 4.3.8, Cl. 4.3.9, Cl. 4.3.10, Cl. 4.3.11, Cl. 4.3.12, Cl. 4.3.13, Cl. 4.3.13.1, Cl. 4.3.13.2,



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Electronic Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	IT Equipment		
			Cl. 4.3.13.3, Cl. 4.3.13.4, Cl. 4.3.13.5, Cl. 4.3.13.6 IS 13252 (Part 1): 2010 + A1: 2013 + A2: 2015 / IEC 60950-1: 2005 + A1:2009 + A2: 2013
22.	CPU / Disk Drives / Optical Devices /Solid State Drives /DIMM/ Main Board/GPU/USB Devices/Wi-Fi Hub/ PCI Extension Cards / Keyboards/ Monitors / Vdus / Modem/ Network Devices/Personal Computers / Laptop / Note Book/Tablets/ Printers / Scanner/Copier/ Servers and Other Information Technology Equipment	Protection Against Hazardous Moving Parts	Cl 4.4, Cl. 4.4, Cl. 4.4.1, Cl. 4.4.2, Cl. 4.4.3, Cl. 4.4.4, Cl 4.4.5 IS 13252 (Part 1): 2010 + A1: 2013 + A2: 2015 / IEC 60950-1: 2005 + A1:2009 + A2: 2013
23.	CPU / Disk Drives / Optical Devices /Solid State Drives /DIMM/ Main Board/GPU/USB	Thermal Requirements	Cl. 4.5, Cl. 4.5.1, Cl. 4.5.2, Cl. 4.5.3,

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Electronic Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	IT Equipment		
	Devices/Wi-Fi Hub/ PCI Extension Cards / Keyboards/ Monitors / Vdus / Modem/ Network Devices/Personal Computers / Laptop / Note Book/Tablets/ Printers / Scanner/Copier/ Servers and Other Information Technology Equipment		Cl. 4.5.4, Cl. 4.5.5, IS 13252 (Part 1): 2010 + A1: 2013 + A2: 2015 / IEC 60950-1: 2005 + A1:2009 + A2 : 2013
24.	CPU / Disk Drives / Optical Devices /Solid State Drives /DIMM/ Main Board/GPU/USB Devices/Wi-Fi Hub/ PCI Extension Cards / Keyboards/ Monitors / Vdus / Modem/ Network Devices/Personal Computers / Laptop / Note Book/Tablets/ Printers / Scanner/Copier/ Servers and Other Information Technology Equipment	Openings In Enclosure	Cl. 4.6, Cl. 4.6.1, Cl. 4.6.2, Cl. 4.6.3, Cl. 4.6.4, Cl. 4.6.4.1, Cl. 4.6.4.2, Cl. 4.6.5 IS 13252 (Part 1): 2010 + A1: 2013 + A2 : 2015 / IEC 60950-1: 2005 + A1:2009 + A2 : 2013



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Electronic Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	IT Equipment		
25.	CPU / Disk Drives / Optical Devices /Solid State Drives /DIMM/ Main Board/GPU/USB Devices/Wi-Fi Hub/ PCI Extension Cards / Keyboards/ Monitors / Vdus / Modem/ Network Devices/Personal Computers / Laptop / Note Book/Tablets/ Printers / Scanner/Copier/ Servers and Other Information Technology Equipment	Resistance To Fire	Cl. 4.7, Cl. 4.7.1, Cl. 4.7.2, Cl. 4.7.2.1, Cl. 4.7.2.2, Cl. 4.7.3, Cl. 4.7.3.1, Cl. 4.7.3.2, Cl. 4.7.3.3, Cl. 4.7.3.4, Cl. 4.7.3.5, Cl. 4.7.3.6 IS 13252 (Part 1): 2010 + A1: 2013 + A2: 2015 / IEC 60950-1: 2005 + A1:2009 + A2: 2013
26.	CPU / Disk Drives / Optical Devices /Solid State Drives /DIMM/ Main Board/GPU/USB Devices/Wi-Fi Hub/ PCI Extension Cards / Keyboards/ Monitors / Vdus / Modem/ Network Devices/Personal Computers / Laptop / Note	Electrical Requirements and Simulated Abnormal Conditions (Touch Current and Protective Conductor Current)	Cl 5, Cl. 5.1, Cl. 5.1.1, Cl. 5.1.2, Cl. 5.1.2.1, Cl. 5.1.2.2, Cl. 5.1.2.3, Cl. 5.1.3, Cl. 5.1.4,

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Accreditation Standard: ISO/IEC 17025:2017

Electronic Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	IT Equipment		
	Book/Tablets/ Printers / Scanner/Copier/ Servers and Other Information Technology Equipment		Cl. 5.1.5, Cl. 5.1.6, Cl. 5.1.7, Cl. 5.1.7.1, Cl. 5.1.7.2, Cl. 5.1.8, Cl. 5.1.8.1, Cl. 5.1.8.2 IS 13252 (Part 1): 2010 + A1: 2013 + A2: 2015 / IEC 60950-1: 2005 + A1:2009 + A2: 2013
27.	CPU / Disk Drives / Optical Devices /Solid State Drives /DIMM/ Main Board/GPU/USB Devices/Wi-Fi Hub/ PCI Extension Cards / Keyboards/ Monitors / Vdus / Modem/ Network Devices/Personal Computers / Laptop / Note Book/Tablets/ Printers / Scanner/Copier/	Electric Strength	Cl 5.2, Cl 5.2.1, Cl 5.2.2, 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		
	Servers and Other Information Technology Equipment		
28.	CPU / Disk Drives / Optical Devices /Solid State Drives /DIMM/ Main Board/GPU/USB Devices/Wi-Fi Hub/ PCI Extension Cards / Keyboards/ Monitors / Vdus / Modem/ Network Devices/Personal Computers / Laptop / Note Book/Tablets/ Printers / Scanner/Copier/ Servers and Other Information Technology Equipment	Abnormal Operating and Fault Conditions	CI 5.3, CI 5.3.1, CI 5.3.2, CI 5.3.3, CI 5.3.4, CI 5.3.5, CI 5.3.6, CI 5.3.7, CI 5.3.8, CI 5.3.9, CI 5.3.9.1, CI 5.3.9.2 IS 13252 (Part 1): 2010 + A1: 2013 + A2: 2015 / IEC 60950-1: 2005 + A1:2009 + A2: 2013
29.	CPU / Disk Drives / Optical Devices /Solid State Drives /DIMM/ Main Board/GPU/USB Devices/Wi-Fi Hub/ PCI Extension Cards / Keyboards/	Connection To Telecommunication Networks	CI 6, CI 6.1, CI 6.1.1, CI 6.1.2, CI 6.1.2.1, CI 6.1.2,

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Accreditation Standard: ISO/IEC 17025:2017

Electronic Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	IT Equipment		
	Monitors / Vdus / Modem/ Network Devices/Personal Computers / Laptop / Note Book/Tablets/ Printers / Scanner/Copier/ Servers and Other Information Technology Equipment		CI 6.1.2.2, IS 13252 (Part 1): 2010 + A1: 2013 + A2: 2015 / IEC 60950-1: 2005 + A1:2009 + A2: 2013
30.	CPU / Disk Drives / Optical Devices /Solid State Drives /DIMM/ Main Board/GPU/USB Devices/Wi-Fi Hub/ PCI Extension Cards / Keyboards/ Monitors / Vdus / Modem/ Network Devices/Personal Computers / Laptop / Note Book/Tablets/ Printers / Scanner/Copier/ Servers and Other Information Technology Equipment	Protection Of Equipment Users from Overvoltages on Telecommunication Networks	CI 6.2, CI 6.2.1, CI 6.2.2, CI 6.2.2.1, CI 6.2.2.2, CI 6.2.2.3 IS 13252 (Part 1): 2010 + A1: 2013 + A2: 2015 / IEC 60950-1: 2005 + A1:2009 + A2: 2013
31.	CPU / Disk Drives / Optical Devices /Solid State Drives /DIMM/ Main Board/GPU/USB	Protection of Telecommunication Wiring System from Overheating	CI 6.3



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Electronic Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	IT Equipment		
	Devices/Wi-Fi Hub/ PCI Extension Cards / Keyboards/ Monitors / Vdus / Modem/ Network Devices/Personal Computers / Laptop / Note Book/Tablets/ Printers / Scanner/Copier/ Servers and Other Information Technology Equipment		IS 13252 (Part 1): 2010 + A1: 2013 + A2: 2015 / IEC 60950-1: 2005 + A1:2009 + A2: 2013
32.	CPU / Disk Drives / Optical Devices /Solid State Drives /DIMM/ Main Board/GPU/USB Devices/Wi-Fi Hub/ PCI Extension Cards / Keyboards/ Monitors / Vdus / Modem/ Network Devices/Personal Computers / Laptop / Note Book/Tablets/ Printers / Scanner/Copier/ Servers and Other Information Technology Equipment	Connection To Cable Distribution Systems (General)	CI 7, CI 7.1 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		
33.	CPU / Disk Drives / Optical Devices /Solid State Drives /DIMM/ Main Board/GPU/USB Devices/Wi-Fi Hub/ PCI Extension Cards / Keyboards/ Monitors / Vdus / Modem/ Network Devices/Personal Computers / Laptop / Note Book/Tablets/ Printers / Scanner/Copier/ Servers and Other Information Technology Equipment	Protection Of Cable Distribution System Service Persons, And Users of Other Equipment Connected to The System, From Hazardous Voltages in the Equipment	CI 7.2 IS 13252 (Part 1): 2010 + A1: 2013 + A2: 2015 / IEC 60950-1: 2005 + A1:2009 + A2: 2013
34.	CPU / Disk Drives / Optical Devices /Solid State Drives /DIMM/ Main Board/GPU/USB Devices/Wi-Fi Hub/ PCI Extension Cards / Keyboards/ Monitors / Vdus / Modem/ Network Devices/Personal Computers / Laptop / Note Book/Tablets/ Printers / Scanner/Copier/	Protection Of Equipment Users from Overvoltages on the Cable Distribution System	CI 7.3 IS 13252 (Part 1): 2010 + A1: 2013 + A2: 2015 / IEC 60950-1: 2005 + A1:2009 + A2 : 2013

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Electronic Testing			
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	IT Equipment		
	Servers and Other Information Technology Equipment		
35.	CPU / Disk Drives / Optical Devices /Solid State Drives /DIMM/ Main Board/GPU/USB Devices/Wi-Fi Hub/ PCI Extension Cards / Keyboards/ Monitors / Vdus / Modem/ Network Devices/Personal Computers / Laptop / Note Book/Tablets/ Printers / Scanner/Copier/ Servers and Other Information Technology Equipment	Insulation Between Primary Circuits and Cable Distribution Systems	CI 7.4, CI 7.4.1, CI 7.4.2, CI 7.4.3 IS 13252 (Part 1): 2010 + A1: 2013 + A2 : 2015 / IEC 60950-1: 2005 + A1:2009 + A2 : 2013
36.	CPU / Disk Drives / Optical Devices /Solid State Drives /DIMM/ Main Board/GPU/USB Devices/Wi-Fi Hub/ PCI Extension Cards / Keyboards/ Monitors / Vdus / Modem/ Network Devices/Personal Computers / Laptop / Note	Tests For Resistance to Heat and Fore	Annex A, A.1, A.1.1, A.1.2, A.1.3, A.1.4, A.1.5, A.1.6, A.2, A.2.1, A.2.2, A.2.3, A.2.4, A.2.5, A.2.6, A.2.7, A.3, A.3.1, A.3.2, A.3.3 IS 13252 (Part 1): 2010 + A1: 2013 + A2 : 2015 / IEC 60950-1: 2005 + A1:2009 + A2 : 2013

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HT Product Services Private Limited
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Valid until: 02 February 2028

QAI/CIA/TL/2023/0023

Accreditation Standard: ISO/IEC 17025:2017

Electronic Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	IT Equipment		
	Book/Tablets/ Printers / Scanner/Copier/ Servers And Other Information Technology Equipment		
37.	CPU / Disk Drives / Optical Devices /Solid State Drives /DIMM/ Main Board/GPU/USB Devices/Wi-Fi Hub/ PCI Extension Cards / Keyboards/ Monitors / Vdus / Modem/ Network Devices/Personal Computers / Laptop / Note Book/Tablets/ Printers / Scanner/Copier/ Servers and Other Information Technology Equipment	Motor Tests Under Abnormal Conditions	Annex B, B.1, B.2, B.3, B.4, B.5, B.6, B.6.1, B.6.2, B.6.3, B.6.4, B.7, B.7.1, B.7.2, B.7.3, B.7.4, B.8, B.9, B.10 IS 13252 (Part 1): 2010 + A1: 2013 + A2 : 2015 / IEC 60950-1: 2005 + A1:2009 + A2 : 2013
38.	CPU / Disk Drives / Optical Devices /Solid State Drives /DIMM/ Main Board/GPU/USB Devices/Wi-Fi Hub/ PCI Extension Cards / Keyboards/	Transformers	Annex C, C.1, C.2 IS 13252 (Part 1): 2010 + A1: 2013 + A2 : 2015 / IEC 60950-1: 2005 + A1:2009 + A2 : 2013

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Accreditation Standard: ISO/IEC 17025:2017

Electronic Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	IT Equipment		
	Monitors / Vdus / Modem/ Network Devices/Personal Computers / Laptop / Note Book/Tablets/ Printers / Scanner/Copier/ Servers and Other Information Technology Equipment		
39.	CPU / Disk Drives / Optical Devices /Solid State Drives /DIMM/ Main Board/GPU/USB Devices/Wi-Fi Hub/ PCI Extension Cards / Keyboards/ Monitors / Vdus / Modem/ Network Devices/Personal Computers / Laptop / Note Book/Tablets/ Printers / Scanner/Copier/ Servers and Other Information Technology Equipment	Measuring Instruments for Touch Current Tests	Annex D, D.1, D.2 IS 13252 (Part 1): 2010 + A1: 2013 + A2 : 2015 / IEC 60950-1: 2005 + A1:2009 + A2 : 2013
40.	CPU / Disk Drives / Optical Devices /Solid State Drives /DIMM/ Main Board/GPU/USB	Temperature Rise of Windings	Annex E

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Accreditation Standard: ISO/IEC 17025:2017

Electronic Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	IT Equipment		
	Devices/Wi-Fi Hub/ PCI Extension Cards / Keyboards/ Monitors / Vdus / Modem/ Network Devices/Personal Computers / Laptop / Note Book/Tablets/ Printers / Scanner/Copier/ Servers and Other Information Technology Equipment		IS 13252 (Part 1): 2010 + A1: 2013 + A2 : 2015 / IEC 60950-1: 2005 + A1:2009 + A2 : 2013
41.	CPU / Disk Drives / Optical Devices /Solid State Drives /DIMM/ Main Board/GPU/USB Devices/Wi-Fi Hub/ PCI Extension Cards / Keyboards/ Monitors / Vdus / Modem/ Network Devices/Personal Computers / Laptop / Note Book/Tablets/ Printers / Scanner/Copier/ Servers and Other Information Technology Equipment	Measurement Of Clearances and Creepage Distances	Annex F IS 13252 (Part 1): 2010 + A1: 2013 + A2 : 2015 / IEC 60950-1: 2005 + A1:2009 + A2 : 2013



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Accreditation Standard: ISO/IEC 17025:2017

Electronic Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	IT Equipment		
42.	CPU / Disk Drives / Optical Devices /Solid State Drives /DIMM/ Main Board/GPU/USB Devices/Wi-Fi Hub/ PCI Extension Cards / Keyboards/ Monitors / Vdus / Modem/ Network Devices/Personal Computers / Laptop / Note Book/Tablets/ Printers / Scanner/Copier/ Servers and Other Information Technology Equipment	Alternative Method for Determining Minimum Clearances	Annex G, G.1, G.1.1, G.1.2, G.2, G.2.1, G.2.2, G.2.3, G.2.4, G.3, G.4, G.4.1, G.4.2, G.4.3, G.4.4, G.5, G.6 IS 13252 (Part 1): 2010 + A1: 2013 + A2 : 2015 / IEC 60950-1: 2005 + A1:2009 + A2 : 2013
43.	CPU / Disk Drives / Optical Devices /Solid State Drives /DIMM/ Main Board/GPU/USB Devices/Wi-Fi Hub/ PCI Extension Cards / Keyboards/ Monitors / Vdus / Modem/ Network Devices/Personal Computers / Laptop / Note Book/Tablets/ Printers / Scanner/Copier/	Ionizing Radiation	Annex H IS 13252 (Part 1): 2010 + A1: 2013 + A2 : 2015 / IEC 60950-1: 2005 + A1:2009 + A2 : 2013

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Accreditation Standard: ISO/IEC 17025:2017

Electronic Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	IT Equipment		
	Servers and Other Information Technology Equipment		
44.	CPU / Disk Drives / Optical Devices /Solid State Drives /DIMM/ Main Board/GPU/USB Devices/Wi-Fi Hub/ PCI Extension Cards / Keyboards/ Monitors / Vdus / Modem/ Network Devices/Personal Computers / Laptop / Note Book/Tablets/ Printers / Scanner/Copier/ Servers and Other Information Technology Equipment	Table of Electrochemical Potentials	Annex J IS 13252 (Part 1): 2010 + A1: 2013 + A2 : 2015 / IEC 60950-1: 2005 + A1:2009 + A2 : 2013
45.	CPU / Disk Drives / Optical Devices /Solid State Drives /DIMM/ Main Board/GPU/USB Devices/Wi-Fi Hub/ PCI Extension Cards / Keyboards/ Monitors / Vdus / Modem/ Network Devices/Personal Computers / Laptop / Note	Thermal Controls	Annex K, K.1, K.2, K.3, K.4, K.5, K.6 IS 13252 (Part 1): 2010 + A1: 2013 + A2 : 2015 / IEC 60950-1: 2005 + A1:2009 + A2 : 2013

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Electronic Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	IT Equipment		
	Book/Tablets/ Printers / Scanner/Copier/ Servers and Other Information Technology Equipment		
46.	CPU / Disk Drives / Optical Devices /Solid State Drives /DIMM/ Main Board/GPU/USB Devices/Wi-Fi Hub/ PCI Extension Cards / Keyboards/ Monitors / Vdus / Modem/ Network Devices/Personal Computers / Laptop / Note Book/Tablets/ Printers / Scanner/Copier/ Servers and Other Information Technology Equipment	Normal Load Conditions for Some Types of Electrical Business Equipment	Annex L, L.1, L.2, L.3, L.4, L.5, L.6, L.7 IS 13252 (Part 1): 2010 + A1: 2013 + A2: 2015 / IEC 60950-1: 2005 + A1:2009 + A2: 2013
47.	CPU / Disk Drives / Optical Devices /Solid State Drives /DIMM/ Main Board/GPU/USB Devices/Wi-Fi Hub/ PCI Extension Cards / Keyboards/ Monitors / Vdus / Modem/	Criteria For Telephone Ringing Signals	Annex M, M.1, M.2, M.3, M.3.1, M.3.1.1, M.3.1.2, M.3.1.3, M.3.1.4, M.3.2, M.3.2.1, M.3.2.2, M.3.2.3 IS 13252 (Part 1): 2010 + A1: 2013 + A2 : 2015 / IEC 60950-1: 2005 + A1:2009 + A2 : 2013

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Accreditation Standard: ISO/IEC 17025:2017

Electronic Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	IT Equipment		
	Network Devices/Personal Computers / Laptop / Note Book/Tablets/ Printers / Scanner/Copier/ Servers and Other Information Technology Equipment		
48.	CPU / Disk Drives / Optical Devices /Solid State Drives /DIMM/ Main Board/GPU/USB Devices/Wi-Fi Hub/ PCI Extension Cards / Keyboards/ Monitors / Vdus / Modem/ Network Devices/Personal Computers / Laptop / Note Book/Tablets/ Printers / Scanner/Copier/ Servers and Other Information Technology Equipment	Impulse Test Generator	Annex N, N.1, N.2 IS 13252 (Part 1): 2010 + A1: 2013 + A2: 2015 / IEC 60950-1: 2005 + A1:2009 + A2: 2013
49.	CPU / Disk Drives / Optical Devices /Solid State Drives /DIMM/ Main Board/GPU/USB Devices/Wi-Fi Hub/ PCI	Normative References	Annex P IS 13252 (Part 1): 2010 + A1: 2013 + A2: 2015 / IEC 60950-1: 2005 + A1:2009 + A2: 2013

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Accreditation Standard: ISO/IEC 17025:2017

Electronic Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	IT Equipment		
	Extension Cards / Keyboards/ Monitors / Vdus / Modem/ Network Devices/Personal Computers / Laptop / Note Book/Tablets/ Printers / Scanner/Copier/ Servers and Other Information Technology Equipment		
50.	CPU / Disk Drives / Optical Devices /Solid State Drives /DIMM/ Main Board/GPU/USB Devices/Wi-Fi Hub/ PCI Extension Cards / Keyboards/ Monitors / Vdus / Modem/ Network Devices/Personal Computers / Laptop / Note Book/Tablets/ Printers / Scanner/Copier/ Servers and Other Information Technology Equipment	Voltage Dependent Resistors (Vdrs)	Annex Q IS 13252 (Part 1): 2010 + A1: 2013 + A2: 2015 / IEC 60950-1: 2005 + A1:2009 + A2: 2013
51.	CPU / Disk Drives / Optical Devices /Solid State Drives	Examples Of Requirements for Quality Control Programmes	Annex R, R.1, R.2,

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Electronic Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	IT Equipment		
	/DIMM/ Main Board/GPU/USB Devices/Wi-Fi Hub/ PCI Extension Cards / Keyboards/ Monitors / Vdus / Modem/ Network Devices/Personal Computers / Laptop / Note Book/Tablets/ Printers / Scanner/Copier/ Servers and Other Information Technology Equipment		IS 13252 (Part 1): 2010 + A1: 2013 + A2: 2015 / IEC 60950-1: 2005 + A1:2009 + A2: 2013
52.	CPU / Disk Drives / Optical Devices /Solid State Drives /DIMM/ Main Board/GPU/USB Devices/Wi-Fi Hub/ PCI Extension Cards / Keyboards/ Monitors / Vdus / Modem/ Network Devices/Personal Computers / Laptop / Note Book/Tablets/ Printers / Scanner/Copier/ Servers and Other Information Technology Equipment	Procedure For Impulse Testing	Annex S, S.1, S.2, S.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		
53.	CPU / Disk Drives / Optical Devices /Solid State Drives /DIMM/ Main Board/GPU/USB Devices/Wi-Fi Hub/ PCI Extension Cards / Keyboards/ Monitors / Vdus / Modem/ Network Devices/Personal Computers / Laptop / Note Book/Tablets/ Printers / Scanner/Copier/ Servers And Other Information Technology Equipment	Guidance On Protection Against Ingress of Water	Annex T IS 13252 (Part 1): 2010 + A1: 2013 + A2: 2015 / IEC 60950-1: 2005 + A1:2009 + A2 : 2013
54.	CPU / Disk Drives / Optical Devices /Solid State Drives /DIMM/ Main Board/GPU/USB Devices/Wi-Fi Hub/ PCI Extension Cards / Keyboards/ Monitors / Vdus / Modem/ Network Devices/Personal Computers / Laptop / Note Book/Tablets/ Printers / Scanner/Copier/	Insulated Winding Wires for Use Without Interleaved Insulation	Annex U, U.1, U.2, U.2.1, U.2.2, U.2.3, U.2.4, U3, U.3.1, U.3.2 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		
	Servers and Other Information Technology Equipment		
55.	CPU / Disk Drives / Optical Devices /Solid State Drives /DIMM/ Main Board/GPU/USB Devices/Wi-Fi Hub/ PCI Extension Cards / Keyboards/ Monitors / Vdus / Modem/ Network Devices/Personal Computers / Laptop / Note Book/Tablets/ Printers / Scanner/Copier/ Servers and Other Information Technology Equipment	AC Power Distribution Systems	Annex V, V.1, V.2, V.3, V.4 IS 13252 (Part 1): 2010 + A1: 2013 + A2 : 2015 / IEC 60950-1: 2005 + A1:2009 + A2 : 2013
56.	CPU / Disk Drives / Optical Devices /Solid State Drives /DIMM/ Main Board/GPU/USB Devices/Wi-Fi Hub/ PCI Extension Cards / Keyboards/ Monitors / Vdus / Modem/ Network Devices/Personal Computers / Laptop / Note	Summation Of Touch Currents	Annex W, W.1, W.1.1, W.1.2, W.2, W.2.1, W.2.2, W.2.3 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		
	Book/Tablets/ Printers / Scanner/Copier/ Servers and Other Information Technology Equipment		
57.	CPU / Disk Drives / Optical Devices /Solid State Drives /DIMM/ Main Board/GPU/USB Devices/Wi-Fi Hub/ PCI Extension Cards / Keyboards/ Monitors / Vdus / Modem/ Network Devices/Personal Computers / Laptop / Note Book/Tablets/ Printers / Scanner/Copier/ Servers and Other Information Technology Equipment	Maximum Heating Effect in Transformer Tests	Annex X, X.1, X.2 IS 13252 (Part 1): 2010 + A1: 2013 + A2 : 2015 / IEC 60950-1: 2005 + A1:2009 + A2 : 2013
58.	CPU / Disk Drives / Optical Devices /Solid State Drives /DIMM/ Main Board/GPU/USB Devices/Wi-Fi Hub/ PCI Extension Cards / Keyboards/ Monitors / Vdus / Modem/	Ultraviolet Light Conditioning Test	Annex Y, Y.1, Y.2, Y.3, Y.4 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		
	Network Devices/Personal Computers / Laptop / Note Book/Tablets/ Printers / Scanner/Copier/ Servers and Other Information Technology Equipment		
59.	CPU / Disk Drives / Optical Devices /Solid State Drives /DIMM/ Main Board/GPU/USB Devices/Wi-Fi Hub/ PCI Extension Cards / Keyboards/ Monitors / Vdus / Modem/ Network Devices/Personal Computers / Laptop / Note Book/Tablets/ Printers / Scanner/Copier/ Servers and Other Information Technology Equipment	Overvoltage Categories	Annex Z IS 13252 (Part 1): 2010 + A1: 2013 + A2 : 2015 / IEC 60950-1: 2005 + A1:2009 + A2 : 2013
60.	CPU / Disk Drives / Optical Devices /Solid State Drives /DIMM/ Main Board/GPU/USB Devices/Wi-Fi Hub/ PCI	Mandrel Test	Annex AA IS 13252 (Part 1): 2010 + A1: 2013 + A2 : 2015 / IEC 60950-1: 2005 + A1:2009 + A2 : 2013

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Accreditation Standard: ISO/IEC 17025:2017

Electronic Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	IT Equipment		
	Extension Cards / Keyboards/ Monitors / Vdus / Modem/ Network Devices/Personal Computers / Laptop / Note Book/Tablets/ Printers / Scanner/Copier/ Servers and Other Information Technology Equipment		
61.	CPU / Disk Drives / Optical Devices /Solid State Drives /DIMM/ Main Board/GPU/USB Devices/Wi-Fi Hub/ PCI Extension Cards / Keyboards/ Monitors / Vdus / Modem/ Network Devices/Personal Computers / Laptop / Note Book/Tablets/ Printers / Scanner/Copier/ Servers and Other Information Technology Equipment	Change In Second Edition	Annex BB IS 13252 (Part 1): 2010 + A1: 2013 + A2 : 2015 / IEC 60950-1: 2005 + A1:2009 + A2 : 2013
62.	CPU / Disk Drives / Optical Devices /Solid State Drives	Evaluation Of Integrated Circuit (IC) Current Limiters	Annex CC

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Electronic Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	IT Equipment		
	/DIMM/ Main Board/GPU/USB Devices/Wi-Fi Hub/ PCI Extension Cards / Keyboards/ Monitors / Vdus / Modem/ Network Devices/Personal Computers / Laptop / Note Book/Tablets/ Printers / Scanner/Copier/ Servers and Other Information Technology Equipment		IS 13252 (Part 1): 2010 + A1: 2013 + A2 : 2015 / IEC 60950-1: 2005 + A1:2009 + A2 : 2013
63.	CPU / Disk Drives / Optical Devices /Solid State Drives /DIMM/ Main Board/GPU/USB Devices/Wi-Fi Hub/ PCI Extension Cards / Keyboards/ Monitors / Vdus / Modem/ Network Devices/Personal Computers / Laptop / Note Book/Tablets/ Printers / Scanner/Copier/ Servers and Other Information Technology Equipment	Requirements For the Mounting Means Of Rack-Mounted Equipment	Annex DD 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		
64.	CPU / Disk Drives / Optical Devices /Solid State Drives /DIMM/ Main Board/GPU/USB Devices/Wi-Fi Hub/ PCI Extension Cards / Keyboards/ Monitors / Vdus / Modem/ Network Devices/Personal Computers / Laptop / Note Book/Tablets/ Printers / Scanner/Copier/ Servers and Other Information Technology Equipment	Household And Home/Office Document/Media Shredders	Annex EE 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
	Audio Equipment		
1.	Audio, Video and Similar Electronic Apparatus - Safety Requirements	General Requirements (General)	Cl. 3, Cl. 3.1, IS 616: 2017 /IEC 60065:2014
2.		Designation of Classes	Cl. 3.2 IS 616: 2017/IEC 60065:2014
3.		Constructions And Components Not Specifically Covered	Cl. 3.3 IS 616: 2017 /IEC 60065:2014
4.		Components And Subassemblies That Comply with IEC 62368-1	Cl. 3.4 IS 616: 2017 /IEC 60065:2014
5.		General Test Conditions (Conduct of Tests)	Cl. 4, Cl. 4.1, Cl. 4.1.1, Cl. 4.1.2, Cl. 4.1.3, Cl. 4.1.4, Cl. 4.1.5, Cl. 4.1.6, Cl. 4.1.7 IS 616: 2017/IEC 60065:2014
6.		Normal Operating Conditions	Cl. 4.2, Cl. 4.2.1, Cl. 4.2.2, Cl. 4.2.3, Cl. 4.2.4, Cl. 4.2.5, Cl. 4.2.6, Cl. 4.2.7, Cl. 4.2.8, Cl. 4.2.9, Cl. 4.2.10, Cl. 4.2.10.1, Cl. 4.2.10.2, Cl. 4.2.11, Cl. 4.2.12, Cl. 4.2.13 IS 616: 2017/IEC 60065:2014
7.		Fault Conditions	Cl. 4.3.1, Cl. 4.3.2, Cl. 4.3.3, Cl. 4.3.4, Cl. 4.3.5, Cl. 4.3.6, Cl. 4.3.7,

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Electronic Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Audio Equipment		
			Cl. 4.3.8, Cl. 4.3.9, Cl. 4.3.10, Cl. 4.3.11, Cl. 4.3.12, Cl. 4.3.13, Cl. 4.3.14, Cl. 4.3.15, Cl. 4.3.16, Cl. 4.3.17 IS 616: 2017/IEC 60065:2014
8.	Audio, Video and Similar Electronic Apparatus - Safety Requirements	Marking And Instructions (General Requirements)	Cl. 5, Cl. 5.1 IS 616: 2017/IEC 60065:2014
9.		Identification And Supply Ratings	Cl. 5.2 IS 616: 2017/IEC 60065:2014
10.		Terminals	Cl. 5.3 IS 616: 2017/IEC 60065:2014
11.		Caution Marking	Cl. 5.4 IS 616: 2017/IEC 60065:2014
12.		Instructions	Cl. 5.5 IS 616: 2017/IEC 60065:2014
13.		Heating Under Normal Operating Conditions (General)	Cl. 7, Cl. 7.1, Cl. 7.1.1, Cl. 7.1.2, Cl. 7.1.3, Cl. 7.1.4, Cl. 7.1.5, Cl. 7.1.6 IS 616: 2017/IEC 60065:2014
14.		Heat Resistance of Insulating Material	Cl. 7.2 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		
15.		Constructional Requirements with Regard to The Protection Against Electric Shock	Cl. 8, Cl. 8.1, Cl. 8.2, Cl. 8.3, Cl. 8.4, Cl. 8.5, Cl. 8.6, Cl. 8.6, Cl. 8.8, Cl. 8.9, Cl. 8.10, Cl. 8.11, Cl. 8.12, Cl. 8.13, Cl. 8.14, Cl. 8.15, Cl. 8.16, Cl. 8.17, Cl. 8.18, Cl. 8.19, Cl. 8.20, Cl. 8.21 IS 616: 2017 /IEC 60065:2014
16.	Audio, Video and Similar Electronic Apparatus - Safety Requirements	Electric Shock Hazard Under Normal Operating Condition	Cl. 9, Cl. 9.1, Cl. 9.1.1.1 IS 616: 2017/IEC 60065:2014
17.		Determination of Hazardous Live Parts	Cl. 9.1.1.2 IS 616: 2017/IEC 60065:2014
18.		Determination of Accessible Parts	Cl. 9.1.1.3 IS 616: 2017/IEC 60065:2014
19.		Shafts of Operating Knobs, Handles, Levers and the Like	Cl. 9.1.2 IS 616: 2017/IEC 60065:2014
20.		Openings of The Enclosure	Cl. 9.1.3 IS 616: 2017/IEC 60065:2014
21.		Terminals	Cl. 9.1.4 IS 616: 2017/IEC 60065:2014
22.		Pre-Set Controls	Cl. 9.1.5 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		
23.		Withdrawal of Mains Plug	Cl. 9.1.6 IS 616: 2017/IEC 60065:2014
24.		Resistance to External Forces	Cl. 9.1.7 IS 616: 2017/IEC 60065:2014
25.		Removal of Protective Covers	Cl. 9.2 IS 616: 2017/IEC 60065:2014
26.		Insulation Requirements	Cl. 10, Cl. 10.1 IS 616: 2017/IEC 60065:2014
27.	Audio, Video and Similar Electronic Apparatus - Safety Requirements	Surge Test	Cl. 10.2 IS 616: 2017/IEC 60065:2014
28.		Humidity Treatment	Cl. 10.3 IS 616: 2017/IEC 60065:2014
29.		Insulation Resistance and Dielectric Strength	Cl. 10.4, Cl. 10.4.1, Cl. 10.4.2 IS 616: 2017/IEC 60065:2014
30.		Fault Conditions	Cl. 11, Cl. 11.1 IS 616: 2017/IEC 60065:2014
31.		Heating	Cl. 11.2, Cl. 11.2.1, Cl. 11.2.2, Cl. 11.2.3, Cl. 11.2.4, Cl. 11.2.5, Cl. 11.2.6, Cl. 11.2.7,

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Electronic Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Audio Equipment		
			Cl. 11.2.8 IS 616: 2017 /IEC 60065:2014
32.		Mechanical Strength	Cl. 12, Cl. 12.1, Cl. 12.1.1, Cl. 12.1.2, Cl. 12.1.3, Cl. 12.1.4, Cl. 12.1.5, Cl. 12.1.6 IS 616: 2017/IEC 60065:2014
33.		Fixing of Actuating Elements	Cl. 12.2 IS 616: 2017/IEC 60065:2014
34.		Remote Control Devices Held in Hand	Cl. 12.3 IS 616: 2017/IEC 60065:2014
35.	Audio, Video and Similar Electronic Apparatus - Safety Requirements	Drawers	Cl. 12.4 IS 616: 2017/IEC 60065:2014
36.		Antenna Coaxial Sockets Mounted on The Apparatus	Cl. 12.5 IS 616: 2017/IEC 60065:2014
37.		Telescoping Or Rod Antennas	Cl. 12.6, Cl. 12.6.1, Cl. 12.6.1.2 IS 616: 2017/IEC 60065:2014
38.		Apparatus Containing Coin / Button Cell Batteries	Cl. 12.7, Cl. 12.7.1, Cl. 12.7.2 IS 616: 2017 /IEC 60065:2014
39.		Tests	Cl. 12.7.3, Cl. 12.7.3.1, Cl. 12.7.3.2, Cl. 12.7.3.3, Cl. 12.7.3.4, Cl. 12.7.3.5, Cl. 12.7.3.6

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Electronic Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Audio Equipment		
			IS 616: 2017/IEC 60065:2014
40.		Compliance	Cl. 12.7.4, IS 616: 2017/IEC 60065:2014
41.		Clearances And Creepage Distances	Cl. 13, Cl. 13.1- Cl. 13.7 IS 616: 2017/IEC 60065:2014
42.		Determination of working voltage	Cl. 13.2 IS 616: 2017/IEC 60065:2014
43.		Clearances	Cl. 13.3, Cl. 13.3.1, Cl. 13.3.2, Cl.13.3.3, Cl. 13.3.4 IS 616: 2017 /IEC 60065:2014
44.	Audio, Video and Similar Electronic Apparatus - Safety Requirements	Creepage Distances	Cl. 13.4 IS 616: 2017/IEC 60065:2014
45.		Printed Boards	Cl. 13.5, Cl. 13.5.1, Cl. 13.5.2 IS 616: 2017/IEC 60065:2014
46.		Jointed Insulation	Cl. 13.6 IS 616: 2017/IEC 60065:2014
47.		Enclosed And Sealed Parts	Cl. 13.7 IS 616: 2017/IEC 60065:2014
48.		The Distances Between Conductive Parts	Cl. 13.8 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		
49.		Components (General)	Cl. 14, Cl. 14.1 IS 616: 2017/IEC 60065:2014
50.		Resistors	Cl. 14, Cl. 14.2 IS 616: 2017/IEC 60065:2014
51.		Capacitors And RC-Units	Cl. 14, Cl. 14.3, Cl. 14.3.1, Cl. 14.3.2, Cl. 14.3.3, Cl. 14.3.4, Cl. 14.3.5, Cl. 14.3.6 IS 616: 2017/IEC 60065:2014
52.		Inductors And Windings	Cl. 14, Cl. 14.4, Cl. 14.4.1, Cl. 14.4.2, Cl. 14.4.3, Cl. 14.4.4, Cl. 14.4.5, Cl. 14.4.6 IS 616: 2017/IEC 60065:2014
53.		Separation Between Windings	Cl. 14, Cl. 14.5, Cl. 14.5.1, Cl. 14.5.2, Cl. 14.5.3, Cl. 14.4.4 IS 616: 2017/IEC 60065:2014
54.	Audio, Video and Similar Electronic Apparatus - Safety Requirements	High Voltage Components and Assemblies	Cl. 14, Cl. 14.5, Cl. 14.5.1, Cl. 14.5.2, Cl. 14.5.3, Cl. 14.5.4 IS 616: 2017/IEC 60065:2014
55.		Protective Devices	Cl. 14, Cl. 14.6, Cl. 14.6.1, Cl. 14.6.2, Cl. 14.6.3, Cl. 14.6.4, Cl. 14.6.5 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		
56.		Switches	Cl. 14, Cl. 14.7, Cl. 14.7.1, Cl. 14.7.2, Cl. 14.7.3, Cl. 14.7.4, Cl. 14.7.5 IS 616: 2017/IEC 60065:2014
57.		Safety Interlocks	Cl. 14, Cl. 14.8, IS 616: 2017/IEC 60065:2014
58.		Voltage Setting Devices and the Like	Cl. 14, Cl. 14.9, IS 616: 2017/IEC 60065:2014
59.		Motors	Cl. 14, Cl. 14.10, Cl. 14.10.1, Cl. 14.10.2, Cl. 14.10.3, Cl. 14.10.4 IS 616: 2017/IEC 60065:2014
60.		Batteries	Cl. 14, Cl. 14.11, Cl. 14.11.1, Cl. 14.11.2, Cl. 14.11.3, Cl. 14.11.4, Cl. 14.11.5 IS 616: 2017/IEC 60065:2014
61.		Optocouplers	Cl. 14, Cl. 14.12 IS 616: 2017/IEC 60065:2014
62.	Audio, Video and Similar Electronic Apparatus - Safety Requirements	Surge Suppression Varistors	Cl. 14, Cl. 14.13 IS 616: 2017/IEC 60065:2014
63.		Terminals (Plugs and Sockets)	Cl. 15, Cl. 15.1, Cl. 15.1.1, Cl. 15.1.2, Cl. 15.1.3 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		
64.		Provisions For Protective Earthing	Cl. 15, Cl. 15.2 IS 616: 2017/IEC 60065:2014
65.		Terminals for External Flexible Cords and for Permanent Connection To The Mains Supply	Cl. 15, Cl. 15.3, Cl. 15.3.1, Cl. 15.3.2, Cl. 15.3.3, Cl. 15.3.4, Cl. 15.3.5, Cl. 15.3.6, Cl. 15.3.7, Cl. 15.3.8, Cl. 15.3.9 IS 616: 2017/IEC 60065:2014
66.		Devices Forming a part of the Mains Plug	Cl. 15, Cl. 15.4, Cl. 15.4.1, Cl. 15.4.2, Cl. 15.4.3 IS 616: 2017/IEC 60065:2014
67.		External Flexible Cords	Cl. 16, Cl. 16.1, Cl. 16.2, Cl. 16.3, Cl. 16.4, Cl. 16.5, Cl. 16.6, Cl. 16.7 IS 616: 2017/IEC 60065:2014
68.		Electrical Connections and Mechanical Fixings	Cl. 17, Cl. 17.1, Cl. 17.2, Cl. 17.3, Cl. 17.4, Cl. 17.5, Cl. 17.6, Cl. 17.7, Cl. 17.8, Cl. 17.9 IS 616: 2017/IEC 60065:2014
69.	Audio, Video and Similar Electronic Apparatus - Safety Requirements	Mechanical Strength of Picture Tubes and Protection Against the Effects of Implosion	Cl. 18, Cl. 18.1, Cl. 18.2 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		
70.		Stability and Mechanical Hazards (Stability Requirements)	Cl. 19, Cl. 19.1 IS 616: 2017/IEC 60065:2014
71.		Test at 10° To the Horizontal	Cl. 19, Cl. 19.2 IS 616: 2017/IEC 60065:2014
72.		Vertical Force Test	Cl. 19, Cl. 19.3 IS 616: 2017/IEC 60065:2014
73.		Horizontal Force Test	Cl. 19, Cl. 19.4 IS 616: 2017/IEC 60065:2014
74.		Test of Edges and Corners	Cl. 19, Cl. 19.5 IS 616: 2017/IEC 60065:2014
75.		Mechanical Strength of Glass	Cl. 19, Cl. 19.6, Cl. 19.6.1, Cl. 19.6.2 IS 616: 2017/IEC 60065:2014
76.		Wall Or Ceiling Mounting Means	Cl. 19, Cl. 19.7, Cl. 19.7.1, Cl. 19.7.2 IS 616: 2017/IEC 60065:2014
77.		Compliance	Cl. 19, Cl. 19.7.3 IS 616: 2017/IEC 60065:2014
78.		Resistance To Fire (Requirements)	Cl. 20, Cl. 20.1, IS 616: 2017/IEC 60065:2014
79.		Electrical Components and Mechanical Parts	Cl. 20, Cl. 20.2, Cl. 20.2.1, Cl. 20.2.2, Cl. 20.2.3, Cl. 20.2.4, Cl. 20.2.5

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Accreditation Standard: ISO/IEC 17025:2017

Electronic Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Audio Equipment		
	Audio, Video and Similar Electronic Apparatus - Safety Requirements		IS 616: 2017/IEC 60065:2014
80.		Fire Enclosure	Cl. 20, Cl. 20.3, Cl. 20.3.1, Cl. 20.3.2, Cl. 20.3.3, IS 616: 2017/IEC 60065:2014
81.		Additional Requirements for Apparatus with Protection Against Splashing Water	Annex A, A.1, A.5, A.10, A.10.3, A.10.3.1, A.10.3.2 IS 616: 2017/IEC 60065:2014
82.		Apparatus To Be Connected to the Telecommunication Networks	Annex B IS 616: 2017/IEC 60065:2014
83.		Band-Pass Filter for Wide-Band Noise Measurement	Annex C IS 616: 2017/IEC 60065:2014
84.		Measuring Network for Touch Currents	Annex D IS 616: 2017/IEC 60065:2014
85.		Measurement of Clearances and Creepage Distances	Annex E IS 616: 2017/IEC 60065:2014
86.		Table of Electrochemical Potentials	Annex F IS 616: 2017/IEC 60065:2014
87.		Flammability Test Methods	Annex G, G.1, G.1.1, G.1.2, G.1.3, G.1.4, G.2, G.3 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		
88.	Audio, Video and Similar Electronic Apparatus - Safety Requirements	Insulated Winding Wires for use Without Interleaved Insulation	Annex H, H.1, H.2, H.2.1, H.2.2, H.2.3, H.2.4, H.2.5, H.3, H.3.1, H.3.2, H.3.3 IS 616: 2017/IEC 60065:2014
89.		Alternative Method for Determining Minimum Clearances	Annex J, J.1, J.2, J.3, J.4, J.5, J.6, J.7 IS 616: 2017 /IEC 60065:2014
90.		Impulse Test Generators	Annex K IS 616: 2017 /IEC 60065:2014
91.		Additional Requirements for Electronic Flash Apparatus For Photographic Purposes	Annex L, L.1, L.2, L.4, L.5, L.7, L.9, L.10, L.11, L.12, L.14, L.20 IS 616: 2017/IEC 60065:2014
92.		Examples of Requirements for Quality Control Programmes for Allowing Reduced Clearances	Annex M IS 616: 2017/IEC 60065:2014
93.		Routine Tests	Annex N, N.1, N.2, N.2.1, N.2.2, N.2.3, N.2.4, N.2.5, N.2.6, N.2.7, N.3, N.3.1, N.3.2, N.3.3, N.3.4 IS 616: 2017/IEC 60065:2014



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Electronic Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Electronic Components & Equipment Sub-Assemblies		
1.	Mobile Phone Handsets Part 3 Indian Language Support for Mobile Phone Handsets - Specific Requirements	Requirements	Cl.4 of IS 16333 (Part 3): 2022+A1
2.	Mobile Phone Handsets Part 3 Indian Language Support for Mobile Phone Handsets - Specific Requirements	Tests	Cl.5 & Annex A, Annex B, Annex C Of IS 16333 (Part 3): 2022+A1
3.	Mobile Phone Handsets Part 3 Indian Language Support for Mobile Phone Handsets - Specific Requirements	Marking	Cl.6 Of IS 16333 (Part 3): 2022+A1



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Electronic Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electronic Appliances & Accessories		
1.	Audio/Video, Information and Communication Technology Equipment	General Requirements	Cl. 4 IS/IEC 62368-1: 2023
2.		General	Cl. 4.1, Cl. 4.1.1, Cl. 4.1.2 IS/IEC 62368-1: 2023
3.		Equipment Design and Construction	Cl. 4.1.3 IS/IEC 62368-1: 2023
4.		General, Equipment Installation	Cl. 4.1.4, Cl. 4.1.5, Cl. 4.1.6, Cl. 4.1.7, Cl. 4.1.8, Cl. 4.1.9, Cl. 4.1.10, Cl. 4.1.11, Cl. 4.1.12, Cl. 4.1.13, Cl. 4.1.14 IS/IEC 62368-1 : 2023
5.		Marking And Instruction	Cl. 4.1.15 IS/IEC 62368-1: 2023
6.		Energy Source Classifications	Cl. 4.2, Cl. 4.2.1, Cl. 4.2.2, Cl. 4.2.3, Cl. 4.2.4 IS/IEC 62368-1: 2023



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Electronic Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electronic Appliances & Accessories		
7.	Audio/Video, Information and Communication Technology Equipment	Protection Against Energy Sources	Cl. 4.3, 4.3.1, 4.3.2, Cl. 4.3.2.1, Cl. 4.3.2.2, Cl. 4.3.2.3, Cl. 4.3.2.4 IS/IEC 62368-1: 2023
8.		Safeguards For Protection of an Instructed Person	Cl. 4.3.3, Cl. 4.3.3.1, Cl. 4.3.3.2, Cl. 4.3.3.3 IS/IEC 62368-1: 2023
9.		Safeguards For Protection of a Skilled Person	Cl. 4.3.4, Cl. 4.3.4.1, Cl. 4.3.4.2, Cl. 4.3.4.3 IS/IEC 62368-1: 2023
10.		Safeguards In a Restricted Access Area	Cl. 4.3.5 IS/IEC 62368-1: 2023
11.		Safeguards	Cl. 4.4, Cl. 4.4.1, Cl. 4.4.2, Cl. 4.4.3, Cl. 4.4.3.1, Cl. 4.4.3.2, Cl. 4.4.3.3, Cl. 4.4.3.4, Cl. 4.4.3.5, Cl. 4.4.3.6, Cl. 4.4.3.7, Cl. 4.4.3.8, Cl. 4.4.3.9, Cl. 4.4.3.10, Cl. 4.4.4, Cl. 4.4.5 IS/IEC 62368-1: 2023
12.		Explosion	Cl. 4.5, Cl. 4.5.1, Cl. 4.5.2 IS/IEC 62368-1: 2023



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Electronic Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electronic Appliances & Accessories		
13.		Fixing Of Conductors and Conductive Parts	Cl. 4.6, Cl. 4.6.1, Cl. 4.6.2 IS/IEC 62368-1: 2023
14.		Equipment For Direct Insertion into Mains Socket-Outlets	Cl. 4.7, Cl. 4.7.1, Cl. 4.7.2, Cl. 4.7.3 IS/IEC 62368-1: 2023
15.		Equipment Containing Coin / Button Cell Batteries	Cl. 4.8, Cl. 4.8.1, Cl. 4.8.2, Cl. 4.8.3, Cl. 4.8.4, Cl. 4.8.4.1, Cl. 4.8.4.2, Cl. 4.8.4.3, Cl. 4.8.4.4, Cl. 4.8.4.5, Cl. 4.8.4.6, Cl. 4.8.5 IS/IEC 62368-1: 2023
16.		Likelihood Of Fire or Shock Due To Entry of Conductive Objects	Cl. 4.9 & Annex P IS/IEC 62368-1: 2023
17.	Audio/Video, Information and Communication Technology Equipment	Components Requirements	Cl. 4.10, Cl. 4.10.1, Cl. 4.10.2 Cl. 4.10.3, Cl. 4.10.4 & Annex L, Annex G.1, G.2, G.7, Annex M IS/IEC 62368-1: 2023
18.		Electrically-Caused Injury, General	Cl. 5, Cl. 5.1 IS/IEC 62368-1: 2023
19.		Classification And Limits of Electrical Energy Sources	Cl. 5.2, Cl. 5.2.1, Cl. 5.2.1.1, Cl. 5.2.1.2, Cl. 5.2.1.3 IS/IEC 62368-1: 2023



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Electronic Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electronic Appliances & Accessories		
20.		Electrical Energy Source ES1 And ES2 Limits	Cl. 5.2.2, Cl. 5.2.2.1, Cl. 5.2.2.2, Cl. 5.2.2.3, Cl. 5.2.2.4, Cl. 5.2.2.5, Cl. 5.2.2.6, Cl. 5.2.2.7 IS/IEC 62368-1: 2023
21.		Protection against Electrical Energy Sources	Cl. 5.3, Cl. 5.3.1, Annex V, Cl. 5.3.2, Cl. 5.3.2.1, Cl. 5.3.2.2, Cl. 5.3.2.3, Cl. 5.3.2.4 Cl. 5.3.1 IS/IEC 62368-1: 2023
22.		Insulation Material and Requirements, General, Maximum Operating Temperatures for Materials, Components and Systems, Pollution Degrees	Cl. 5.4, Cl. 5.4.1, Cl. 5.4.1.1, Cl. 5.4.1.2, Cl. 5.4.1.3, Cl. 5.4.1.4, Cl. 5.4.1.4.1, Cl. 5.4.1.4.2, Cl. 5.4.1.4.3, Cl. 5.4.1.5, Cl. 5.4.1.5.1, Cl. 5.4.1.5.2, Cl. 5.4.1.5.3, Cl. 5.4.1.6, Cl. 5.4.1.7, Cl. 5.4.1.8, Cl. 5.4.1.8.1 Cl. 5.4.1.8.2 Cl. 5.4.1.9, Cl. 5.4.1.10, Cl. 5.4.1.10.1, Cl. 5.4.1.10.2, Cl. 5.4.1.10.3 IS/IEC 62368-1: 2023
23.	Audio/Video, Information and Communication Technology Equipment	Clearance	Cl. 5.4.2, Cl. 5.4.2.1, Cl. 5.4.2.2, Cl. 5.4.2.3, Cl. 5.4.2.3.1, Cl. 5.4.2.3.2, Cl. 5.4.2.3.2.1, Cl. 5.4.2.3.2.2,

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Electronic Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electronic Appliances & Accessories		
			Cl. 5.4.2.3.2.3, Cl. 5.4.2.3.2.4, Cl. 5.4.2.3.2.5, Cl. 5.4.2.3.3, 5.4.2.3.4, Cl. 5.4.2.4, Cl. 5.4.2.5, Cl. 5.4.2.6 IS/IEC 62368-1: 2023
24.		Creepage Distance	Cl. 5.4.3, Cl. 5.4.3.1, Cl. 5.4.3.2, Cl. 5.4.3.3, Cl. 5.4.3.4 IS/IEC 62368-1: 2023
25.		Solid Insulation	Cl. 5.4.4, Cl. 5.4.4.1, Cl. 5.4.4.2, Cl. 5.4.4.3, Cl. 5.4.4.4, Cl. 5.4.4.5 IS/IEC 62368-1: 2023
26.		Thin Sheet Material	Cl. 5.4.4.6, Cl. 5.4.4.6.1, Cl. 5.4.4.6.2, Cl. 5.4.4.6.3, Cl. 5.4.4.6.4, Cl. 5.4.4.6.5 IS/IEC 62368-1: 2023
27.	Audio/Video, Information and Communication Technology Equipment	Solid Insulation in Wound Components, Compliance Criteria, Solid Insulation Requirement	Cl. 5.4.4.7, Cl. 5.4.4.8, Cl. 5.4.4.9, IS/IEC 62368-1: 2023
28.		Antenna Terminal Insulation	Cl. 5.4.5, Cl. 5.4.5.1, Cl. 5.4.5.2, Cl. 5.4.5.3, IS/IEC 62368-1: 2023
29.		Insulation Of Internal Wire as A Part of a Supplementary	Cl. 5.4.6, Cl. 5.4.7 IS/IEC 62368-1: 2023

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Electronic Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electronic Appliances & Accessories		
		Safeguard, Test for Semiconductor Components and for Cemented Joints	
30.		Humidity Conditioning	Cl. 5.4.8 IS/IEC 62368-1: 2023
31.		Electric Strength Test	Cl. 5.4.9, Cl. 5.4.9.1, Cl. 5.4.9.2 IS/IEC 62368-1: 2023
32.		Safeguards Against Transient Voltage from External Circuits	Cl. 5.4.10, Cl. 5.4.10.1, Cl. 5.4.10.2, Cl. 5.4.10.2.1, Cl. 5.4.10.2.2, Cl. 5.4.10.2.3, Cl. 5.4.10.3 IS/IEC 62368-1: 2023
33.		Separation Between External Circuits and Earth	Cl. 5.4.11, Cl. 5.4.11.1, Cl. 5.4.11.2, Cl. 5.4.11.3 IS/IEC 62368-1: 2023
34.	Audio/Video, Information and Communication Technology Equipment	Insulating Liquid	Cl. 5.4.12, Cl. 5.4.12.1, Cl. 5.4.12.2, Cl. 5.4.12.3, Cl. 5.4.12.4 IS/IEC 62368-1: 2023
35.		Components as Safeguards	Cl. 5.5, Cl. 5.5.1, Cl. 5.5.2, Cl. 5.5.2.1, Cl. 5.5.2.2 IS/IEC 62368-1: 2023

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Electronic Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electronic Appliances & Accessories		
36.		Transformers, Opt Coupler, Relay, Resistor, Surge Suppressors	Cl. 5.5.3, Cl. 5.5.4, Cl. 5.5.5, Cl. 5.5.6, Cl. 5.5.7, Cl. 5.5.8, Cl. 5.5.9 IS/IEC 62368-1: 2023
37.		Protective Conductor	Cl. 5.6, Cl. 5.6.1, Cl. 5.6.2, Cl. 5.6.2.1, Cl. 5.6.2.2, Cl. 5.6.3, Cl. 5.6.4, Cl. 5.6.4.1, Cl. 5.6.4.2, Cl. 5.6.4.2.1, Cl. 5.6.4.2.2, Cl. 5.6.4.2.3, Cl. 5.6.4.2.4, Cl. 5.6.4.3 Cl. 5.6.5, Cl. 5.6.5.1, Cl. 5.6.5.2, Cl. 5.6.6, Cl. 5.6.6.1, Cl. 5.6.6.2, Cl. 5.6.6.3, Cl. 5.6.7, Cl. 5.6.8 IS/IEC 62368-1: 2023
38.		Prospective Touch Voltage Touch Current and Protective Conductor Current	Cl. 5.7, Cl. 5.7.1, Cl. 5.7.2, Cl. 5.7.2.1, Cl. 5.7.2.2, Cl. 5.7.3, Cl. 5.7.4, Cl. 5.7.5, Cl. 5.7.6, Cl. 5.7.7, Cl. 5.7.7.1, Cl. 5.7.7.2, Cl. 5.7.8 IS/IEC 62368-1: 2023
39.		Back feed Safeguard in Battery Backed Up Supplies	Cl. 5.8 IS/IEC 62368-1: 2023
40.	Audio/Video, Information and Communication Technology Equipment	Electrically Caused Fire	Cl. 6, Cl. 6.1, Cl. 6.2, Cl. 6.2.1, Cl. 6.2.2, Cl. 6.2.2.1 To Cl. 6.2.2.6, Cl. 6.2.3, Cl. 6.2.3.1, Cl. 6.2.3.2,

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Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electronic Appliances & Accessories		
			Cl. 6.3, Cl. 6.3.1, Cl. 6.3.2 Cl. 6.4, Cl. 6.4.1, Cl. 6.4.2, Cl. 6.4.3, Cl. 6.4.3.1 To Cl. 6.4.3.3, Cl. 6.4.4, Cl. 6.4.5, Cl. 6.4.5.1 To Cl. 6.4.5.3, Cl. 6.4.6, Cl. 6.4.7, Cl. 6.4.7.1, Cl. 6.4.7.2, Cl. 6.4.7.3, Cl. 6.4.7.4, Cl. 6.4.8, Cl. 6.4.8.1, Cl. 6.4.8.2, Cl. 6.4.8.2.1 To Cl. 6.4.8.2.3, Cl. 6.4.8.3, Cl. 6.4.8.3.1, To Cl. 6.4.8.3.7, Cl. 6.4.8.4, Cl. 6.4.9 IS/IEC 62368-1: 2023
41.		Internal And External Wiring, Safeguards Against Fire Due To the Connection of Additional Equipment	Cl. 6.5, Cl. 6.5.1, Cl. 6.5.2, Cl. 6.5.3, Cl. 6.6, Annex Q IS/IEC 62368-1: 2023
42.		Injury Caused by Hazardous Substances	Cl. 7, Cl. 7.1, Cl. 7.2, Cl. 7.3, Cl. 7.4, Cl. 7.5, Annex M IS/IEC 62368-1: 2023
43.		Mechanically-Caused Injury, General	Cl. 8, Cl. 8.1, IS/IEC 62368-1: 2023
44.		Mechanical Energy Source Classifications	Cl. 8.2, Cl. 8.2.1, Cl. 8.2.2, Cl. 8.2.3,

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Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electronic Appliances & Accessories		
			Cl. 8.2.4, Cl.8.3, Cl 8.4, Cl. 8.5, Cl. 8.6, Cl. 8.7, Cl 8.8, Cl. 8.9, Cl 8.10, Cl 8.11, Cl 8.12 IS/IEC 62368-1: 2023
45.		Thermal Burn Injury	Cl. 9, Cl. 9.1, Cl. 9.2, Cl. 9.2.1, Cl. 9.2.2, Cl. 9.2.3, Cl. 9.3, Cl. 9.3.1, Cl. 9.3.2, Cl. 9.4, Cl. 9.5, Cl. 9.5.1, Cl. 9.5.2, Cl. 9.6, Cl. 9.6.1, Cl. 9.6.2, Cl. 9.6.3 IS/IEC 62368-1: 2023
46.	Audio/Video, Information and Communication Technology Equipment	Normal Operating Condition Tests, Abnormal Operating Condition Tests and Single Fault Condition Tests	Annex B, B.1, B.1.1 To B.1.5, B.2, B.2.1 To B.2.6, B.2.6.1 To B.2.6.3, B.2.7, B.3, B.3.1 To B.3.8, B.4, B.4.1 To B.4.3, B.4.3.1, B.4.3.2, B.4.4, B.4.4.1 To B.4.4.3, B.4.5, B.4.6, B.4.7, B.4.8, B.4.9 IS/IEC 62368-1: 2023
47.		Test Generator	Annex D, D.1, D.2, D.3 IS/IEC 62368-1: 2023
48.		Test Conditions for Equipment Intended to Amplify Audio Signals	Annex E, E.1, E.2, E.3 IS/IEC 62368-1: 2023



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Accreditation Standard: ISO/IEC 17025:2017

Electronic Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electronic Appliances & Accessories		
49.	Audio/Video, Information and Communication Technology Equipment	Equipment Markings, Instructions, And Instructional Safeguards	Annex F IS/IEC 62368-1: 2023
50.		Components	Annex G IS/IEC 62368-1: 2023
51.		Criteria For Telephone Ringing Signals	Annex H, H.1, H.2, H.3, H.3.1, H.3.1.1 To H.3.1.4, H.3.2, H.3.2.1 To H.3.2.3 IS/IEC 62368-1: 2023
52.		Overvoltage Categories	Annex I IS/IEC 62368-1: 2023
53.		Insulated Winding Wires for Use Without Interleaved Insulation	Annex J, J.1, J.2, J.2.1, J.2.2, J.2.2.1, J.2.2.1.1 To J.2.2.1.3, J.2.2.2, J.2.3, To J.2.5, J.3, J.3.1 To J.3.3 IS/IEC 62368-1: 2023
54.		Safety Interlocks	Annex K, K.1, K.1.1, K.1.2, K.2 To K.5, K.5.1, K.5.2, K.6, K.6.1, K.6.2, K.7, K.7.1 To K.7.4 IS/IEC 62368-1: 2023
55.		Disconnect Devices	Annex L, L.1 To L.9 IS/IEC 62368-1: 2023
56.		Equipment Containing Batteries and Their Protection Circuits	Annex M, M.1, M.2, M.2.1, M.2.2, M.3, M.3.1 To M.3.3, M.4, M.4.1,

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Electronic Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electronic Appliances & Accessories		
			M.4.2, M.4.2.1, M.4.2.2, M.4.2.2.1 To M.4.2.3 M.4.3, M.4.4, M.4.4.1 To M.4.4.6, M.5, M.5.1, M.5.2, M.6, M.6.1, M.6.2, M.7, M.7.1 To M.7.4, M.8, M.8.1, M.8.2, M.8.2.1 To M.8.2.4, M.9, M.9.1, M.9.2, M.10 IS/IEC 62368-1: 2023
57.	Audio/Video, Information and Communication Technology Equipment	Measurement of Creepage Distances and Clearances	Annex O IS/IEC 62368-1: 2023
58.		Safeguards Against Conductive Objects	Annex P, P.1, P.2, P.2.1 To P.2.3, P.2.3.1, P.2.3.2, P.3, P.3.1 To P.3.4, P.4, P.4.1, P.4.2 IS/IEC 62368-1: 2023
59.		Circuits Intended for Interconnection with Building Wiring	Annex Q, Q.1, Q.1.1, Q.1.2, Q.2 IS/IEC 62368-1: 2023
60.		Limited Short Circuit Test	Annex R, R.1 To R.4 IS/IEC 62368-1: 2023
61.		Resistance To Heat and Fire	Annex S, S.1, S.2, S.3, S.3.1, S.3 S.3.2, S.4, S.5, S.6 IS/IEC 62368-1: 2023

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Electronic Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electronic Appliances & Accessories		
62.		Mechanical Strength Tests	Annex T, T.1, T.2, T.3, T.4, T.5, T.6, T.7., T.8, T.9, T.10, T.11 IS/IEC 62368-1: 2023
63.	Audio/Video, Information and Communication Technology Equipment	Determination Of Accessible Parts	Annex V, V.1, V.1.1 To V.1.6, V.2 IS/IEC 62368-1: 2023
64.		Comparison Of Terms Introduced in This Document	Annex W IS/IEC 62368-1: 2023
65.		Alternative Method for Determining Clearances for Insulation in Circuits Connected to An Ac Mains Not Exceeding 420 V Peak (300 V Rms)	Annex X IS/IEC 62368-1: 2023
66.		Construction Requirements for Outdoor Enclosure	Annex Y, Y.1, Y.2, Y.3, Y.3.1 To Y.3.5, Y.4, Y.4.1 To Y.4.6, Y.5, Y.5.1 To Y.5.5, Y.5.5.1 To Y.5.5.3, Y.6, Y.6.1, Y.6.2 IS/IEC 62368-1: 2023



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Electronic Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Energy Efficiency of Domestic Electronic Appliances		
1.	Colour Television/ Ultra-High Definition (UHD) Televisions	On Mode Power Consumption	Cl.5 Of BEE Schedule 11 And Cl. 4 Of BEE Schedule 26 & Cl. 6.4 of IEC 62087-3:2023
2.		Determination Of Peak Luminance Ratio and Power Factor	Cl.5 Of BEE Schedule 11 And Cl. 4 Of BEE Schedule 26 & Cl. 6.5 Of IEC 62087-3:2023
3.		Measurement Of Power Consumption in Off Mode, Partial on Mode	Cl.5 Of BEE Schedule 11 And Cl. 4 Of BEE Schedule 26 & Cl. 6.6, Cl. 6.7 of IEC 62087-3:2023
4.		Standby Mode Power Consumption	Cl.5 Of BEE Schedule 11 And Cl. 4 Of BEE Schedule 26 & Cl. 5.3 Of IEC 62301: 2011
5.		Measurement Of Standby Power	Schedule 11 & Schedule 26 Cl 4.0, Cl 4.1, Cl. 4.2, Cl. 4.3, Cl. 4.4, Cl 5.0, Cl 5.1, Cl 5.2, Cl 5.3 of IEC 62301: 2011
6.		Audio, Video and Related Equipment Determination of Power Consumption	Schedule 11 & Schedule 26 Cl 4.0, Cl 4.1, Cl 4.2, Cl 5.0, Cl 5.1, Cl 5.2, Cl 5.3, Cl 5.4, Cl 5.5, Cl 5.6, Cl

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Accreditation Standard: ISO/IEC 17025:2017

Electronic Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Energy Efficiency of Domestic Electronic Appliances		
			6.0, CI 6.1, CI 6.2, CI 6.3, CI 6.4, CI 6.5, CI 6.6, CI 6.7, Annex A Of IEC 62087-3: 2023

Electronic Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Environmental Test Facility		
1.	All Electronics Products	Cold (Low Temperature)	Test Number 1, QM 333: 2010
2.		Low Temperature	Test Number 20, JSS 55555: 2020
3.		Damp Heat Steady State	Test Number 5, QM 333: 2010
4.		Tropical Exposure/Damp Heat Cyclic	Test Number 3, QM 333: 2010
5.		Damp Heat	Test Number 10, JSS 55555: 2020
6.		Dry Heat (High Temperature)	Test Number 2, QM 333: 2010
7.		High Temperature	Test Number 17, JSS 55555: 2020

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Electronic Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Environmental Test Facility		
8.		Dust	Test Number 14, JSS 55555: 2020
9.		Glow Wire Test	IEC 60695-2-10: 2021
10.		Glow Wire Test	IS 11000-2-1: 2021
11.		Protection Against External Mechanical Impacts (IK Test)	IEC 62262: 2021
12.		Degree Of Protection Provided by Enclosures Ingress of Solid Foreign Objects First Characteristic Numeral 1(IP1X)	IS/IEC 60529: 2001
13.		Degree Of Protection Provided by Enclosures Ingress of Solid Foreign Objects First Characteristic Numeral 2 (IP2X)	IS/IEC 60529: 2001
14.	All Electronics Products	Degree Of Protection Provided by Enclosures Ingress of Solid Foreign Objects First Characteristic Numeral 3 (IP3X)	IS/IEC 60529: 2001



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Electronic Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Environmental Test Facility		
15.		Degree Of Protection Provided by Enclosures Ingress of Solid Foreign Objects First Characteristic Numeral 4 (IP4X)	IS/IEC 60529: 2001
16.		Degree Of Protection Provided by Enclosures Ingress of Solid Foreign Objects First Characteristic Numeral 5 (IP5X)	IS/IEC 60529: 2001
17.		Degree Of Protection Provided by Enclosures Ingress of Solid Foreign Objects First Characteristic Numeral 6 (IP6X)	IS/IEC 60529: 2001
18.	All Electronics Products	Degree Of Protection Provided by Enclosures Ingress of Water Ingress Test Second Characteristic Numeral 1(IPX1)	IS/IEC 60529: 2001



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Electronic Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Environmental Test Facility		
19.		Degree Of Protection Provided by Enclosures Ingress of Water Ingress Test Second Characteristic Numeral 2 (IPX2)	IS/IEC 60529: 2001
20.		Degree Of Protection Provided by Enclosures Ingress of Water Ingress Test Second Characteristic Numeral 3 (IPX3)	IS/IEC 60529: 2001
21.		Degree Of Protection Provided by Enclosures Ingress of Water Ingress Test Second Characteristic Numeral 4 (IPX4)	IS/IEC 60529: 2001
22.		Degree Of Protection Provided by Enclosures Ingress of Water Ingress Test Second Characteristic Numeral 5 (IPX5)	IS/IEC 60529: 2001



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Electronic Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Environmental Test Facility		
23.	All Electronics Products	Degree Of Protection Provided by Enclosures Ingress of Water Ingress Test Second Characteristic Numeral 6 (IPX6)	IS/IEC 60529: 2001
24.		Degree Of Protection Provided by Enclosures Ingress of Water Ingress Test Second Characteristic Numeral 7 (IPX7)	IS/IEC 60529: 2001
25.		Degree Of Protection Provided by Enclosures Ingress of Water Ingress Test Second Characteristic Numeral 8 (IPX8)	IS/IEC 60529: 2001
26.		Rapid Cyclic Temperature Changes (Thermal Shock)	Test Number 4, QM 333: 2010
27.		Test Na: Rapid Change of Temperature Test Nb: Change of Temperature with Specified Rate of Change	IEC 60068-2-14: 2023
28.		Thermal Shock Test	Test Number 22, JSS:55555: 2020



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Electronic Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Environmental Test Facility		
29.		Thermal Shock Test	IS: 9000 (Part 14/Sec 1 To 3): 2021
30.	All Electronics Products	Ball Pressure Test (Resistance to Heat Test)	IEC 60695-10-2: 2014
31.		Drip Proof	Test No 11 JSS 55555:2020
32.		Drop Test	Test Number 13, JSS:55555: 2020
33.		Needle Flame Test	IEC 60695-11-5: 2016
34.		Needle Flame Test	IS 11000-2-2: 2008
35.		Tropical Exposure	Test Number 27, JSS:55555: 2020
36.		Hygroscopic Test	IEC 60322: 2001
37.		Functional Random Vibration Test Conditions	CL.8 IEC 61373:2010
38.		Simulated Long Life at Increase Random Vibration Levels	CL.9 IEC 61373:2010
39.		Visual Inspection, Performance Test, Low Temperature Storage Test, Cold Start Test,	CI 12 (12.2.1,12.2.2, 12.2.4, 12.2.5, 12.2.6, 12.2.10, 12.2.11, 12.2.12 ,12.2.13, 12.2.14,12.2.15) IEC 60571:2012

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Electronic Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Environmental Test Facility		
		Damp Heat Test Cyclic, Dry Heat Test, Vibration, Shock and Bump Test, Insulation Test, Water tightness Test	
40.	All Electronics Products	Salt Mist Test	IEC 60068-2-52:2017
41.		Salt Spray	ISO 16750-4:2023
42.		Damp Heat (Cyclic) Test	IS 9000: Part 5: Sec 1 and 2: 1981)
43.		Damp Heat, Cyclic	IEC 60068-2-30:2025
44.		High Temperature Test	MIL-STD-810(G):2008
45.		Humidity	MIL-STD-810(G):2008
46.		Salt Mist	IEC 60068-2-11:2021
47.		Salt Spray (Fog) Test	ASTM B117:2019
48.		Assignment Of Ratings	ISO 10289:1999
49.		Corrosion (Acid), Corrosion (Alkaline), Corrosion (Salt/Salt Fog)	JSS 55555: Test No.7,8, & 9:2020
50.		Temperature Shock	MIL-STD-810(G):2008

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Electronic Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Environmental Test Facility		
51.		Vibration Test	MIL-STD-810(G):2008
52.		Salt Fog Test	MIL-STD-810(G):2008
53.		Shock Test	Test No 24 JSS 55555:2020
54.		Toppling Test	JSS 55555: Test No. 26:2020
55.	All Electronics Products	Dry Heat Test	IEC 60068-2-2:2007
56.		Damp Heat (Steady State)	IEC 60068-2-78:2012
57.		Composite Temperature/Humidity Cyclic Test	IS/IEC 60068-2-38: 2021
58.		Vibration (Sinusoidal)	IEC 60068-2-6:2007
59.		Vibration, Broadband Random and Guidance	IEC 60068-2-64:2008+AMD1: 2019
60.		Hammer Test	IEC 60068 2-75:2025
61.		Resistance to Aging, to Humidity Condition, To Ingress of Solid Objects and To Harmful Ingress of Water	IS 14772:2020 (CL:13)

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Electronic Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Medical Electrical Equipment		
1.	Medical Electrical Equipment- Part1: General Requirements for Basic Safety and Essential Performance	General Requirements	Cl. 4, Cl. 4.1, Cl. 4.2, Cl. 4.3, Cl. 4.4, Cl. 4.5, Cl. 4.6, Cl. 4.7, Cl. 4.8, Cl. 4.9, Cl. 4.10, Cl. 4.11 IEC 60601-1: 2005+A1:2012+ A2:2020
2.		General Requirements For Testing of Medical Electrical Equipment	Cl.5, Cl. 5.1, Cl. 5.2, Cl. 5.3, Cl. 5.4, Cl. 5.5, Cl. 5.6, Cl. 5.7, Cl. 5.8, Cl. 5.9 IEC 60601-1:2005+A1:2012+ A2:2020
3.		Classification of Medical Electrical Equipment and Medical Electrical Systems	Cl.6, Cl. 6.1, Cl. 6.2, Cl. 6.3, Cl. 6.4, Cl. 6.5, Cl. 6.6 IEC 60601- 1:2005+A1:2012+ A2:2020
4.		Medical Electrical Equipment Identification, Marking	Cl.7,

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Electronic Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Medical Electrical Equipment		
		and Documents	Cl. 7.1, Cl. 7.2, Cl. 7.3, Cl. 7.4, Cl. 7.5, Cl. 7.6, Cl. 7.7, Cl. 7.8, Cl. 7.9 IEC 60601-1:2005+A1:2012+A2:2020
5.		Fundamental Rule Of Protection against Electric Shock	Cl. 8, Cl.8.1 IEC 60601-1:2005+A1:2012 + A2:2020
6.		Requirements Related to Power Sources	Cl.8.2 IEC 60601-1:2005+A1:2012+A2:2020
7.		Classification of Applied Parts	Cl.8.3 IEC 60601-1:2005+A1:2012+A2:2020
8.		Limitation of Voltage, Current Or Energy	Cl.8.4 IEC 60601-1:2005+A1:2012+A2:2020
9.	Medical Electrical Equipment-Part1: General Requirements for Basic Safety and Essential Performance	Separation of Parts	Cl.8.5 IEC 60601-1:2005+A1:2012+A2:2020
10.		Protective Earthing, Functional Earthing and Potential Equalization Of ME Equipment	Cl.8.6 IEC 60601-1:2005+A1:2012+A2:2020
11.		Leakage Currents And Patient Auxiliary Currents	Cl.8.7 IEC 60601-1:2005+A1:2012+A2:2020

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Electronic Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Medical Electrical Equipment		
12.		Dielectric Strength	Cl.8.8 IEC 60601-1:2005+A1:2012+A2:2020
13.		Creepage Distances And Air Clearances	Cl.8.9 IEC 60601-1:2005+A1:2012+A2:2020
14.		Components And Wiring	Cl.8.10 IEC 60601-1:2005+A1:2012+A2:2020
15.		Mains Parts, Components And Layout	Cl.8.11 IEC 60601-1:2005+A1:2012+A2:2020
16.		Protection Against Mechanical Hazards of ME Equipment's and ME System	Cl. 9, Cl. 9.1, Cl. 9.2, Cl. 9.3, Cl. 9.4, Cl. 9.5 IEC 60601-1:2005+A1:2012+A2:2020
17.	Medical Electrical Equipment-Part1: General Requirements for Basic Safety and Essential Performance	Protection Against Excessive Temperatures and Other Hazards	Cl. 11, Cl. 11.1, Cl. 11.2, Cl. 11.3, Cl. 11.4, Cl. 11.5, Cl. 11.6, Cl. 11.7, Cl. 11.8 IEC 60601-1:2005+A1:2012+A2:2020
18.		Hazardous Situations And Fault Conditions For Me Equipment	Cl.13, Cl. 13.1, Cl. 13.2 IEC 60601-1:2005+A1:2012+A2:2020
19.		Construction of Me Equipment	Cl. 15, Cl. 15.1, Cl. 15.2, Cl. 15.3, Cl. 15.4, Cl. 15.5 IEC 60601-1:2005+A1:2012+A2:2020



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Electronic Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Medical Electrical Equipment		
20.		ME Systems	Cl. 16, Cl. 16.1, Cl. 16.2, Cl. 16.3, Cl. 16.4, Cl. 16.5, Cl. 16.6, Cl. 16.7, Cl. 16.8, Cl. 16.9 IEC 60601-1:2005+A1:2012+ A2:2020

Photometry Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Luminaires		
1.	Electrical and Photometric Measurements of Solid-State Lighting Products	Power Supply Characteristics Wave Shape of A.C. Power Supply Voltage Regulation	Cl. No. 3.0 IES LM-79: 2008
2.		Seasoning of SSL Product	Cl. No. 4.0 IES LM-79: 2008
3.		Stabilization of SSL Product	Cl. No. 5.0 IES LM-79: 2008



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Photometry Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Luminaires		
4.		Luminous Intensity Distribution	Cl. No. 10.0 IES LM-79: 2008
5.		Luminous Efficacy	Cl. No. 11.0 IES LM-79: 2008
6.		Total Luminous Flux and Integrated Optical Measurements	Cl. No. 7.0 IES LM-79: 2019
7.		Luminous Intensity or Optical Angular Distribution Measurement	Cl. No. 8.0 IES LM-79: 2019
8.		Chromaticity Uniformity Measurements	Cl. No. 9.0 IES LM-79: 2019
9.	Method of Electrical and Photometric Measurements of Solid-State Lighting (LED) Products	Seasoning (Ageing) Of SSL Product	Cl. No. 6.0 IS 16106: 2012
10.		Stabilization of SSL Product	Cl. No. 7.0 IS 16106: 2012
11.		Luminous Intensity Distribution	Cl. No. 12.0 IS 16106: 2012
12.		Luminous Efficacy	Cl. No. 13.0 IS 16106: 2012
13.	Self-Ballasted Led Lamps for General Lighting Services Part 2 Performance Requirements	Marking	Cl. No. 5 IS 16102 (Part 2): 2017
14.		Dimensions	Cl. No. 6 IS 16102 (Part 2): 2017
15.		Lamp Input	Cl. No. 8 IS 16102 (Part 2): 2017

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Photometry Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Luminaires		
16.		Lamp Power	Cl. No. 8.1 IS 16102 (Part 2): 2017
17.		Power Factor	Cl. No. 8.2 IS 16102 (Part 2): 2017
18.		Harmonics	Cl. No. 8.3 IS 16102 (Part 2): 2017
19.		Light Output	Cl. No. 9 IS 16102 (Part 2): 2017
20.		Luminous Flux	Cl. No. 9.1 IS 16102 (Part 2): 2017
21.		Luminous Intensity Distribution, Peak Intensity and Beam Angle	Cl. No. 9.2 IS 16102 (Part 2): 2017
22.		Measurement	Cl. No. 9.2.2 IS 16102 (Part 2): 2017
23.		Luminous Intensity Distribution	Cl. No. 9.2.3 IS 16102 (Part 2): 2017
24.		Peak Intensity Value	Cl. No. 9.2.4 IS 16102 (Part 2): 2017
25.		Beam Angle Value	Cl. No. 9.2.5 IS 16102 (Part 2): 2017
26.		Efficacy	Cl. No. 9.3, IS 16102 (Part 2): 2017
27.		Colour Variation Categories (CCT)	Cl. No. 10.1, IS 16102 (Part 2): 2017
28.		Colour Rendering Index (CRI)	Cl. No. 10.2, IS 16102 (Part 2): 2017
29.		Lamp Life	Cl. No. 11, IS 16102 (Part 2): 2017

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Photometry Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Luminaires		
30.	Self-Ballasted Led Lamps for General Lighting Services Part 2 Performance Requirements	General	Cl. No. 11.1, IS 16102 (Part 2): 2017
31.		Lumen Maintenance	Cl. No. 11.2, IS 16102 (Part 2): 2017
32.		Endurance Tests	Cl. No. 11.3, IS 16102 (Part 2): 2017
33.	Led Modules for General Lighting Part 2 Performance Requirements	Marking	Cl. No. 4 IS 16103 (Part 2): 2012
34.		Dimensions	Cl. No. 5 IS 16103 (Part 2): 2012
35.		Module Power	Cl. No. 7: IS 16103 (Part 2): 2012
36.		Light Output	Cl. No. 8 IS 16103 (Part 2): 2012
37.		Luminous Flux	Cl. No. 8.1 IS 16103 (Part 2): 2012
38.		Luminous Intensity Distribution, Peak Intensity and Beam Angle	Cl. No. 8.2 IS 16103 (Part 2): 2012
39.		Luminous Intensity Distribution	Cl. No. 8.2.3 IS 16103 (Part 2): 2012
40.		Peak Intensity Value	Cl. No. 8.2.4 IS 16103 (Part 2): 2012
41.		Beam Angle Value	Cl. No. 8.2.5 IS 16103 (Part 2): 2012
42.		Luminaire Efficacy	Cl. No. 8.3 IS 16103 (Part 2): 2012

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Photometry Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Luminaires		
43.	Led Modules for General Lighting Part 2 Performance Requirements	Chromaticity Coordinates, Correlated Colour Temperature (CCT) And Colour Rendering	Cl. No.: 9 IS 16103 (Part 2): 2012
44.		Chromaticity Coordinates	Cl. No.: 9.1 IS 16103 (Part 2): 2012
45.		Correlated Colour Temperature (CCT)	Cl. No.: 9.2 IS 16103 (Part 2): 2012
46.		Colour Rendering Index (CRI)	Cl. No.: 9.3 IS 16103 (Part 2): 2012
47.		Led Module Life	Cl. No. 10 IS 16103 (Part 2): 2012
48.		Lumen Maintenance	Cl. No. 10 IS 16103 (Part 2): 2012
49.		Endurance Tests	Cl. No. 10.3 IS 16103 (Part 2): 2012
50.		Marking	Cl. No 4 IS 16103 (Part 2): 2025/ IEC 62717: 2019
51.		Dimensions	Cl. No 5 IS 16103 (Part 2): 2025/ IEC 62717: 2019
52.		Electrical LED Module Input	Cl. No 7 IS 16103 (Part 2): 2025/ IEC 62717: 2019



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Photometry Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Luminaires		
53.		Light Output	Cl. No 8 IS 16103 (Part 2): 2025/ IEC 62717: 2019
54.	LED Modules for General Lighting Part 2 Performance Requirements	Luminous Flux	Cl. No 8.1 IS 16103 (Part 2): 2025/ IEC 62717: 2019
55.		Luminous Intensity Distribution, Peak Intensity and Beam Angle	Cl. No 8.2 IS 16103 (Part 2): 2025/ IEC 62717: 2019
56.		Measurement	Cl. No 8.2.2 IS 16103 (Part 2): 2025/ IEC 62717: 2019
57.		Luminous Intensity Distribution	Cl. No 8.2.3 IS 16103 (Part 2): 2025/ IEC 62717: 2019
58.		Peak Intensity Value	Cl. No 8.2.4 IS 16103 (Part 2): 2025/ IEC 62717: 2019
59.		Beam Angle Value	Cl. No 8.2.5 IS 16103 (Part 2): 2025/ IEC 62717: 2019
60.		Luminous Efficacy	Cl. No 8.3 IS 16103 (Part 2): 2025/ IEC 62717: 2019
61.		Chromaticity Coordinates, Correlated Colour Temperature (CCT) And Colour Rendering	Cl. No 9 IS 16103 (Part 2): 2025/ IEC 62717: 2019

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Photometry Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Luminaires		
62.		Chromaticity Coordinates	Cl. No 9.1 IS 16103 (Part 2): 2025/ IEC 62717: 2019
63.		Correlated Colour Temperature (CCT)	Cl. No 9.2 IS 16103 (Part 2): 2025/ IEC 62717: 2019
64.		Colour Rendering Index (CRI)	Cl. No 9.3 IS 16103 (Part 2): 2025/ IEC 62717: 2019
65.		LED Module Life	Cl. No 10 IS 16103 (Part 2): 2025/ IEC 62717: 2019
66.		Lumen Maintenance	Cl. No 10.2 IS 16103 (Part 2): 2025/ IEC 62717: 2019
67.	LED Modules for General Lighting Part 2 Performance Requirements	Endurance Tests	Cl. No 10.3 IS 16103 (Part 2): 2025/ IEC 62717: 2019
68.		Temperature Cycling Test	Cl. No 10.3.2 IS 16103 (Part 2): 2025/ IEC 62717: 2019
69.		Supply Switching Test	Cl. No 10.3.3 IS 16103 (Part 2): 2025/ IEC 62717: 2019
70.		Accelerated Operation Life Test	Cl. No 10.3.4 IS 16103 (Part 2): 2025/ IEC 62717: 2019



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Photometry Testing			
Sl. No.	Product(S)/Material of Test	Specific Tests Performed	Test Method
	Luminaires		
71.	Recessed Luminaires	Photometric Tests	Cl. No. 17 IS 10322 (Part-5/Section-2): 2012
72.	Luminaires For Road and Street Lighting	Photometric Tests	Cl. No. 17 IS 10322 (Part-5/Section-3): 2012
73.	Flood Light	Photometric Requirements	Cl. No. 17 IS 10322 (Part-5/Section-5): 2013

