Quality And Accreditation Institute
Centre for International Accreditation

Certificate of Accreditation

EMC Testing and Compliance LLP

115, Pace City-1, Sector-37,
Gurugram-122001, Haryana, India

has been assessed and accredited in accordance with the Standard

ISO/IEC 17025:2017

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

Testing

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

QAI/CIA/TL/2024/0066
(Date of First Accreditation :17 July 2024)

Valid from: **17 July 2026**

Valid until: **16 July 2028**

Dr. Bhupendra Kumar Rana
Chief Executive Officer

Prof. Vikram Kumar
Chair, CIA

User is advised to verify the current certificate and scope of accreditation by visiting our website: www.qai.org.in

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Scope of Accreditation

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Scope Extended w.e.f: **10 November 2026**
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Accreditation Standard: ISO/IEC 17025:2017

Electrical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Environmental Test Facility		
1.	Electronic/ Electrical Products/ Telecommunication equipment and Automotive and Electromechanical products, Assemblies and other components	Protection Against water IP X1	IS/IEC 60529: 2001
2.		Protection Against water IP X1	IEC 60529: 1989
3.		Protection Against water IP X2	IS/IEC 60529: 2001
4.		Protection Against water IP X2	IEC 60529: 1989
5.		Protection Against water IP X3	IS/IEC 60529: 2001
6.		Protection Against water IP X3	IEC 60529: 1989
7.		Protection Against water IP X4	IS/IEC 60529: 2001
8.		Protection Against water IP X4	IEC 60529: 1989
9.		Protection Against water IP X5	IEC 60529:1989
10.		Protection Against water IP X5	IS/IEC 60529: 2001
11.		Protection Against water IP X6	IEC 60529: 1989
12.		Protection Against water IP X6	IS/IEC 60529: 2001
13.		Protection Against water IP X7	IS/IEC 60529: 2001
14.		Protection Against water IP X7	IEC 60529: 1989
15.		Protection Against water IP X8	IS/IEC 60529: 2001
16.		Protection Against water IP X8	IEC 60529: 1989
17.		Protection Against water IP X9	IS/IEC 60529: 2001
18.		Protection Against water IP X9	IEC 60529: 1989

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Electrical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Environmental Test Facility		
19.	Electronic/ Electrical Products/ Telecommunication equipment and Automotive and Electromechanical products, Assemblies and other components	Degree of protection against access to hazardous part indicated by the first characteristic numeral & Protection against solid foreign objects IP 1X	IS/IEC 60529: 2001
20.		Degree of protection against access to hazardous part indicated by the first characteristic numeral & Protection against solid foreign objects IP 1X	IEC 60529: 1989
21.		Degree of protection against access to hazardous part indicated by the first characteristic numeral & Protection against solid foreign objects IP 2X	IS/IEC 60529: 2001
22.		Degree of protection against access to hazardous part indicated by the first characteristic numeral &	IEC 60529: 1989

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Electrical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Environmental Test Facility		
		Protection against solid foreign objects IP 2X	
23.	Electronic/ Electrical Products/ Telecommunication equipment and Automotive and Electromechanical products, Assemblies and other components	Degree of protection against access to hazardous part indicated by the first characteristic numeral & Protection against solid foreign objects IP 3X	IS/IEC 60529: 2001
24.		Degree of protection against access to hazardous part indicated by the first characteristic numeral & Protection against solid foreign objects IP 3X	IEC 60529: 1989
25.		Degree of protection against access to hazardous part indicated by the first characteristic numeral & Protection against solid foreign objects IP 4X	IS/IEC 60529: 2001
26.		Degree of protection against access to hazardous part indicated by the first	IEC 60529: 1989

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Electrical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Environmental Test Facility		
		characteristic numeral & Protection against solid foreign objects IP 4X	
27.	Electronic/ Electrical Products/ Telecommunication equipment and Automotive and Electromechanical products, Assemblies and other components	Degree of protection against access to hazardous part indicated by the first characteristic numeral & Protection against solid foreign objects IP 5X	IEC 60529:1989
28.		Degree of protection against access to hazardous part indicated by the first characteristic numeral & Protection against solid foreign objects IP 5X	IS/IEC 60529: 2001
29.		Degree of protection against access to hazardous part indicated by the first characteristic numeral & Protection against solid foreign objects IP 6X	IEC 60529: 1989
30.		Degree of protection against access to hazardous part	IS/IEC 60529: 2001

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Electrical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Environmental Test Facility		
		indicated by the first characteristic numeral & Protection against solid foreign objects IP 6X	
31.	Electronic/ Electrical Products/ Telecommunication equipment and Automotive and Electromechanical products, Assemblies and other components	Horizontal flammability test	ANSI/UL 94:2021
32.		Vertical flammability test	ANSI/UL 94:2021
33.		flammability test	IEC 60695-11-3:2012
34.		flammability test	IEC 60695-11-4:2011
35.		flammability test	IEC 60695-11-10:2020
36.		flammability test	IEC 695-2-2:1994
37.		flammability test	IEC 60695 Part 11-20
38.		flammability test	ASTM D635
39.		Ultraviolet Resistance	MIL-STD-810, Method 505
40.		Change of temperature/ Thermal Shock/ Rapid change of temperature	ETSI EN 300 019-2-1 V2.3.1 (2017-11)/ ETSI EN 300 019-1-1 V2.2.1 (2014-04)/ ETSI EN 300 019-1-2 V2.2.1 (2014-04)/ ETSI EN 300 019-2-2 V2.4.1 (2017-11)/ ETSI EN 300 019-1-3 V2.4.1 (2014-04)/ ETSI EN 300 019-2-3 V2.5.1 (2020-10)/ ETSI EN 300 019-1-4 V2.2.1 (2014-04)/ ETSI

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	Environmental Test Facility		
			EN 300 019-2-4 V2.5.1 (2018-07); ETSI EN 300 019-1-5 V2.1.4 (2003-04); ETSI EN 300 019-2-5 V3.1.1 (2021-09); ETSI EN 300 019-1-6 V2.1.4 (2003-04); ETSI EN 300 019-2-6 V3.0.0 (2002-12); ETSI EN 300 019-1-7 V2.1.4 (20: 2019
41.	Electronic/ Electrical Products/ Telecommunication equipment and Automotive and Electromechanical products, Assemblies and other components	Cold Test/ Low temperature (Cold Cycle)	ETSI EN 300 019-1-2 V2.2.1: 2014
42.		Cold Test/ Low temperature (Cold Cycle)	ETSI EN 300 019-1-3 V2.4.1: 2014
43.		Cold Test/ Low temperature (Cold Cycle)	ETSI EN 300 019-2-3 V2.5.1: 2020
44.		Cold Test/ Low temperature (Cold Cycle)	ETSI EN 300 019-2-2 V2.4.1: 2017
45.		Vibration	RTCA/DO-160, Section 8
46.		Cold Test/ Low temperature (Cold Cycle)	ETSI EN 300 019-1-1 V2.2.1: 2014
47.		Cold Test/ Low temperature (Cold Cycle)	ETSI EN 300 019-2-1 V2.3.1: 2017
48.		Cold Test/ Low temperature (Cold Cycle)	ETSI EN 300 019-1-4 V2.2.1: 2014

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Environmental Test Facility		
49.		Cold Test/ Low temperature (Cold Cycle)	ETSI EN 300 019-2-4 V2.5.1: 2018
50.	Electronic/ Electrical Products/ Telecommunication equipment and Automotive and Electromechanical products, Assemblies and other components	Cold Test/ Low temperature (Cold Cycle)	ETSI EN 300 019-1-5 V2.1.4: 2003
51.		Cold Test/ Low temperature (Cold Cycle)	ETSI EN 300 019-2-5 V3.1.1: 2021
52.		Cold Test/ Low temperature (Cold Cycle)	ETSI EN 300 019-1-6 V2.1.4: 2003
53.		Cold Test/ Low temperature (Cold Cycle)	ETSI EN 300 019-2-6 V3.0.0: 2002
54.		Cold Test/ Low temperature (Cold Cycle)	ETSI EN 300 019-1-7 V2.1.4: 2003
55.		Shock -Drop	RTCA/DO-160, Section 7
56.		Cold Test/ Low temperature (Cold Cycle)	ETSI EN 300 019-2-7 V3.0.1: 2003
57.		Cold Test/ Low temperature (Cold Cycle)	ETSI EN 300 019-1-8 V2.1.4: 2003
58.		Cold Test/ Low temperature (Cold Cycle)	ETSI EN 300 019-2-8 V2.2.1: 2020
59.		Corrosion /salt fog / salt fog	ETSI EN 300 019-1-4 V2.2.1 (2014-04); ETSI EN 300 019-2-4 V2.5.1 (2018-07

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Electrical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Environmental Test Facility		
60.		Damp Heat (Cyclic)/ Tropical Exposure	ETSI EN 300 019-2-1 V2.3.1 (2017-11)/ ETSI EN 300 019-1-1 V2.2.1 (2014-04)/ ETSI EN 300 019-1-2 V2.2.1 (2014-04)/ ETSI EN 300 019-2-2 V2.4.1 (2017-11)/ ETSI EN 300 019-1-3 V2.4.1 (2014-04)/ ETSI EN 300 019-2-3 V2.5.1 (2020-10)/ ETSI EN 300 019-1-4 V2.2.1 (2014-04)/ ETSI EN 300 019-2-4 V2.5.1 (2018-07)/ ETSI EN 300 019-1-5 V2.1.4 (2003-04)/ ETSI EN 300 019-2-5 V3.1.1 (2021-09)/ ETSI EN 300 019-1-6 V2.1.4 (2003-04)/ ETSI EN 300 019-2-6 V3.0.0 (2002-12)/ ETSI EN 300 019-1-7 V2.1.4 (2003-04)/ ETSI E: 2010
61.	Electronic/ Electrical Products/ Telecommunication equipment and Automotive and Electromechanical products, Assemblies and other components	Damp Heat (steady state)	ETSI EN 300 019-2-1 V2.3.1 (2017-11); ETSI EN 300 019-1-1 V2.2.1 (2014-04); ETSI EN 300 019-1-2 V2.2.1 (2014-04); ETSI EN 300 019-2-2 V2.4.1 (2017-11); ETSI EN 300 019-1-3 V2.4.1 (2014-04); ETSI EN 300 019-2-3 V2.5.1 (2020-10); ETSI EN 300 019-1-4 V2.2.1 (2014-04); ETSI

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Environmental Test Facility		
			EN 300 019-2-4 V2.5.1 (2018-07); ETSI EN 30: 2014
62.		Drop test/ fall/ topple/ free fall	ETSI EN 300 019-1-2 V2.2.1 (2014-04); ETSI EN 300 019-2-2 V2.4.1 (2017-11), ETSI EN 300 019-1-7 V2.1.4 (2003-04); ETSI EN 300 019-2-7 V3.0.1 (2003-04)
63.	Electronic/ Electrical Products/ Telecommunication equipment and Automotive and Electromechanical products, Assemblies and other components	Dry Heat/ High temperature (Dry Heat Cycle)	ETSI EN 300 019-1-2 V2.2.1: 2014
64.		Dry Heat/ High temperature (Dry Heat Cycle)	ETSI EN 300 019-2-7 V3.0.1: 2003
65.		Dry Heat/ High temperature (Dry Heat Cycle)	ETSI EN 300 019-2-1 V2.3.1: 2017
66.		Dry Heat/ High temperature (Dry Heat Cycle)	ETSI EN 300 019-1-1 V2.2.1: 2014
67.		Dry Heat/ High temperature (Dry Heat Cycle)	ETSI EN 300 019-2-2 V2.4.1: 2017
68.		Dry Heat/ High temperature (Dry Heat Cycle)	ETSI EN 300 019-1-3 V2.4.1: 2014
69.		Dry Heat/ High temperature (Dry Heat Cycle)	ETSI EN 300 019-2-3 V2.5.1: 2020

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Environmental Test Facility		
70.	Electronic/ Electrical Products/ Telecommunication equipment and Automotive and Electromechanical products, Assemblies and other components	Dry Heat/ High temperature (Dry Heat Cycle)	ETSI EN 300 019-1-4 V2.2.1: 2014
71.		Dry Heat/ High temperature (Dry Heat Cycle)	ETSI EN 300 019-2-4 V2.5.1: 2018
72.		Dry Heat/ High temperature (Dry Heat Cycle)	ETSI EN 300 019-1-5 V2.1.4: 2003
73.		Dry Heat/ High temperature (Dry Heat Cycle)	ETSI EN 300 019-2-5 V3.1.1: 2021
74.		Vibration - Sine - Random and - Shock -Bump	IEC 60945, Section 8.12
75.		Dry Heat/ High temperature (Dry Heat Cycle)	ETSI EN 300 019-1-6 V2.1.4: 2003
76.		Dry Heat/ High temperature (Dry Heat Cycle)	ETSI EN 300 019-2-6 V3.0.0: 2003
77.		Corrosion /salt fog / salt fog	IEC 60945, Section 8.12
78.		Dry Heat/ High temperature (Dry Heat Cycle)	ETSI EN 300 019-1-7 V2.1.4: 2003
79.		Corrosion /salt fog / salt fog	ASTM G85
80.		Corrosion /salt fog / salt fog	RTCA/DO-160, Section 14
81.		Dry Heat/ High temperature (Dry Heat Cycle)	ETSI EN 300 019-1-8 V2.1.4: 2003

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Environmental Test Facility		
82.		Dry Heat/ High temperature (Dry Heat Cycle)	ETSI EN 300 019-2-8 V2.2.1: 2020
83.		Vibration - Sine - Random and - Shock -Bump	ETSI EN 300 019-2-1 V2.3.1 (2017-11); ETSI EN 300 019-1-1 V2.2.1 (2014-04); ETSI EN 300 019-1-2 V2.2.1 (2014-04); ETSI EN 300 019-2-2 V2.4.1 (2017-11); ETSI EN 300 019-1-3 V2.4.1 (2014-04); ETSI EN 300 019-2-3 V2.5.1 (2020-10); ETSI EN 300 019-1-4 V2.2.1 (2014-04); ETSI EN 300 019-2-4 V2.5.1 (2018-07); ETSI EN 300 019-1-5 V2.1.4 (2003-04); ETSI EN 300 019-2-5 V3.1.1 (2021-09); ETSI EN 300 019-1-6 V2.1.4 (2003-04); ETSI EN 300 019-2-6 V3.0.0 (2002-12); ETSI EN 300 019-1-7 V2.1.4 (2003-04); ETSI E: 2010; ETSI EN 300 019-2-7 V3.0.1 : 2003
84.	Electronic/ Electrical Products/ Telecommunication equipment and Automotive	Vibration - Sine - Random and - Shock -Bump	IEC 61373: 2010/BS EN 61373: 2010
85.		Damp heat Test	IEC 60945, Section 8.3

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	Environmental Test Facility		
86.	and Electromechanical products, Assemblies and other components	Mechanical impact/ Hammer tests	IEC 60068-2-75: 2014/ IS 9000(Part 7/Sec 7):2020/ IEC 62262: 2002
87.		Indentation Protection (IP 68)	ISO 20653: 2023
88.		Cold Test/ Low temperature (Cold Cycle)	JASO D 001: 1994
89.		Damp Heat (Cyclic)/ Tropical Exposure	JASO D 001: 1994
90.		Dry Heat/ High temperature (Dry Heat Cycle)	JASO D 001: 1994
91.	Electronic/ Electrical Products/ Telecommunication equipment and Automotive and Electromechanical products, Assemblies and other components	Thermal Shock - Rapid change of temperature with prescribed time of transfer (transition) / Rapid temperature cycle	JASO D 001:1994
92.		Vibration - Sine - Random and - Shock -Bump	Cl. 7.6 of JIS D 5500: 1995
93.		Vibration - Sine - Random and - Shock -Bump	JIS D 1601: 1995
94.		Vibration - Sine - Random and - Shock -Bump	SAE J1455: 2017

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Environmental Test Facility		
95.		Thermal Shock - Rapid change of temperature with prescribed time of transfer (transition) / Rapid temperature cycle	SAE J1455: 2017
96.		Thermal Temperature Cycling - Change of temperature with specified rate of change of temperature	SAE J1455: 2017
97.		Weathering test	SAE J2527: 2017
98.	Electronic/ Electrical Products/ Telecommunication equipment and Automotive and Electromechanical products, Assemblies and other components	Vibration - Sine - Random and - Shock -Bump	SAE J1211: 2012
99.		Composite Temperature Humidity cycle/ Climatic sequence/ Temperature cycling	IEC 61196-1-206: 2017
100.		weathering test	ISO 492-part 2: 2023
101.		weathering test	ASTM G155
102.		Accelerated weathering test	ASTM G154, ASTM D53
103.		Xenon Arc Exposure Test	ASTM D6789

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	Environmental Test Facility		
104.		Corrosion /salt fog / salt fog	ASTM B 117:2019/ ISO 9227: 2022/ JIS D 2371: 2000
105.		weathering test	ASTM D4459, ASTM D2565
106.		Vibration Test	Clause no. 4.1 of ISO 16750-3: 2023(Fourth edition)
107.		Mechanical shock	Clause no. 4.2 of ISO 16750-3: 2023(Fourth edition)
108.		Free fall	Clause no. 4.3 of ISO 16750-3: 2023(Fourth edition)
109.		Low-temperature tests- Storage Test	Clause no. 5.1.1.1 of ISO 16750-4: 2023(Fourth edition)
110.		Low-temperature tests- Operation test	Clause no. 5.1.1.2 of ISO 16750-4: 2023(Fourth edition)
111.	Electronic/ Electrical Products/ Telecommunication equipment and Automotive and Electromechanical products, Assemblies and other components	High-temperature tests- Storage Test	Clause no. 5.1.2.1 of ISO 16750-4: 2023(Fourth edition)
112.		High-temperature tests- Operation test	Clause no. 5.1.2.2 of ISO 16750-4: 2023(Fourth edition)
113.		Temperature step test	Clause no. 5.2 of ISO 16750-4: 2023(Fourth edition)
114.		Temperature cycling tests	Clause no. 5.3 of ISO 16750-4: 2023(Fourth edition)

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	Environmental Test Facility		
115.		Salt spray	Clause no. 5.5 of ISO 16750-4: 2023(Fourth edition)
116.		Humid heat, cyclic	Clause no. 5.6 of ISO 16750-4: 2023(Fourth edition)
117.		Damp heat, steady-state	Clause no. 5.7 of ISO 16750-4: 2023(Fourth edition)
118.		Protection against dust and water	Clause no. 7 of ISO 16750-4: 2023(Fourth edition)
119.		Cyclic damp heat Test	BS EN 50155: 2021 (Cl. No. 13.4.8, 4.4.2, 4.4.7)
120.		DC Power supply Test	BS EN 50155: 2021 (Cl. No. 13.4.3, 5.2)
121.		Dry Heat Test	BS EN 50155: 2021 (Cl. No. 13.4.5, 4.4.2, 4.4.3)
122.	Electronic/ Electrical Products/ Telecommunication equipment and Automotive and Electromechanical products, Assemblies and other components	Enclosure Protection Test (IP Code)	BS EN 50155: 2021 (Cl. No. 13.4.10.5, 4.4.7, 10.9
123.		Insulation Test	BS EN 50155: 2021 (Cl. No. 13.4.7, 4.6.8, 7.2.1)
124.		Low Temperature storage Test	BS EN 50155: 2021 (Cl. No. 13.4.6, 4.1)
125.		Low Temperature Test	BS EN 50155: 2021 (Cl. No. 13.4.4, 4.4.2)

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Environmental Test Facility		
126.		Performance Test	BS EN 50155: 2021 (Cl. No. 13.4.2, 4.2, 4.3)
127.		Rapid Temperature Variation Test	BS EN 50155: 2021 (Cl. No. 13.4.12, 4.4.4)
128.		Salt Mist Test	BS EN 50155: 2021 (Cl. No. 13.4.13, 4.5.2)
129.		Shock and Vibration Test	BS EN 50155: 2021 (Cl. No. 13.4.10, 4.4.5)
130.		Stress Screening Test	BS EN 50155: 2021 (Cl. No. 13.4.11)
131.		Visual Inspection	BS EN 50155: 2021 (Cl. No. 13.4.1, 4.1)
132.		Cold Test	IS/IEC 60068 Part 2 Sec 1: 2007/IEC 60068 Part 2 Sec 1: 2025
133.		Tropical Exposure (Damp Heat Cyclic Test)	IS/IEC 60068(Part 2 Sec 30): 2025/IEC 60068(Part 2 Sec 30): 2025
134.	Electronic/ Electrical Products/ Telecommunication equipment and Automotive and Electromechanical products, Assemblies and other components	Dry Heat Test	IS/IEC 60068 Part 2, Sec 2: 2007//IEC 60068 Part 2, Sec 2: 2025
135.		Mould growth	IS/IEC 60068: Part 2: Sec 10: 2018
136.		Mould growth	IEC 60068-2-10:2018
137.		Low air pressure	IS/IEC 60068: Part 2: Sec 13: 2021
138.		Low air pressure	IEC 60068-2-13: 2021

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Electrical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Environmental Test Facility		
139.		Change of Temperature	IS/IEC 60068: Part 2: Sec 14: 2023
140.		Composite Temperature Humidity Cyclic test	IS/IEC 60068: Part 2: Sec 38: 2021
141.		Composite Temperature Humidity Cyclic test	IEC 60068-2-38:2021
142.		Vibration /Shock Test	AIS 156: 2020
143.		Vibration Test	IS/IEC 60068 Part 2, Sec 6: 2007
144.		Visual Inspection Test	IEC 60571 (Cl. No. 12.2.2): 2012
145.		Performance Test	IEC 60571 (Cl. No. 12.2.3): 2012
146.		Cold Start Test	IEC 60571 (Cl. No. 12.2.4): 2012
147.		Damp heat Test, Cyclic	IEC 60571 (Cl. No. 12.2.6): 2012
148.		Supply over voltage's Test	IEC 60571 (Cl. No. 12.2.7): 2012
149.		Dry heat Test	IEC 60571 (Cl. No. 12.2.5): 2012
150.	Electronic/ Electrical Products/ Telecommunication equipment and Automotive and Electromechanical	Equipment Stress Screening Test	IEC 60571 (Cl. No. 12.2.14): 2012
151.		Insulation Test	IEC 60571 (Cl. No. 12.2.10): 2012
152.		Low Temperature storage Test	IEC 60571 (Cl. No. 12.2.15: 2012
153.		Salt Mist Test	IEC 60571 (Cl. No. 12.2.11): 2012

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Electrical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Environmental Test Facility		
154.	products, Assemblies and other components	Vibration, Shock and Bump Test	IEC 60571 (Cl. No. 12.2.12): 2012
155.		Watertightness Test	IEC 60571 (Cl. No. 12.2.13): 2012
156.		Life (At Elevated Temperature)	MIL-STD-202 F, G, H
157.		Thermal Shock	MIL-STD-202 F, G, H:2015
158.		Humidity (Steady State)	MIL-STD-202 F, G, H:2015
159.		Vibration Test	MIL-STD-202 F, G, H:2015
160.		Immersion test	MIL-STD-202 F, G, H :2015
161.		Salt Atmosphere (Corrosion)	MIL-STD-202 F, G, H
162.		Resistance to Solvents	MIL-STD-202 F, G, H
163.		Shock Test	MIL-STD-202 F, G, H
164.		Sand And Dust	MIL-STD-202 F, G, H:2015
165.		Bump Test	IS 10236: Part 10: 1985
166.		Salt mist Test	IS 10236: Part 6: 1982
167.	Electronic/ Electrical Products/ Telecommunication equipment and Automotive and Electromechanical	Damp heat Test	IS 10236: Part 4: 1982
168.		Drop Test	IS 10236: Part 15: 1986
169.		Dust Test	IS 10236: Part 13: 1986

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Electrical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Environmental Test Facility		
170.	products, Assemblies and other components	Cold Test	IS 10236: Part 3: 1982
171.		Thermal shock (rapid change of temperature) test	IS 10236: Part 8: 1983
172.		Shock Test	IS 10236: Part 12: 1985
173.		Damp heat Test	IEC 60945, Section 8.3
174.		Damp heat (cyclic) test	IS 10236: Part 5: 1982
175.		Vibration test	IS 10236: Part 11: 1985
176.		Dry Heat Test	IS 10236: Part 2: 1982
177.		Performance, construction and function	JIS D 5500:1995 (CL.4.1)
178.		Resistance to heat	JIS D 5500:1995 (CL.4.6, 7.5)
179.		Resistance to vibration	JIS D 5500:1995 (CL.4.7, 7.6)
180.		Resistance to shock	JIS D 5500:1995 (CL.4.8)
181.		Waterproof	JIS D 5500:1995 (CL.4.10, 7.9)
182.		Insulating property	JIS D 5500:1995 (CL.4.11, 7.10)
183.	Electronic/ Electrical Products/ Telecommunication	Resistance to Corrosion	JIS D 5500:1995 (CL.4.12)
184.		Bump Test	Test No-5 of JSS 55555: 2025

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Electrical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Environmental Test Facility		
185.	equipment and Automotive and Electromechanical products, Assemblies and other components	Contamination test	Test No-6 of JSS 55555: 2025
186.		Corrosion (acid)Test	Test No-7 of JSS 55555: 2025
187.		Corrosion (salt) Test	Test No-9 of JSS 55555: 2025
188.		Damp heat Test	Test No-10 of JSS 55555: 2025
189.		Drip proof Test	Test No-11 of JSS 55555: 2025
190.		Drop Test	Test No-13 of JSS 55555: 2025
191.		Dust Test	Test No-14 of JSS 55555: 2025
192.		Fine mist Test	Test No-16 of JSS 55555: 2025
193.		High temperature Test	Test No-17 of JSS 55555: 2025
194.		Immersion Test	Test No-19 of JSS 55555: 2025
195.		Low temperature Test	Test No-20 of JSS 55555: 2025
196.		Rapid temperature cyclic	Test No-22 of JSS 55555: 2025
197.		Shock or Impact Test	Test No-24 of JSS 55555: 2025
198.		Toppling Test	Test No-26 of JSS 55555: 2025

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Environmental Test Facility		
199.	Electronic/ Electrical Products/ Telecommunication equipment and Automotive and Electromechanical products, Assemblies and other components	Tropical exposure Test	Test No-27 of JSS 55555: 2025
200.		Vibration test	Test No-28 of JSS 55555: 2025
201.		Temperature, Humidity, Vibration, Altitude	Test No-30 of JSS 55555: 2025
202.		High Temperature	Test Method 501.7 of MIL-STD- 810 E, F, G, H: 2019
203.		Low Temperature	Test Method 502.7 of MIL-STD- 810 E, F, G, H: 2019
204.		Temperature Shock	Test Method 503.7 of MIL-STD- 810 E, F, G, H: 2019
205.		Contamination by Fluids	Test Method 504.7 of MIL-STD- 810 E, F, G, H: 2019
206.		Rain	Test Method 506.7 of MIL-STD- 810 E, F, G, H: 2019
207.		Humidity	Test Method 507.7 of MIL-STD- 810 E, F, G, H: 2019
208.		Fungus	Test Method 508.7 of MIL-STD- 810 E, F, G, H: 2019
209.		Salt Fog	Test Method 509.7 of MIL-STD- 810 E, F, G, H: 2019

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Electrical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Environmental Test Facility		
210.	Electronic/ Electrical Products/ Telecommunication equipment and Automotive and Electromechanical products, Assemblies and other components	Sand and dust	Test Method 510.7 of MIL-STD- 810 E, F, G, H: 2019
211.		Immersion	Test Method 512.6 of MIL-STD- 810 E, F, G, H: 2019
212.		Vibration	Test Method 514.8 of MIL-STD- 810 E, F, G, H: 2019
213.		Shock	Test Method 516.8 of MIL-STD- 810 E, F, G, H: 2019
214.		Combined Environments	Test Method 520.5 of MIL-STD- 810 E, F, G, H: 2019
215.		Cold Test/ Low temperature (Cold Cycle)	Test No. 1 of QM 333: 2010
216.		High temperature (Dry Heat Cycle)	Test No. 2 of QM 333: 2010
217.		Tropical exposure (Damp Heat Cyclic)	Test No. 3 of QM 333: 2010
218.		Rapid temperature cycle	Test No. 4 of QM 333: 2010
219.		Damp heat (Steady state)	Test No. 5 of QM 333: 2010
220.		Vibration Test	Test No. 6 of QM 333: 2010
221.		Water immersion Test	Test No. 8 of QM-333: 2010

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Electrical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Environmental Test Facility		
222.		Corrosion /salt fog / salt fog	Test No. 9 of QM-333: 2010
223.	Electronic/ Electrical Products/ Telecommunication equipment and Automotive and Electromechanical products, Assemblies and other components	Drop Test	Test No. 10 of QM 333: 2010
224.		Topple test	Test No. 11 of QM 333: 2010
225.		Fall test	Test No. 12 of QM 333: 2010
226.		Bump / Roadability	Test No. 13 Procedure B of QM-333: 2010
227.		Rain Test	Test No. 14 of QM 333: 2010
228.		Dust Test	Test No. 15 of QM 333: 2010
229.		BUMP	JSS 5585:2019
230.		Corrosion (salt/salt fog)	JSS5585:2019
231.		Damp heat	JSS5585:2019
232.		Drop	JSS5585:2019
233.		Dust	JSS5585:2019
234.		High temperature	JSS5585:2019
235.		Immersion	JSS5585:2019
236.		Low temperature	JSS5585:2019

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Electrical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Environmental Test Facility		
237.		Rapid temperature cycling (thermal shock)	JSS5585:2019
238.		Vibration	JSS5585:2019
239.	Electronic/ Electrical Products/ Telecommunication equipment and Automotive and Electromechanical products, Assemblies and other components	Fine mist	JSS5585:2019
240.		Shock or impact	JSS5585:2019
241.		Corrosion / Salt Spray	JSS 0256-01: 2023 (Test No. 12)
242.		Drop test	JSS 0256-01:2023 (Test No. 20)
243.		Dust test/ sand	JSS 0256-01: 2023 (Test No. 9)
244.		fall	JSS 0256-01:2023 (Test No.22)
245.		Topple	JSS 0256-01:2023 (Test No. 24)
246.		Free Fall	JSS 0256-01:2023 (Test No. 25)
247.		Drop test/ fall/ topple/ free fall	JSS 0256-01:2023(Test No. 20, 22, 24, 25)
248.		Tropical Exposure	JSS 0256-01:2023(Test No. 4)
249.		Mould Growth	JSS 0256-01:2023(Test No.13)
250.		Mould Growth	ASTM G21
251.		Shock	JSS 0256-01:2023(Test No. 18)

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Electrical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Environmental Test Facility		
252.		Bump	JSS 0256-01:2023(Test No. 23)
253.		High Temperature	JSS 0256-01:2023(Test No. 1)
254.		Low Temperature	JSS 0256-01:2023(Test No. 2)
255.	Electronic/ Electrical Products/ Telecommunication equipment and Automotive and Electromechanical products, Assemblies and other components	Temperature Shock	JSS 0256-01:2023(Test No. 5)
256.		Corrosion /salt fog	IEC 60068-2-52: 2017
257.		Vibration - Sine - Random and - Shock -Bump	IEC 60068-2-27: 2008
258.		Temperature, humidity, vibration/ Combined climatic (temperature/humidity) and dynamic (vibration/shock) tests	IS 9000-7-1: 2018/ IEC 60068-2-53: 2010
259.		Vibration - Sine - Random and - Shock -Bump	IEC 60068-2-64 (A1: 2019): 2008
260.		Corrosion /salt fog	IEC 60068-2-11: 2021
261.		Damp Heat (steady state)	IEC 60068-2-78:2025, IS 9000 (Part 4):2020

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Electrical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Environmental Test Facility		
262.		Dust test/ sand	IS 9000: Part 12: 1981/ IEC 60068-2-67:1995
263.		Free fall	IEC 60068-2-31: 2008
264.		Drip Proof/ Water	IS 9000: Part 23: 1984 (RA: 2019)/ IEC 60068-2-18:2017
265.	Electronic/ Electrical Products/ Telecommunication equipment and Automotive and Electromechanical products, Assemblies and other components	Robustness of terminations and integral mounting devices	IEC 60068-2-21:2021; IS 9000: Part 19: Sec 1 to 5: 1986
266.		Drop test/ fall/ topple/ free fall	IS 9000: Part 7: Sec. 3: 2019/IEC 60068-2-31: 2008
267.		Dust test/ sand	IEC 60068-2-68:1994
268.		Resistance to cleaning solvents and permanence of markings	IS 9000: Part 20: 1979
269.		Glow Wire Test	IS 11000-2-1:2018/ IEC 60695-2-10: 2021/ BS EN 60695-2-11: 2021
270.		Needle Flame Test	IS/IEC 60695-11-5: 2016/ IEC 60695-11-5: 2016/ BS EN 60695-11-5: 2017
271.		Ball Pressure test (Resistance to heat test)	IEC 60695-10-2: 2014
272.		Damp Heat (steady state)	Cl 6.8.2 of IEC 61010-1:2010; Cl. 10.3 of IS 616: 2017/ Cl. 10.3 of IEC 60065:2014; Cl. 5.4.8 of IEC 62368-1:

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Environmental Test Facility		
			2023 & Cl. 5.4.8 of IS/IEC 62368-1:2023
273.		Driving rain	IS 10236 Part 14: 1986
274.		Driving rain	Test No-12 of JSS 55555: 2025
275.		Driving rain	IS 9000 Part 16: 1983
276.	Electronic/ Electrical Products/ Telecommunication equipment and Automotive and Electromechanical products, Assemblies and other components	Mould growth	Test No-21 of JSS 55555: 2025
277.		Mould growth	IS 10236: Part 7: 1983
278.		Mould growth	IS 9000 Part 16: 1983
279.		Driving rain	Test No-7 of JSS 5855: 2019
280.		Mould growth	MIL-STD-810H, Method 508
281.		Mould growth	Test No-13 of JSS 5855: 2019
282.		Mould growth	ASTM G21
283.		Contamination test	Test No-4 of JSS 5855: 2019
284.		Drip proof Test	Test No-27 of JSS 5855: 2019
285.		Shock or Impact Test	Test No-16 of JSS 5855: 2019
286.		Toppling Test	Test No-18 of JSS 5855: 2019

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Electrical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Environmental Test Facility		
287.		Tropical exposure Test	Test No-19 of JSS 5855: 2019
288.		Temperature, Humidity, Vibration, Altitude	Test No-29 of JSS 5855: 2019

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Electrical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Domestic Electrical Appliances		
1.	Electric Iron stain Cleaning Appliances, Spin Extractors, Cooking Ranges, Hobs, Ovens and similar appliances, Electrical Shavers Hair, Clippers and Similar Appliances, Tumbler Dryers, Warming Plates and Similar Appliances, Frying Pans, deep fat Fryers and similar appliances, Appliances for Heating Liquids, Massage Appliances, Electric Forced Convection Ovens, Steam Cookers and Steam-Convection Ovens, Electric Heating Tools, Electric Steam Cookers, Insect Killers, Electric Fence Energizers, Electric Call Bells and Buzzers for Indoor Use, Electric Water Boilers, Electric Coffee Makers, Electric Bean Slicers,	General requirement	Cl.4 of IS 302 (Part 1): 2024/IEC 60335-1: 2020/BS EN 60335-1: 2020
2.		General conditions for tests	Cl.5 of IS 302 (Part 1): 2024/IEC 60335-1: 2020/BS EN 60335-1: 2020
3.		Classification	Cl.6 of IS 302 (Part 1): 2024/IEC 60335-1: 2020/BS EN 60335-1: 2020
4.		Marking and Instructions	Cl.7 of IS 302 (Part 1): 2024/IEC 60335-1: 2020/BS EN 60335-1: 2020
5.		Protection Against Electric Shock	Cl.8 of IS 302 (Part 1): 2024/IEC 60335-1: 2020/BS EN 60335-1: 2020
6.		Starting of Motor Operated Appliances	Cl.9 of IS 302 (Part 1): 2024/IEC 60335-1: 2020/BS EN 60335-1: 2020
7.		Power Input and Current	Cl.10 of IS 302 (Part 1): 2024/IEC 60335-1: 2020/BS EN 60335-1: 2020

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Electrical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Domestic Electrical Appliances		
8.	Electric Berry- juice Extractors, Electric Can Openers, Electric Centrifugal Juicers, Electric Churns, Electric Citrus- fruit Squeezers, Electric Coffee Mills not exceeding 500g hopper capacity, Electric Cream Whippers, Electric Egg Beaters, Electric Food Processors, Electric Grain Grinders not exceeding 3l hopper capacity, Electric Graters, Electric Ice- Cream Machines, including those for use in refrigerators and freezers, Electric Knife Sharpeners, Electric Knives, Electric Noodle Makers, Electric Potato Peelers, Electric Shredders, Electric Sieving Machines, Slicing Machines, Electric Hot Plates,	Heating	Cl.11 of IS 302 (Part 1): 2024/IEC 60335-1: 2020/BS EN 60335-1: 2020
9.		Charging of metal-ion batteries	Cl.12 of IS 302 (Part 1): 2024/IEC 60335-1: 2020/BS EN 60335-1: 2020
10.		Leakage Current and electric strength at Operating Temperature	Cl.13 of IS 302 (Part 1): 2024/IEC 60335-1: 2020/BS EN 60335-1: 2020
11.		Transient Overvoltages	Cl.14 of IS 302 (Part 1): 2024/IEC 60335-1: 2020/BS EN 60335-1: 2020
12.		Moisture Resistance	Cl.15 of IS 302 (Part 1): 2024/IEC 60335-1: 2020/BS EN 60335-1: 2020
13.		leakage current and electric strength	Cl.16 of IS 302 (Part 1): 2024/IEC 60335-1: 2020/BS EN 60335-1: 2020
14.		Overload Protection of Transformers and Associated Circuits	Cl.17 of IS 302 (Part 1): 2024/IEC 60335-1: 2020/BS EN 60335-1: 2020

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Domestic Electrical Appliances		
15.	Single Walled Baking Ovens, Low Speed Food Grinding Machines, Dishwashers, Floor Treatment Machines and Wet Scrubbing Machines, Food Waste Disposers, Blankets, Pads, Clothing and Similar Flexible Heating Appliances, Appliances for Skin Exposure to Optical Radiation, Commercial Electric Cooking Ranges, Ovens, Hobs and Hob Elements, Commercial Electric Doughnut Fryers and Deep Fat Fryers, Commercial Electric	Endurance	Cl.18 of IS 302 (Part 1): 2024/IEC 60335-1: 2020/BS EN 60335-1: 2020
16.		Abnormal Operation	Cl.19 of IS 302 (Part 1): 2024/IEC 60335-1: 2020/BS EN 60335-1: 2020
17.		Stability and Mechanical hazards	Cl.20 of IS 302 (Part 1): 2024/IEC 60335-1: 2020/BS EN 60335-1: 2020
18.		Mechanical Strength	Cl.21 of IS 302 (Part 1): 2024/IEC 60335-1: 2020/BS EN 60335-1: 2020
19.		Construction	Cl.22 of IS 302 (Part 1): 2024/IEC 60335-1: 2020/BS EN 60335-1: 2020
20.		Internal Wiring	Cl.23 of IS 302 (Part 1): 2024/IEC 60335-1: 2020/BS EN 60335-1: 2020
21.		Components	Cl.24 of IS 302 (Part 1): 2024/IEC 60335-1: 2020/BS EN 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		
22.		Supply Connection and External Flexible Cords	Cl.25 of IS 302 (Part 1): 2024/IEC 60335-1: 2020/BS EN 60335-1: 2020
23.		Terminal for External Conductors	Cl.26 of IS 302 (Part 1): 2024/IEC 60335-1: 2020/BS EN 60335-1: 2020
24.		Provision for Earthing	Cl.27 of IS 302 (Part 1): 2024/IEC 60335-1: 2020/BS EN 60335-1: 2020
25.		Screws and Connections	Cl.28 of IS 302 (Part 1): 2024/IEC 60335-1: 2020/BS EN 60335-1: 2020
26.		Clearances, Creepage Distances and Solid Insulation	Cl.29 of IS 302 (Part 1): 2024/IEC 60335-1: 2020/BS EN 60335-1: 2020
27.		Resistance to heat and fire	Cl.30 of IS 302 (Part 1): 2024/IEC 60335-1: 2020/BS EN 60335-1: 2020

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Electrical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Domestic Electrical Appliances		
28.		Resistance to rusting	Cl.31 of IS 302 (Part 1): 2024/IEC 60335-1: 2020/BS EN 60335-1: 2020
29.	Vacuum Cleaners and Water Suction Cleaning Appliances	General requirement	Cl.4 of IS 302 Part 2 Sec 2: 1997/IEC 60335-2-2: 2019
30.		Rating	Cl.5 of IS 302 Part 2 Sec 2: 1997/IEC 60335-2-2: 2019
31.		Classification	Cl.6 of IS 302 Part 2 Sec 2: 1997/IEC 60335-2-2: 2019
32.		Marking	Cl.7 of IS 302 Part 2 Sec 2: 1997/IEC 60335-2-2: 2019
33.		Protection against electric shock	Cl.8 of IS 302 Part 2 Sec 2: 1997/IEC 60335-2-2: 2019
34.		Starting Of Motor Operating Appliances	Cl.9 of IS 302 Part 2 Sec 2: 1997/IEC 60335-2-2: 2019
35.		Input	Cl.10 of IS 302 Part 2 Sec 2: 1997/IEC 60335-2-2: 2019
36.		Temperature Rise	Cl.11 of IS 302 Part 2 Sec 2: 1997/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		
37.		Electricals Insulation and Leakage Current at operating temperature	Cl.13 of IS 302 Part 2 Sec 2: 1997/IEC 60335-2-2: 2019
38.		Moisture Resistance	Cl.15 of IS 302 Part 2 Sec 2: 1997/IEC 60335-2-2: 2019
39.	Vacuum Cleaners and Water Suction Cleaning Appliances	Insulation Resistance and Electric Strength (after humidity treatment)	Cl.16 of IS 302 Part 2 Sec 2: 1997/IEC 60335-2-2: 2019
40.		Overload protection	Cl.17 of IS 302 Part 2 Sec 2: 1997/IEC 60335-2-2: 2019
41.		Abnormal Operation	Cl.19 of IS 302 Part 2 Sec 2: 1997/IEC 60335-2-2: 2019
42.		Stability and Mechanical Hazards	Cl.20 of IS 302 Part 2 Sec 2: 1997/IEC 60335-2-2: 2019
43.		Mechanical Strength	Cl.21 of IS 302 Part 2 Sec 2: 1997/IEC 60335-2-2: 2019
44.		Construction	Cl.22 of IS 302 Part 2 Sec 2: 1997/IEC 60335-2-2: 2019
45.		Internal wiring	Cl.23 of IS 302 Part 2 Sec 2: 1997/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		
46.	Vacuum Cleaners and Water Suction Cleaning Appliances	Components	Cl.24 of IS 302 Part 2 Sec 2: 1997/IEC 60335-2-2: 2019
47.		Supply Connection and External Flexible Cables and Cords	Cl.25 of IS 302 Part 2 Sec 2: 1997/IEC 60335-2-2: 2019
48.		Terminals For External Conductor	Cl.26 of IS 302 Part 2 Sec 2: 1997/IEC 60335-2-2: 2019
49.		Provision For Earthing	Cl.27 of IS 302 Part 2 Sec 2: 1997/IEC 60335-2-2: 2019
50.		Screws And Connection	Cl.28 of IS 302 Part 2 Sec 2: 1997/IEC 60335-2-2: 2019
51.		Creepage distances, Clearances and Solid Insulation	Cl.29 of IS 302 Part 2 Sec 2: 1997/IEC 60335-2-2: 2019
52.		Resistance to Heat, Fire and tracking	Cl.30 of IS 302 Part 2 Sec 2: 1997/IEC 60335-2-2: 2019
53.		Resistance to Rusting	Cl.31 of IS 302 Part 2 Sec 2: 1997/IEC 60335-2-2: 2019
54.	Electric Irons	General requirement	Cl.4 of IS 302-2-3:2024 (IEC 60335-2-3: 2022)

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Electrical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Domestic Electrical Appliances		
55.		General conditions for tests	Cl.5 of IS 302-2-3:2024 (IEC 60335-2-3: 2022)
56.		Classification	Cl.6 of IS 302-2-3:2024 (IEC 60335-2-3: 2022)
57.		Marking and Instructions	Cl.7 of IS 302-2- 3:2024 (IEC 60335-2-3: 2022)
58.	Electric Irons	Protection Against Electric Shock	Cl.8 of IS 302-2-3:2024 (IEC 60335-2-3: 2022)
59.		Power input and current	Cl.10 of IS 302-2-3:2024 (IEC 60335-2-3: 2022)
60.		Heating	Cl.11 of IS 302-2-3:2024 (IEC 60335-2-3: 2022)
61.		Charging of metal-ion batteries	Cl.12 of IS 302-2-3:2024 (IEC 60335-2-3: 2022)
62.		Leakage current and electric strength at operating temperature	Cl.13 of IS 302-2-3:2024 (IEC 60335-2-3: 2022)

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Domestic Electrical Appliances		
63.		Transient overvoltage	Cl.14 of IS 302-2-3:2024 (IEC 60335-2-3: 2022)
64.		Moisture Resistance	Cl.15 of IS 302-2-3:2024 (IEC 60335-2-3: 2022)
65.		Insulation Resistance and Electric Strength (After Humidity Treatment)	Cl.16 of IS 302-2-3:2024 (IEC 60335-2-3: 2022)
66.	Electric Irons	Overload protection	Cl.17 of IS 302-2-3:2024 (IEC 60335-2-3: 2022)
67.		Abnormal Operation	Cl.19 of IS 302-2-3:2024 (IEC 60335-2-3: 2022)
68.		Stability and Mechanical hazards	Cl.20 of IS 302-2-3:2024 (IEC 60335-2-3: 2022)
69.		Mechanical Strength	Cl.21 of IS 302-2-3:2024 (IEC 60335-2-3: 2022)
70.		Construction	Cl.22 of IS 302-2-3:2024 (IEC 60335-2-3: 2022)
71.		Internal Wiring	Cl.23 of IS 302-2-3:2024 (IEC 60335-2-3: 2022)

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Electrical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Domestic Electrical Appliances		
72.		Components	Cl.24 of IS 302-2-3:2024 (IEC 60335-2-3: 2022)
73.		Supply Connection and External Flexible Cables and Cords	Cl.25 of IS 302-2-3:2024 (IEC 60335-2-3: 2022)
74.		Terminal for External Conductors	Cl.26 of IS 302-2-3:2024 (IEC 60335-2-3: 2022)
75.	Electric Irons	Provision for Earthing	Cl.27 of IS 302-2-3:2024 (IEC 60335-2-3: 2022)
76.		Screws and Connections	Cl.28 of IS 302-2-3:2024 (IEC 60335-2-3: 2022)
77.		Creepage Distance and Clearances	Cl.29 of IS 302-2-3:2024 (IEC 60335-2-3: 2022)
78.		Resistance to heat and fire and tracking	Cl.30 of IS 302-2-3:2024 (IEC 60335-2-3: 2022)
79.		Resistance to rusting	Cl.31 of IS 302-2-3:2024 (IEC 60335-2-3: 2022)
80.	Spin extractors	General notes on tests	Cl.4 of IS 302-2-4: 1993/IEC 60335-2-4: 2023
81.		Rating	Cl.5 of IS 302-2-4: 1993/IEC 60335-2-4: 2023

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Domestic Electrical Appliances		
82.		Classification	Cl.6 of IS 302-2-4: 1993/IEC 60335-2-4: 2023
83.		Marking	Cl.7 of IS 302-2-4: 1993/IEC 60335-2-4: 2023
84.		Protection Against electric shock	Cl.8 of IS 302-2-4: 1993/IEC 60335-2-4: 2023
85.		Input and current	Cl.10 of IS 302-2-4: 1993/IEC 60335-2-4: 2023
86.	Spin extractors	Heating	Cl.11 of IS 302-2-4: 1993/IEC 60335-2-4: 2023
87.		Electric insulation and Leakage current at operating temperature	Cl.13 of I IS 302-2-4: 1993/IEC 60335-2-4: 2023
88.		Radio And Television Interference Suppression	Cl.14 of IS 302-2-4: 1993/IEC 60335-2-4: 2023
89.		Moisture Resistance	Cl.15 of IS 302-2-4: 1993/IEC 60335-2-4: 2023
90.		Insulation Resistance and Electric Shock Strength (After Humidity Treatment)	Cl.16 of IS 302-2-4: 1993/IEC 60335-2-4: 2023
91.		Overload protection	Cl.17 of IS 302-2-4: 1993/IEC 60335-2-4: 2023

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Domestic Electrical Appliances		
92.	Spin extractors	Abnormal Operation	Cl.19 of IS 302-2-4: 1993/IEC 60335-2-4: 2023
93.		Stability and Mechanical Hazards	Cl.20 of IS 302-2-4: 1993/IEC 60335-2-4: 2023
94.		Mechanical Strength	Cl.21 of IS 302-2-4: 1993/IEC 60335-2-4: 2023
95.		Construction	Cl.22 of IS 302-2-4: 1993/IEC 60335-2-4: 2023
96.		Internal wiring	Cl.23 of IS 302-2-4: 1993/IEC 60335-2-4: 2023
97.		Components	Cl.24 of IS 302-2-4: 1993/IEC 60335-2-4: 2023
98.		Supply Connection and External Flexible cables and Cords	Cl.25 of IS 302-2-4: 1993/IEC 60335-2-4: 2023
99.		Terminals For External Conductors	Cl.26 of IS 302-2-4: 1993/IEC 60335-2-4: 2023
100.		Provision For Earthing	Cl.27 of IS 302-2-4: 1993/IEC 60335-2-4: 2023
101.		Screws And Connections	Cl.28 of IS 302-2-4: 1993/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		
102.		Creepage distances, Clearances and distances through insulation	Cl.29 of IS 302-2-4: 1993/IEC 60335-2-4: 2023
103.		Resistance to Heat, Fire and Tracking	Cl.30 of IS 302-2-4: 1993/IEC 60335-2-4: 2023
104.		Resistance to Rusting	Cl.31 of IS 302-2-4: 1993/IEC 60335-2-4: 2023
105.	Cooking Ranges, Hobs, Ovens and Similar Appliances	General requirements	Cl.4 of IS 302-2-6: 2009/IEC 60335-2-6: 2024
106.		General conditions for tests	Cl.5 of IS 302-2-6: 2009/IEC 60335-2-6: 2024
107.		Classification	Cl.6 of IS 302-2-6: 2009/IEC 60335-2-6: 2024
108.		Marking and Instructions	Cl.7 of IS 302-2-6: 2009/IEC 60335-2-6: 2024
109.	Cooking Ranges, Hobs, Ovens and Similar Appliances	Protection Against Access to Live Parts	Cl.8 of IS 302-2-6: 2009/IEC 60335-2-6: 2024
110.		Power Input and Current	Cl.10 of IS 302-2-6: 2009/IEC 60335-2-6: 2024

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Domestic Electrical Appliances		
111.		Heating	Cl.11 of IS 302-2-6: 2009/IEC 60335-2-6: 2024
112.		Leakage Current and Electric Strength at Operating Temperature	Cl.13 of IS 302-2-6: 2009/IEC 60335-2-6: 2024
113.		Transient Overvoltage	Cl.14 of IS 302-2-6: 2009/IEC 60335-2-6: 2024
114.		Moisture Resistance	Cl.15 of IS 302-2-6: 2009/IEC 60335-2-6: 2024
115.		Leakage Current and Electric Strength	Cl.16 of IS 302-2-6: 2009/IEC 60335-2-6: 2024
116.		Overload Protection of Transformers and Associated Circuits	Cl.17 of IS 302-2-6: 2009/IEC 60335-2-6: 2024
117.	Cooking Ranges, Hobs, Ovens and Similar Appliances	Abnormal Operation	Cl.19 of IS 302-2-6: 2009/IEC 60335-2-6: 2024
118.		Stability and Mechanical hazards	Cl.20 of IS 302-2-6: 2009/IEC 60335-2-6: 2024
119.		Mechanical Strength	Cl.21 of IS 302-2-6: 2009/IEC 60335-2-6: 2024
120.		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		
121.		Internal Wiring	Cl.23 of IS 302-2-6: 2009/IEC 60335-2-6: 2024
122.		Components	Cl.24 of IS 302-2-6: 2009/IEC 60335-2-6: 2024
123.		Supply Connection and External Flexible Cords	Cl.25 of IS 302-2-6: 2009/IEC 60335-2-6: 2024
124.		Terminal for External Conductors	Cl.26 of IS 302-2-6: 2009/IEC 60335-2-6: 2024
125.		Provision for Earthing	Cl.27 of IS 302-2-6: 2009/IEC 60335-2-6: 2024
126.	Cooking Ranges, Hobs, Ovens and Similar Appliances	Screws and Connections	Cl.28 of IS 302-2-6: 2009/IEC 60335-2-6: 2024
127.		Clearances, Creepage Distances and Solid Insulation	Cl.29 of IS 302-2-6: 2009/IEC 60335-2-6: 2024
128.		Resistance to heat and fire	Cl.30 of IS 302-2-6: 2009/IEC 60335-2-6: 2024
129.		Resistance to rusting	Cl.31 of IS 302-2-6: 2009/IEC 60335-2-6: 2024
130.	Domestic Electric Clothes Washing Machines	General requirement	Cl.4 of IS 302-2-7: 2024/IEC 60335-2-7: 2024

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Electrical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Domestic Electrical Appliances		
131.		General conditions for tests	Cl.5 of IS 302-2-7: 2024/IEC 60335-2-7: 2024
132.		Classification	Cl.6 of IS 302-2-7: 2024/IEC 60335-2-7: 2024
133.		Marking and Instructions	Cl.7 of IS 302-2-7: 2024/IEC 60335-2-7: 2024
134.		Protection Against Access to Live Parts	Cl.8 of IS 302-2-7: 2024/IEC 60335-2-7: 2024
135.	Domestic Electric Clothes Washing Machines	Starting of Motor Operated Appliances	Cl.9 of IS 302-2-7: 2024/IEC 60335-2-7: 2024
136.		Power Input and Current	Cl.10 of IS 302-2-7: 2024/IEC 60335-2-7: 2024
137.		Heating	Cl.11 of IS 302-2-7: 2024/IEC 60335-2-7: 2024
138.		Leakage Current and electric strength at Operating Temperature	Cl.13 of IS 302-2-7: 2024/IEC 60335-2-7: 2024
139.		Transient Overvoltages	Cl.14 of IS 302-2-7: 2024/IEC 60335-2-7: 2024
140.		Moisture Resistance	Cl.15 of IS 302-2-7: 2024/IEC 60335-2-7: 2024

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Electrical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Domestic Electrical Appliances		
141.		Leakage current and electric strength	Cl.16 of IS 302-2-7: 2024/IEC 60335-2-7: 2024
142.		Overload Protection of Transformers and Associated Circuits	Cl.17 of IS 302-2-7: 2024/IEC 60335-2-7: 2024
143.	Domestic Electric Clothes Washing Machines	Endurance	Cl.18 of IS 302-2-7: 2024/IEC 60335-2-7: 2024
144.		Abnormal Operation	Cl.19 of IS 302-2-7: 2024/IEC 60335-2-7: 2024
145.		Stability and Mechanical hazards	Cl.20 of IS 302-2-7: 2024/IEC 60335-2-7: 2024
146.		Mechanical Strength	Cl.21 of IS 302-2-7: 2024/IEC 60335-2-7: 2024
147.		Construction	Cl.22 of IS 302-2-7: 2024/IEC 60335-2-7: 2024
148.		Internal Wiring	Cl.23 of IS 302-2-7: 2024/IEC 60335-2-7: 2024
149.		Components	Cl.24 of IS 302-2-7: 2024/IEC 60335-2-7: 2024
150.		Supply Connection and External Flexible Cables and Cords	Cl.25 of IS 302-2-7: 2024/IEC 60335-2-7: 2024

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	Domestic Electrical Appliances		
151.		Terminal for External Conductors	Cl.26 of IS 302-2-7: 2024/IEC 60335-2-7: 2024
152.	Domestic Electric Clothes Washing Machines	Provision for Earthing	Cl.27 of IS 302-2-7: 2024/IEC 60335-2-7: 2024
153.		Screws and Connections	Cl.28 of IS 302-2-7: 2024/IEC 60335-2-7: 2024
154.		Clearances, Creepage Distances and Solid Insulation	Cl.29 of IS 302-2-7: 2024/IEC 60335-2-7: 2024
155.		Resistance to heat and fire	Cl.30 of IS 302-2-7: 2024/IEC 60335-2-7: 2024
156.		Resistance to rusting	Cl.31 of IS 302-2-7: 2024/IEC 60335-2-7: 2024
157.	Electrical Shavers Hair, Clippers and Similar Appliances	General requirement	Cl.4 of IS 302 Part 2 Sec 8: 2024/IEC 60335-2-8: 2022
158.		Rating	Cl.5 of IS 302 Part 2 Sec 8: 2024/IEC 60335-2-8: 2022
159.		Classification	Cl.6 of IS 302 Part 2 Sec 8: 2024/IEC 60335-2-8: 2022
160.		Marking	Cl.7 of IS 302 Part 2 Sec 8: 2024/IEC 60335-2-8: 2022

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Electrical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Domestic Electrical Appliances		
161.	Electrical Shavers Hair, Clippers and Similar Appliances	Protection against electric shock	Cl.8 of IS 302 Part 2 Sec 8: 2024/IEC 60335-2-8: 2022
162.		Temperature Rise	Cl.11 of IS 302 Part 2 Sec 8: 2024/IEC 60335-2-8: 2022
163.		Operation Under Overload Conditions of Appliances with Heating Elements	Cl.12 of IS 302 Part 2 Sec 8: 2024/IEC 60335-2-8: 2022
164.		Electricals Insulation and Leakage Current at operating temperature	Cl.13 of IS 302 Part 2 Sec 8: 2024/IEC 60335-2-8: 2022
165.		Moisture Resistance	Cl.15 of IS 302 Part 2 Sec 8: 2024/IEC 60335-2-8: 2022
166.		Insulation Resistance and Electric Strength (after humidity treatment)	Cl.16 of IS 302 Part 2 Sec 8: 2024/IEC 60335-2-8: 2022
167.		Overload protection	Cl.17 of IS 302 Part 2 Sec 8: 2024/IEC 60335-2-8: 2022
168.	Electrical Shavers Hair, Clippers and Similar Appliances	Abnormal Operation	Cl.19 of IS 302 Part 2 Sec 8: 2024/IEC 60335-2-8: 2022
169.		Stability and Mechanical Hazards	Cl.20 of IS 302 Part 2 Sec 8: 2024/IEC 60335-2-8: 2022

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Electrical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Domestic Electrical Appliances		
170.		Mechanical Strength	Cl.21 of IS 302 Part 2 Sec 8: 2024/IEC 60335-2-8: 2022
171.		Construction	Cl.22 of IS 302 Part 2 Sec 8: 2024/IEC 60335-2-8: 2022
172.		Internal wiring	Cl.23 of IS 302 Part 2 Sec 8: 2024/IEC 60335-2-8: 2022
173.		Components	Cl.24 of IS 302 Part 2 Sec 8: 2024/IEC 60335-2-8: 2022
174.		Supply Connection and External Flexible Cables and Cords	Cl.25 of IS 302 Part 2 Sec 8: 2024/IEC 60335-2-8: 2022
175.		Terminals For External Conductor	Cl.26 of IS 302 Part 2 Sec 8: 2024/IEC 60335-2-8: 2022
176.		Provision For Earthing	Cl.27 of IS 302 Part 2 Sec 8: 2024/IEC 60335-2-8: 2022
177.	Electrical Shavers Hair, Clippers and Similar Appliances	Screws And Connections	Cl.28 of IS 302 Part 2 Sec 8: 2024/IEC 60335-2-8: 2022
178.		Creepage distances and Clearances	Cl.29 of IS 302 Part 2 Sec 8: 2024/IEC 60335-2-8: 2022
179.		Resistance to Heat, Fire and tracking	Cl.30 of IS 302 Part 2 Sec 8: 2024/IEC 60335-2-8: 2022

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Electrical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Domestic Electrical Appliances		
180.		Resistance to Rusting	Cl.31 of IS 302 Part 2 Sec 8: 2024/IEC 60335-2-8: 2022
181.	Toasters, Grills, Roasters and similar appliances	General requirements	Cl.4 of IS 302-2-9: 2009/IEC 60335-2-9: 2019
182.	Toasters, Grills, Roasters and similar appliances	General conditions for tests	Cl.5 of IS 302-2-9: 2009/IEC 60335-2-9: 2019
183.		Classification	Cl.6 of IS 302-2-9: 2009/IEC 60335-2-9: 2019
184.		Marking and Instructions	Cl.7 of IS 302-2-9: 2009/IEC 60335-2-9: 2019
185.		Protection Against Access to Live Parts	Cl.8 of IS 302-2-9: 2009/IEC 60335-2-9: 2019
186.	Toasters, Grills, Roasters and similar appliances	Power Input and Current	Cl.10 of IS 302-2-9: 2009/IEC 60335-2-9: 2019
187.		Heating	Cl.11 of IS 302-2-9: 2009/IEC 60335-2-9: 2019
188.		Leakage Current and Electric Strength at Operating Temperature	Cl.13 of IS 302-2-9: 2009/IEC 60335-2-9: 2019
189.		Transient Overvoltages	Cl.14 of IS 302-2-9: 2009/IEC 60335-2-9: 2019

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Electrical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Domestic Electrical Appliances		
190.		Moisture Resistance	Cl.15 of IS 302-2-9: 2009/IEC 60335-2-9: 2019
191.		Leakage Current and Electric Strength	Cl.16 of IS 302-2-9: 2009/IEC 60335-2-9: 2019
192.		Overload Protection of Transformers and Associated Circuits	Cl.17 of IS 302-2-9: 2009/IEC 60335-2-9: 2019
193.		Abnormal Operation	Cl.19 of IS 302-2-9: 2009/IEC 60335-2-9: 2019
194.	Toasters, Grills, Roasters and similar appliances	Stability and Mechanical hazards	Cl.20 of IS 302-2-9: 2009/IEC 60335-2-9: 2019
195.		Mechanical Strength	Cl.21 of IS 302-2-9: 2009/IEC 60335-2-9: 2019
196.		Construction	Cl.22 of IS 302-2-9: 2009/IEC 60335-2-9: 2019
197.		Internal Wiring	Cl.23 of IS 302-2-9: 2009/IEC 60335-2-9: 2019
198.		Components	Cl.24 of IS 302-2-9: 2009/IEC 60335-2-9: 2019
199.		Supply Connection and External Flexible Cords	Cl.25 of IS 302-2-9: 2009/IEC 60335-2-9: 2019

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Domestic Electrical Appliances		
200.		Terminal for External Conductors	Cl.26 of IS 302-2-9: 2009/IEC 60335-2-9: 2019
201.		Provision for Earthing	Cl.27 of IS 302-2-9: 2009/IEC 60335-2-9: 2019
202.		Screws and Connections	Cl.28 of IS 302-2-9: 2009/IEC 60335-2-9: 2019
203.	Toasters, Grills, Roasters and similar appliances	Clearances, Creepage Distances and Solid Insulation	Cl.29 of IS 302-2-9: 2009/IEC 60335-2-9: 2019
204.		Resistance to heat and fire	Cl.30 of IS 302-2-9: 2009/IEC 60335-2-9: 2019
205.		Resistance to rusting	Cl.31 of IS 302-2-9: 2009/IEC 60335-2-9: 2019
206.	Tumbler Dryers	Rating	Cl.5 of IS 302-2-11:1994/IEC 60335-2-11: 2024/BS EN 60335-2-11: 2019
207.		Classification	Cl.6 of IS 302-2-11:1994/IEC 60335-2-11: 2024/BS EN 60335-2-11: 2019
208.		Marking	Cl.7 of IS 302-2-11:1994/IEC 60335-2-11: 2024/BS EN 60335-2-11: 2019

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Electrical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Domestic Electrical Appliances		
209.		Protection against electric shock	Cl.8 of IS 302-2-11:1994/IEC 60335-2-11: 2024/BS EN 60335-2-11: 2019
210.	Tumbler Dryers	Starting of Motor Operated Appliances	Cl.9 of IS 302-2-11:1994/IEC 60335-2-11: 2024/BS EN 60335-2-11: 2019
211.		Input and Current	Cl.10 of IS 302-2-11:1994/IEC 60335-2-11: 2024/BS EN 60335-2-11: 2019
212.		Temperature Rise	Cl.11 of IS 302-2-11:1994/IEC 60335-2-11: 2024/BS EN 60335-2-11: 2019
213.		Operation under overload conditions	Cl.12 of IS 302-2-11:1994/IEC 60335-2-11: 2024/BS EN 60335-2-11: 2019
214.		Electricals Insulation and Leakage Current at operating temperature	Cl.13 of IS 302-2-11:1994/IEC 60335-2-11: 2024/BS EN 60335-2-11: 2019
215.		Radio and television interference suppression	Cl.14 of IS 302-2-11:1994/IEC 60335-2-11: 2024/BS EN 60335-2-11: 2019

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Electrical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Domestic Electrical Appliances		
216.	Tumbler Dryers	Moisture Resistance	Cl.15of IS 302-2-11:1994/IEC 60335-2-11: 2024/BS EN 60335-2-11: 2019
217.		Insulation Resistance and Electric Strength (after humidity treatment)	Cl.16 of IS 302-2-11:1994/IEC 60335-2-11: 2024/BS EN 60335-2-11: 2019
218.		Overload protection	Cl.17 of IS 302-2-11:1994/IEC 60335-2-11: 2024/BS EN 60335-2-11: 2019
219.		Abnormal Operation	Cl.19 of IS 302-2-11:1994/IEC 60335-2-11: 2024/BS EN 60335-2-11: 2019
220.		Stability and Mechanical Hazards	Cl.20 of IS 302-2-11:1994/IEC 60335-2-11: 2024/BS EN 60335-2-11: 2019
221.		Mechanical Strength	Cl.21of IS 302-2-11:1994/IEC 60335-2-11: 2024/BS EN 60335-2-11: 2019
222.		Construction	Cl.22 of IS 302-2-11:1994/IEC 60335-2-11: 2024/BS EN 60335-2-11: 2019

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Domestic Electrical Appliances		
223.		Internal wiring	Cl.23 of IS 302-2-11:1994/IEC 60335-2-11: 2024/BS EN 60335-2-11: 2019
224.		Components	Cl.24 of IS 302-2-11:1994/IEC 60335-2-11: 2024/BS EN 60335-2-11: 2019
225.		Supply Connection and External Flexible Cords	Cl.25of IS 302-2-11:1994/IEC 60335-2-11: 2024/BS EN 60335-2-11: 2019
226.		Terminals For External Conductor	Cl.26 of IS 302-2-11:1994/IEC 60335-2-11: 2024/BS EN 60335-2-11: 2019
227.		Provision For Earthing	Cl.27 of IS 302-2-11:1994/IEC 60335-2-11: 2024/BS EN 60335-2-11: 2019
228.	Tumbler Dryers	Screws And Connection	Cl.28 of IS 302-2-11:1994/IEC 60335-2-11: 2024/BS EN 60335-2-11: 2019
229.		Creepage distances and Clearances	Cl.29 of IS 302-2-11:1994/IEC 60335-2-11: 2024/BS EN 60335-2-11: 2019

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Electrical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Domestic Electrical Appliances		
230.		Resistance to Heat, Fire and tracking	Cl.30 of IS 302-2-11:1994/IEC 60335-2-11: 2024/BS EN 60335-2-11: 2019
231.		Resistance to Rusting	Cl.31 of IS 302-2-11:1994/IEC 60335-2-11: 2024/BS EN 60335-2-11: 2019
232.	Warming plates and similar appliances	Rating	Cl.5 of IS 302-2-12:1993/IEC 60335-2-12: 2002/BS EN 60335-2-12: 2002
233.		Classification	Cl.6 of IS 302-2-12:1993/IEC 60335-2-12: 2002/BS EN 60335-2-12: 2002
234.		Marking	Cl.7 of IS 302-2-12:1993/IEC 60335-2-12: 2002/BS EN 60335-2-12: 2002
235.		Protection against electric shock	Cl.8 of IS 302-2-12:1993/IEC 60335-2-12: 2002/BS EN 60335-2-12: 2002
236.		Input and Current	Cl.10 of IS 302-2-12:1993/IEC 60335-2-12: 2002/BS EN 60335-2-12: 2002

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Electrical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Domestic Electrical Appliances		
237.		Temperature Rise	Cl.11 of IS 302-2-12:1993/IEC 60335-2-12: 2002/BS EN 60335-2-12: 2002
238.		Operation under overload conditions	Cl.12 of IS 302-2-12:1993/IEC 60335-2-12: 2002/BS EN 60335-2-12: 2002
239.		Electricals Insulation and Leakage Current at operating temperature	Cl.13 of IS 302-2-12:1993/IEC 60335-2-12: 2002/BS EN 60335-2-12: 2002
240.	Warming plates and similar appliances	Radio and television interference suppression	Cl.14 of IS 302-2-12:1993/IEC 60335-2-12: 2002/BS EN 60335-2-12: 2002
241.		Moisture Resistance	Cl.15 of IS 302-2-12:1993/IEC 60335-2-12: 2002/BS EN 60335-2-12: 2002
242.		Insulation Resistance and Electric Strength (after humidity treatment)	Cl.16 of IS 302-2-12:1993/IEC 60335-2-12: 2002/BS EN 60335-2-12: 2002
243.		Overload protection	Cl.17 of IS 302-2-12:1993/IEC 60335-2-12: 2002/BS EN 60335-2-12: 2002

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Electrical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Domestic Electrical Appliances		
244.		Endurance	Cl.18 of IS 302-2-12:1993/IEC 60335-2-12: 2002/BS EN 60335-2-12: 2002
245.		Abnormal Operation	Cl.19 of IS 302-2-12:1993/IEC 60335-2-12: 2002/BS EN 60335-2-12: 2002
246.	Warming plates and similar appliances	Stability and Mechanical Hazards	Cl.20 of IS 302-2-12:1993/IEC 60335-2-12: 2002/BS EN 60335-2-12: 2002
247.		Mechanical Strength	Cl.21 of IS 302-2-12:1993/IEC 60335-2-12: 2002/BS EN 60335-2-12: 2002
248.		Construction	Cl.22 of IS 302-2-12:1993/IEC 60335-2-12: 2002/BS EN 60335-2-12: 2002
249.		Internal wiring	Cl.23 of IS 302-2-12:1993/IEC 60335-2-12: 2002/BS EN 60335-2-12: 2002
250.		Components	Cl.24 of IS 302-2-12:1993/IEC 60335-2-12: 2002/BS EN 60335-2-12: 2002

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Electrical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Domestic Electrical Appliances		
251.		Supply Connection and External Flexible Cords	Cl.25 of IS 302-2-12:1993/IEC 60335-2-12: 2002/BS EN 60335-2-12: 2002
252.	Warming plates and similar appliances	Terminals For External Conductor	Cl.26 of IS 302-2-12:1993/IEC 60335-2-12: 2002/BS EN 60335-2-12: 2002
253.		Provision For Earthing	Cl.27 of IS 302-2-12:1993/IEC 60335-2-12: 2002/BS EN 60335-2-12: 2002
254.		Screws And Connection	Cl.28 of IS 302-2-12:1993/IEC 60335-2-12: 2002/BS EN 60335-2-12: 2002
255.		Creepage distances and Clearances	Cl.29 of IS 302-2-12:1993/IEC 60335-2-12: 2002/BS EN 60335-2-12: 2002
256.		Resistance to Heat, Fire and tracking	Cl.30 of IS 302-2-12:1993/IEC 60335-2-12: 2002/BS EN 60335-2-12: 2002
257.		Resistance to Rusting	Cl.31 of IS 302-2-12:1993/IEC 60335-2-12: 2002/BS EN 60335-2-12: 2002

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Electrical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Domestic Electrical Appliances		
258.	Frying Pans, Deep Fat Fryers and similar appliances	General Conditions for the Tests	Cl.5 of IS 302-2-13:2024/IEC 60335-2-13: 2021/BS EN 60335-2-13: 2021
259.		Classification	Cl.6 of IS 302-2-13:2024/IEC 60335-2-13: 2021/BS EN 60335-2-13: 2021
260.		Marking and Instructions	Cl.7 of IS 302-2-13:2024/IEC 60335-2-13: 2021/BS EN 60335-2-13: 2021
261.		Protection Against Access to Live Parts	Cl.8 of IS 302-2-13:2024/IEC 60335-2-13: 2021/BS EN 60335-2-13: 2021
262.		Starting Of Motor Operated Appliances	Cl.9 of IS 302-2-13:2024/IEC 60335-2-13: 2021/BS EN 60335-2-13: 2021
263.		Power Input and Current	Cl.10 of IS 302-2-13:2024/IEC 60335-2-13: 2021/BS EN 60335-2-13: 2021
264.	Frying Pans, Deep Fat Fryers and similar appliances	Heating	Cl.11 of IS 302-2-13:2024/IEC 60335-2-13: 2021/BS EN 60335-2-13: 2021

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Electrical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Domestic Electrical Appliances		
265.		Operation Under Overload Conditions of Appliances with Heating Elements	Cl.12 of IS 302-2-13:2024/IEC 60335-2-13: 2021/BS EN 60335-2-13: 2021
266.		Leakage Current and Electric Strength at Operating Temperature	Cl.13 of IS 302-2-13:2024/IEC 60335-2-13: 2021/BS EN 60335-2-13: 2021
267.		Transient Overvoltages	Cl.14 of IS 302-2-13:2024/IEC 60335-2-13: 2021/BS EN 60335-2-13: 2021
268.		Moisture Resistance	Cl.15 of IS 302-2-13:2024/IEC 60335-2-13: 2021/BS EN 60335-2-13: 2021
269.		Leakage Current and Electric Strength	Cl.16 of IS 302-2-13:2024/IEC 60335-2-13: 2021/BS EN 60335-2-13: 2021
270.	Frying Pans, Deep Fat Fryers and similar appliances	Overload Protection of Transformers and Associated Circuits	Cl.17 of IS 302-2-13:2024/IEC 60335-2-13: 2021/BS EN 60335-2-13: 2021
271.		Endurance	Cl.18 of IS 302-2-13:2024/IEC 60335-2-13: 2021/BS EN 60335-2-13: 2021

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Electrical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Domestic Electrical Appliances		
272.		Abnormal operation	Cl.19 of IS 302-2-13:2024/IEC 60335-2-13: 2021/BS EN 60335-2-13: 2021
273.		Stability and mechanical hazards	Cl.20 of IS 302-2-13:2024/IEC 60335-2-13: 2021/BS EN 60335-2-13: 2021
274.		Mechanical Strength	Cl.21 of IS 302-2-13:2024/IEC 60335-2-13: 2021/BS EN 60335-2-13: 2021
275.		Construction	Cl.22 of IS 302-2-13:2024/IEC 60335-2-13: 2021/BS EN 60335-2-13: 2021
276.	Frying Pans, Deep Fat Fryers and similar appliances	Internal Wiring	Cl.23 of IS 302-2-13:2024/IEC 60335-2-13: 2021/BS EN 60335-2-13: 2021
277.		Components	Cl.24 of IS 302-2-13:2024/IEC 60335-2-13: 2021/BS EN 60335-2-13: 2021
278.		Supply Connection and External Flexible Cords	Cl.25 of IS 302-2-13:2024/IEC 60335-2-13: 2021/BS EN 60335-2-13: 2021

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	Domestic Electrical Appliances		
279.		Terminals for External Conductors	Cl.26 of IS 302-2-13:2024/IEC 60335-2-13: 2021/BS EN 60335-2-13: 2021
280.		Provision for Earthing	Cl.27 of IS 302-2-13:2024/IEC 60335-2-13: 2021/BS EN 60335-2-13: 2021
281.		Screw and Connections	Cl.28 of IS 302-2-13:2024/IEC 60335-2-13: 2021/BS EN 60335-2-13: 2021
282.	Frying Pans, Deep Fat Fryers and similar appliances	Clearances, Creepage Distances and Solid Insulation	Cl.29 of IS 302-2-13:2024/IEC 60335-2-13: 2021/BS EN 60335-2-13: 2021
283.		Resistance To Heat and Fire	Cl.30 of IS 302-2-13:2024/IEC 60335-2-13: 2021/BS EN 60335-2-13: 2021
284.		Resistance to rusting	Cl.31 of IS 302-2-13:2024/IEC 60335-2-13: 2021/BS EN 60335-2-13: 2021
285.	Electric kitchen machines	General requirements	Cl.4 of IS 302-2-14: 2009/IEC 60335-2-14: 2016
286.		General conditions for tests	Cl.5 of IS 302-2-14: 2009/IEC 60335-2-14: 2016

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Electrical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Domestic Electrical Appliances		
287.		Classification	Cl.6 of IS 302-2-14: 2009/IEC 60335-2-14: 2016
288.		Marking and Instructions	Cl.7 of IS 302-2-14: 2009/IEC 60335-2-14: 2016
289.	Electric kitchen machines	Protection Against Access to Live Parts	Cl.8 of IS 302-2-14: 2009/IEC 60335-2-14: 2016
290.		Power Input and Current	Cl.10 of IS 302-2-14: 2009/IEC 60335-2-14: 2016
291.		Heating	Cl.11 of IS 302-2-14: 2009/IEC 60335-2-14: 2016
292.		Leakage Current and Electric Strength at Operating Temperature	Cl.13 of IS 302-2-14: 2009/IEC 60335-2-14: 2016
293.		Transient Overvoltages	Cl.14 of IS 302-2-14: 2009/IEC 60335-2-14: 2016
294.		Moisture Resistance	Cl.15 of IS 302-2-14: 2009/IEC 60335-2-14: 2016
295.		Leakage Current and Electric Strength	Cl.16 of IS 302-2-14: 2009/IEC 60335-2-14: 2016
296.		Overload Protection of Transformers and Associated Circuits	Cl.17 of IS 302-2-14: 2009/IEC 60335-2-14: 2016

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Electrical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Domestic Electrical Appliances		
297.	Electric kitchen machines	Abnormal Operation	Cl.19 of IS 302-2-14: 2009/IEC 60335-2-14: 2016
298.		Stability and Mechanical hazards	Cl.20 of IS 302-2-14: 2009/IEC 60335-2-14: 2016
299.		Mechanical Strength	Cl.21 of IS 302-2-14: 2009/IEC 60335-2-14: 2016
300.		Construction	Cl.22 of IS 302-2-14: 2009/IEC 60335-2-14: 2016
301.		Internal Wiring	Cl.23 of IS 302-2-14: 2009/IEC 60335-2-14: 2016
302.		Components	Cl.24 of IS 302-2-14: 2009/IEC 60335-2-14: 2016
303.		Supply Connection and External Flexible Cords	Cl.25 of IS 302-2-14: 2009/IEC 60335-2-14: 2016
304.		Terminal for External Conductors	Cl.26 of IS 302-2-14: 2009/IEC 60335-2-14: 2016
305.		Provision for Earthing	Cl.27 of IS 302-2-14: 2009/IEC 60335-2-14: 2016
306.	Electric kitchen machines	Screws and Connections	Cl.28 of IS 302-2-14: 2009/IEC 60335-2-14: 2016

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Electrical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Domestic Electrical Appliances		
307.		Clearances, Creepage Distances and Solid Insulation	Cl.29 of IS 302-2-14: 2009/IEC 60335-2-14: 2016
308.		Resistance to heat and fire	Cl.30 of IS 302-2-14: 2009/IEC 60335-2-14: 2016
309.		Resistance to rusting	Cl.31 of IS 302-2-14: 2009/IEC 60335-2-14: 2016
310.	Appliances for heating liquids	General requirements	Cl.4 of IS 302-2-15: 2009/IEC 60335-2-15: 2012
311.		General conditions for tests	Cl.5 of IS 302-2-15: 2009/IEC 60335-2-15: 2012
312.		Classification	Cl.6 of IS 302-2-15: 2009/IEC 60335-2-15: 2012
313.		Marking and Instructions	Cl.7 of IS 302-2-15: 2009/IEC 60335-2-15: 2012
314.		Protection Against Access to Live Parts	Cl.8 of IS 302-2-15: 2009/IEC 60335-2-15: 2012
315.	Appliances for heating liquids	Power Input and Current	Cl.10 of IS 302-2-15: 2009/IEC 60335-2-15: 2012
316.		Heating	Cl.11 of IS 302-2-15: 2009/IEC 60335-2-15: 2012

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Electrical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Domestic Electrical Appliances		
317.		Leakage Current and Electric Strength at Operating Temperature	Cl.13 of IS 302-2-15: 2009/IEC 60335-2-15: 2012
318.		Transient Overvoltages	Cl.14 of IS 302-2-15: 2009/IEC 60335-2-15: 2012
319.		Moisture Resistance	Cl.15 of IS 302-2-15: 2009/IEC 60335-2-15: 2012
320.		Leakage Current and Electric Strength	Cl.16 of IS 302-2-15: 2009/IEC 60335-2-15: 2012
321.		Overload Protection of Transformers and Associated Circuits	Cl.17 of IS 302-2-15: 2009/IEC 60335-2-15: 2012
322.		Abnormal Operation	Cl.19 of IS 302-2-15: 2009/IEC 60335-2-15: 2012
323.	Appliances for heating liquids	Stability and Mechanical hazards	Cl.20 of IS 302-2-15: 2009/IEC 60335-2-15: 2012
324.		Mechanical Strength	Cl.21 of IS 302-2-15: 2009/IEC 60335-2-15: 2012
325.		Construction	Cl.22 of IS 302-2-15: 2009/IEC 60335-2-15: 2012
326.		Internal Wiring	Cl.23 of IS 302-2-15: 2009/IEC 60335-2-15: 2012

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Domestic Electrical Appliances		
327.		Components	Cl.24 of IS 302-2-15: 2009/IEC 60335-2-15: 2012
328.		Supply Connection and External Flexible Cords	Cl.25 of IS 302-2-15: 2009/IEC 60335-2-15: 2012
329.		Terminal for External Conductors	Cl.26 of IS 302-2-15: 2009/IEC 60335-2-15: 2012
330.		Provision for Earthing	Cl.27 of IS 302-2-15: 2009/IEC 60335-2-15: 2012
331.		Screws and Connections	Cl.28 of IS 302-2-15: 2009/IEC 60335-2-15: 2012
332.	Appliances for heating liquids	Clearances, Creepage Distances and Solid Insulation	Cl.29 of IS 302-2-15: 2009/IEC 60335-2-15: 2012
333.		Resistance to heat and fire	Cl.30 of IS 302-2-15: 2009/IEC 60335-2-15: 2012
334.		Resistance to rusting	Cl.31 of IS 302-2-15: 2009/IEC 60335-2-15: 2012
335.	Closed / Open-Outlet/ Cistern-fed/ Cistern-type/Low-pressure/ Heat Exchange Electric Water Heater	General requirement	Cl.4 of IS 302 Part 2 Sec 21: 2024 /IEC 60335-2-21: 2022/BS EN 60335-2-21:2021
336.		General conditions for tests	Cl.5 of IS 302 Part 2 Sec 21: 2024 /IEC 60335-2-21: 2022/BS EN 60335-2-21:2021

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Electrical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Domestic Electrical Appliances		
337.	Closed / Open-Outlet/ Cistern-fed/ Cistern-type/Low-pressure/ Heat Exchange Electric Water Heater	Classification	Cl.6 of IS 302 Part 2 Sec 21: 2024 /IEC 60335-2-21: 2022/BS EN 60335-2-21:2021
338.		Marking and Instructions	Cl.7 of IS 302 Part 2 Sec 21: 2024 /IEC 60335-2-21: 2022/BS EN 60335-2-21:2021
339.		Protection Against Access to Live Parts	Cl.8 of IS 302 Part 2 Sec 21: 2024 /IEC 60335-2-21: 2022/BS EN 60335-2-21:2021
340.		Power Input and Current	Cl.10 of IS 302 Part 2 Sec 21: 2024 /IEC 60335-2-21: 2022/BS EN 60335-2-21:2021
341.		Heating	Cl.11 of IS 302 Part 2 Sec 21: 2024 /IEC 60335-2-21: 2022/BS EN 60335-2-21:2021
342.		Charging of metal-ion batteries	Cl.12 of IS 302 Part 2 Sec 21: 2024 /IEC 60335-2-21: 2022/BS EN 60335-2-21:2021
343.		Leakage Current and electric strength at Operating Temperature	Cl.13 of IS 302 Part 2 Sec 21: 2024 /IEC 60335-2-21: 2022/BS EN 60335-2-21:2021

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Electrical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Domestic Electrical Appliances		
344.		Transient Overvoltages	Cl.14 of IS 302 Part 2 Sec 21: 2024 /IEC 60335-2-21: 2022/BS EN 60335-2-21:2021
345.	Closed / Open-Outlet/ Cistern-fed/ Cistern-type/Low-pressure/ Heat Exchange Electric Water Heater	Moisture Resistance	Cl.15 of IS 302 Part 2 Sec 21: 2024 /IEC 60335-2-21: 2022/BS EN 60335-2-21:2021
346.		leakage current and electric strength	Cl.16 of IS 302 Part 2 Sec 21: 2024 /IEC 60335-2-21: 2022/BS EN 60335-2-21:2021
347.		Overload Protection of Transformers and Associated Circuits	Cl.17 of IS 302 Part 2 Sec 21: 2024 /IEC 60335-2-21: 2022/BS EN 60335-2-21:2021
348.		Abnormal Operation	Cl.19 of IS 302 Part 2 Sec 21: 2024 /IEC 60335-2-21: 2022/BS EN 60335-2-21:2021
349.		Stability and Mechanical hazards	Cl.20 of IS 302 Part 2 Sec 21: 2024 /IEC 60335-2-21: 2022/BS EN 60335-2-21:2021
350.		Mechanical Strength	Cl.21 of IS 302 Part 2 Sec 21: 2024 /IEC 60335-2-21: 2022/BS EN 60335-2-21:2021

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Electrical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Domestic Electrical Appliances		
351.	Closed / Open-Outlet/ Cistern-fed/ Cistern-type/Low-pressure/ Heat Exchange Electric Water Heater	Construction	Cl.22 of IS 302 Part 2 Sec 21: 2024 /IEC 60335-2-21: 2022/BS EN 60335-2-21:2021
352.		Internal Wiring	Cl.23 of IS 302 Part 2 Sec 21: 2024 /IEC 60335-2-21: 2022/BS EN 60335-2-21:2021
353.		Components	Cl.24 of IS 302 Part 2 Sec 21: 2024 /IEC 60335-2-21: 2022/BS EN 60335-2-21:2021
354.		Supply connection and external flexible cords	Cl.25 of IS 302 Part 2 Sec 21: 2024 /IEC 60335-2-21: 2022/BS EN 60335-2-21:2021
355.		Terminal for External Conductors	Cl.26 of IS 302 Part 2 Sec 21: 2024 /IEC 60335-2-21: 2022/BS EN 60335-2-21:2021
356.		Provision for Earthing	Cl.27 of IS 302 Part 2 Sec 21: 2024 /IEC 60335-2-21: 2022/BS EN 60335-2-21:2021
357.	Closed / Open-Outlet/ Cistern-fed/ Cistern-type/Low-pressure/	Screws and Connections	Cl.28 of IS 302 Part 2 Sec 21: 2024 /IEC 60335-2-21: 2022/BS EN 60335-2-21:2021

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Electrical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Domestic Electrical Appliances		
358.	Heat Exchange Electric Water Heater	Clearances, Creepage Distances and Solid Insulation	Cl.29 of IS 302 Part 2 Sec 21: 2024 /IEC 60335-2-21: 2022/BS EN 60335-2-21:2021
359.		Resistance to heat and fire	Cl.30 of IS 302 Part 2 Sec 21: 2024 /IEC 60335-2-21: 2022/BS EN 60335-2-21:2021
360.		Resistance to rusting	Cl.31 of IS 302 Part 2 Sec 21: 2024 /IEC 60335-2-21: 2022/BS EN 60335-2-21:2021
361.	Appliances for skin or hair care	General requirements	Cl.4 of IS 302-2-23: 2009/IEC 60335-2-23: 2025
362.		General conditions for tests	Cl.5 of IS 302-2-23: 2009/IEC 60335-2-23: 2025
363.		Classification	Cl.6 of IS 302-2-23: 2009/IEC 60335-2-23: 2025
364.		Marking and Instructions	Cl.7 of IS 302-2-23: 2009/IEC 60335-2-23: 2025
365.		Protection Against Access to Live Parts	Cl.8 of IS 302-2-23: 2009/IEC 60335-2-23: 2025
366.		Power Input and Current	Cl.10 of IS 302-2-23: 2009/IEC 60335-2-23: 2025

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Electrical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Domestic Electrical Appliances		
367.		Heating	Cl.11 of IS 302-2-23: 2009/IEC 60335-2-23: 2025
368.		Leakage Current and Electric Strength at Operating Temperature	Cl.13 of IS 302-2-23: 2009/IEC 60335-2-23: 2025
369.		Transient Overvoltages	Cl.14 of IS 302-2-23: 2009/IEC 60335-2-23: 2025
370.		Moisture Resistance	Cl.15 of IS 302-2-23: 2009/IEC 60335-2-23: 2025
371.		Leakage Current and Electric Strength	Cl.16 of IS 302-2-23: 2009/IEC 60335-2-23: 2025
372.	Appliances for skin or hair care	Overload Protection of Transformers and Associated Circuits	Cl.17 of IS 302-2-23: 2009/IEC 60335-2-23: 2025
373.		Abnormal Operation	Cl.19 of IS 302-2-23: 2009/IEC 60335-2-23: 2025
374.		Stability and Mechanical hazards	Cl.20 of IS 302-2-23: 2009/IEC 60335-2-23: 2025
375.		Mechanical Strength	Cl.21 of IS 302-2-23: 2009/IEC 60335-2-23: 2025
376.		Construction	Cl.22 of IS 302-2-23: 2009/IEC 60335-2-23: 2025

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Electrical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Domestic Electrical Appliances		
377.	Appliances for skin or hair care	Internal Wiring	Cl.23 of IS 302-2-23: 2009/IEC 60335-2-23: 2025
378.		Components	Cl.24 of IS 302-2-23: 2009/IEC 60335-2-23: 2025
379.		Supply Connection and External Flexible Cords	Cl.25 of IS 302-2-23: 2009/IEC 60335-2-23: 2025
380.		Terminal for External Conductors	Cl.26 of IS 302-2-23: 2009/IEC 60335-2-23: 2025
381.		Provision for Earthing	Cl.27 of IS 302-2-23: 2009/IEC 60335-2-23: 2025
382.		Screws and Connections	Cl.28 of IS 302-2-23: 2009/IEC 60335-2-23: 2025
383.		Clearances, Creepage Distances and Solid Insulation	Cl.29 of IS 302-2-23: 2009/IEC 60335-2-23: 2025
384.		Resistance to heat and fire	Cl.30 of IS 302-2-23: 2009/IEC 60335-2-23: 2025
385.		Resistance to rusting	Cl.31 of IS 302-2-23: 2009/IEC 60335-2-23: 2025
386.	Refrigerators, food freezers and ice makers	Rating	Cl.5 of IS 302-2-24: 1994/IEC 60335-2-24: 2025
387.		Classification	Cl.6 of IS 302-2-24: 1994/IEC 60335-2-24: 2025

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Domestic Electrical Appliances		
388.		Marking	Cl.7 of IS 302-2-24: 1994/IEC 60335-2-24: 2025
389.	Refrigerators, food freezers and ice makers	Protection against electric shock	Cl.8 of IS 302-2-24: 1994/IEC 60335-2-24: 2025
390.		Starting of Motor Operated Appliances	Cl.9 of IS 302-2-24: 1994/IEC 60335-2-24: 2025
391.		Input and Current	Cl.10 of IS 302-2-24: 1994/IEC 60335-2-24: 2025
392.		Temperature Rise	Cl.11 of IS 302-2-24: 1994/IEC 60335-2-24: 2025
393.		Operation under overload conditions of Appliances with Heating Elements	Cl.12 of IS 302-2-24: 1994/IEC 60335-2-24: 2025
394.		Electricals Insulation and Leakage Current at operating temperature	Cl.13 of IS 302-2-24: 1994/IEC 60335-2-24: 2025
395.		Radio and television interference suppression	Cl.14 of IS 302-2-24: 1994/IEC 60335-2-24: 2025
396.		Moisture Resistance	Cl.15of IS 302-2-24: 1994/IEC 60335-2-24: 2025

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Electrical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Domestic Electrical Appliances		
397.	Refrigerators, food freezers and ice makers	Insulation Resistance and Electric Strength (after humidity treatment)	Cl.16of IS 302-2-24: 1994/IEC 60335-2-24: 2025
398.		Overload protection	Cl.17 of IS 302-2-24: 1994/IEC 60335-2-24: 2025
399.		Abnormal Operation	Cl.19 of IS 302-2-24: 1994/IEC 60335-2-24: 2025
400.		Stability and Mechanical Hazards	Cl.20of IS 302-2-24: 1994/IEC 60335-2-24: 2025
401.		Mechanical Strength	Cl.21 of IS 302-2-24: 1994/IEC 60335-2-24: 2025
402.		Construction	Cl.22 of IS 302-2-24: 1994/IEC 60335-2-24: 2025
403.		Internal wiring	Cl.23 of IS 302-2-24: 1994/IEC 60335-2-24: 2025
404.		Components	Cl.24 of IS 302-2-24: 1994/IEC 60335-2-24: 2025
405.	Refrigerators, food freezers and ice makers	Supply Connection and External Flexible Cables and Cords	Cl.25 of IS 302-2-24: 1994/IEC 60335-2-24: 2025
406.		Terminals For External Conductor	Cl.26 of IS 302-2-24: 1994/IEC 60335-2-24: 2025

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	Domestic Electrical Appliances		
407.		Provision of Earthing	Cl.27of IS 302-2-24: 1994/IEC 60335-2-24: 2025
408.		Screws And Connection	Cl.28 of IS 302-2-24: 1994/IEC 60335-2-24: 2025
409.		Creepage distances, Clearances and distances through insulation	Cl.29 of IS 302-2-24: 1994/IEC 60335-2-24: 2025
410.		Resistance to Heat, Fire and Tracking	Cl.30 of IS 302-2-24: 1994/IEC 60335-2-24: 2025
411.		Resistance to Rusting	Cl.31 of IS 302-2-24: 1994/IEC 60335-2-24: 2025
412.	Electric clocks	General requirements	Cl.4 of IS 302-2-26: 2014/ IEC 60335-2-26: 2024
413.		General conditions for tests	Cl.5 of IS 302-2-26: 2014/ IEC 60335-2-26: 2024
414.	Electric clocks	Classification	Cl.6 of IS 302-2-26: 2014/ IEC 60335-2-26: 2024
415.		Marking and Instructions	Cl.7 of IS 302-2-26: 2014/ IEC 60335-2-26: 2024
416.		Protection Against Access to Live Parts	Cl.8 of IS 302-2-26: 2014/ IEC 60335-2-26: 2024

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Domestic Electrical Appliances		
417.		Power Input and Current	Cl.10 of IS 302-2-26: 2014 /IEC 60335-2-26: 2024
418.		Heating	Cl.11 of IS 302-2-26: 2014 /IEC 60335-2-26: 2024
419.		Leakage Current and Electric Strength at Operating Temperature	Cl.13 of IS 302-2-26: 2014 /IEC 60335-2-26: 2024
420.		Transient Overvoltages	Cl.14 of IS 302-2-26: 2014 /IEC 60335-2-26: 2024
421.		Moisture Resistance	Cl.15 of IS 302-2-26: 2014 /IEC 60335-2-26: 2024
422.		Leakage Current and Electric Strength	Cl.16 of IS 302-2-26: 2014 /IEC 60335-2-26: 2024
423.	Electric clocks	Overload Protection of Transformers and Associated Circuits	Cl.17 of IS 302-2-26: 2014 /IEC 60335-2-26: 2024
424.		Abnormal Operation	Cl.19 of IS 302-2-26: 2014 /IEC 60335-2-26: 2024
425.		Stability and Mechanical hazards	Cl.20 of IS 302-2-26: 2014 /IEC 60335-2-26: 2024
426.		Mechanical Strength	Cl.21 of IS 302-2-26: 2014 /IEC 60335-2-26: 2024

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Domestic Electrical Appliances		
427.		Construction	Cl.22 of IS 302-2-26: 2014 /IEC 60335-2-26: 2024
428.		Internal Wiring	Cl.23 of IS 302-2-26: 2014 /IEC 60335-2-26: 2024
429.		Components	Cl.24 of IS 302-2-26: 2014 /IEC 60335-2-26: 2024
430.		Supply Connection and External Flexible Cords	Cl.25 of IS 302-2-26: 2014 /IEC 60335-2-26: 2024
431.		Terminal for External Conductors	Cl.26 of IS 302-2-26: 2014 /IEC 60335-2-26: 2024
432.		Provision for Earthing	Cl.27 of IS 302-2-26: 2014 /IEC 60335-2-26: 2024
433.	Electric clocks	Screws and Connections	Cl.28 of IS 302-2-26: 2014 /IEC 60335-2-26: 2024
434.		Clearances, Creepage Distances and Solid Insulation	Cl.29 of IS 302-2-26: 2014 /IEC 60335-2-26: 2024
435.		Resistance to heat and fire	Cl.30 of IS 302-2-26: 2014 /IEC 60335-2-26: 2024
436.		Resistance to rusting	Cl.31 of IS 302-2-26: 2014 /IEC 60335-2-26: 2024
437.	Room Heaters	General requirement	Cl.4 of IS 302 Part 2 Sec 30: 2007/IEC 60335-2-30: 2009

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Electrical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Domestic Electrical Appliances		
438.		General conditions for tests	Cl.5 of IS 302 Part 2 Sec 30: 2007/IEC 60335-2-30: 2009
439.		Classification	Cl.6 of IS 302-2-30: 2007/ IEC 60335-2-30: 2009
440.		Marking and Instructions	Cl.7 of IS 302-2-30: 2007/ IEC 60335-2-30: 2009
441.		Protection Against Access to Live Parts	Cl.8 of IS 302-2-30: 2007/ IEC 60335-2-30: 2009
442.		Power Input and Current	Cl.10 of IS 302-2-30: 2007/ IEC 60335-2-30: 2009
443.		Heating	Cl.11 of IS 302-2-30: 2007 /IEC 60335-2-30: 2009
444.	Room Heaters	Leakage Current and Electric Strength at Operating Temperature	Cl.13 of IS 302-2-30: 2007/ IEC 60335-2-30: 2009
445.		Transient Overvoltages	Cl.14 of IS 302-2-30: 2007 /IEC 60335-2-30: 2009
446.		Moisture Resistance	Cl.15 of IS 302-2-30: 2007 /IEC 60335-2-30: 2009
447.		Leakage Current and Electric Strength	Cl.16 of IS 302-2-30: 2007/ IEC 60335-2-30: 2009

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Domestic Electrical Appliances		
448.		Overload Protection of Transformers and Associated Circuits	Cl.17 of IS 302-2-30: 2007 /IEC 60335-2-30: 2009
449.		Abnormal Operation	Cl.19 of IS 302-2-30: 2007 /IEC 60335-2-30: 2009
450.		Stability and Mechanical hazards	Cl.20 of IS 302-2-30: 2007 /IEC 60335-2-30: 2009
451.		Mechanical Strength	Cl.21 of IS 302-2-30: 2007 /IEC 60335-2-30: 2009
452.		Construction	Cl.22 of IS 302-2-30: 2007 /IEC 60335-2-30: 2009
453.	Room Heaters	Internal Wiring	Cl.23 of IS 302-2-30: 2007 /IEC 60335-2-30: 2009
454.		Components	Cl.24 of IS 302-2-30: 2007 /IEC 60335-2-30: 2009
455.		Supply Connection and External Flexible Cords	Cl.25 of IS 302-2-30: 2007 /IEC 60335-2-30: 2009
456.		Terminal for External Conductors	Cl.26 of IS 302-2-30: 2007 /IEC 60335-2-30: 2009
457.		Provision for Earthing	Cl.27 of IS 302-2-30: 2007 /IEC 60335-2-30: 2009
458.		Screws and Connections	Cl.28 of IS 302-2-30: 2007 /IEC 60335-2-30: 2009

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Domestic Electrical Appliances		
459.		Clearances, Creepage Distances and Solid Insulation	Cl.29 of IS 302-2-30: 2007 /IEC 60335-2-30: 2009
460.		Resistance to heat and fire	Cl.30 of IS 302-2-30: 2007 /IEC 60335-2-30: 2009
461.		Resistance to rusting	Cl.31 of IS 302-2-30: 2007 /IEC 60335-2-30: 2009
462.	Range Hoods, chimneys	General conditions for tests	Cl.4 of IS 302 Part 2 Sec 31: 2009/IEC 60335-2-31: 2024
463.		General conditions for tests	Cl.5 of IS 302 Part 2 Sec 31: 2009/IEC 60335-2-31: 2024
464.		Classification	Cl.6 of IS 302 Part 2 Sec 31: 2009/IEC 60335-2-31: 2024
465.		Marking and Instructions	Cl.7 of IS 302 Part 2 Sec 31: 2009/IEC 60335-2-31: 2024
466.		Protection Against Access to Live Parts	Cl.8 of IS 302 Part 2 Sec 31: 2009/IEC 60335-2-31: 2024
467.		Power Input and Current	Cl.10 of IS 302 Part 2 Sec 31: 2009/IEC 60335-2-31: 2024
468.		Heating	Cl.11 of IS 302 Part 2 Sec 31: 2009/IEC 60335-2-31: 2024
469.		Leakage Current and Electric Strength at Operating Temperature	Cl.13 of IS 302 Part 2 Sec 31: 2009/IEC 60335-2-31: 2024

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Domestic Electrical Appliances		
470.		Transient Overvoltages	Cl.14 of IS 302 Part 2 Sec 31: 2009/IEC 60335-2-31: 2024
471.		Moisture Resistance	Cl.15 of IS 302 Part 2 Sec 31: 2009/IEC 60335-2-31: 2024
472.		Leakage Current and Electric Strength	Cl.16 of IS 302 Part 2 Sec 31: 2009/IEC 60335-2-31: 2024
473.	Range Hoods, chimneys	Overload Protection of Transformers and Associated Circuits	Cl.17 of IS 302 Part 2 Sec 31: 2009/IEC 60335-2-31: 2024
474.		Abnormal Operation	Cl.19 of IS 302 Part 2 Sec 31: 2009/IEC 60335-2-31: 2024
475.		Stability and Mechanical hazards	Cl.20 of 302 Part 2 Sec 31 :2009/IEC 60335-2-31: 2024
476.		Mechanical Strength	Cl.21 of IS 302 Part 2 Sec 31: 2009/IEC 60335-2-31: 2024
477.		Construction	Cl.22 of IS 302 Part 2 Sec 31: 2009/IEC 60335-2-31: 2024
478.		Internal Wiring	Cl.23 of IS 302 Part 2 Sec 31: 2009/IEC 60335-2-31: 2024
479.		Components	Cl.24 of IS 302 Part 2 Sec 31: 2009/IEC 60335-2-31: 2024
480.		Supply Connection and External Flexible Cables and Cords	Cl.25 of IS 302 Part 2 Sec 31: 2009/IEC 60335-2-31: 2024

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Domestic Electrical Appliances		
481.		Terminal for External Conductors	Cl.26 of IS 302 Part 2 Sec 31: 2009/IEC 60335-2-31: 2024
482.		Provision for Earthing	Cl.27 of IS 302 Part 2 Sec 31: 2009/IEC 60335-2-31: 2024
483.	Range Hoods, chimneys	Screws and Connections	Cl.28 of IS 302 Part 2 Sec 31: 2009/IEC 60335-2-31: 2024
484.		Clearances, Creepage Distances and Solid Insulation	Cl.29 of IS 302 Part 2 Sec 31: 2009/IEC 60335-2-31: 2024
485.		Resistance to heat and fire	Cl.30 of IS 302 Part 2 Sec 31: 2009/IEC 60335-2-31: 2024
486.		Resistance to rusting	Cl.31 of IS 302 Part 2 Sec 31: 2009/IEC 60335-2-31: 2024
487.	Massage Appliances	Rating	Cl.5 of IS 302-2-32:1994/IEC 60335-2-32: 2024
488.		Classification	Cl.6 of IS 302-2-32:1994/IEC 60335-2-32: 2024
489.		Marking	Cl.7 of IS 302-2-32:1994/IEC 60335-2-32: 2024
490.		Protection against electric shock	Cl.8 of IS 302-2-32:1994/IEC 60335-2-32: 2024
491.		Starting of Motor Operated Appliances	Cl.9 of IS 302-2-32:1994/IEC 60335-2-32: 2024

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Domestic Electrical Appliances		
492.		Input and Current	Cl.10 of IS 302-2-32:1994/IEC 60335-2-32: 2024
493.		Temperature Rise	Cl.11 of IS 302-2-32:1994/IEC 60335-2-32: 2024
494.	Massage Appliances	Operation under overload conditions of Appliances with Heating Elements	Cl.12 of IS 302-2-32:1994/IEC 60335-2-32: 2024
495.		Electricals Insulation and Leakage Current at operating temperature	Cl.13 of IS 302-2-32:1994/IEC 60335-2-32: 2024
496.		Radio and television interference suppression	Cl.14 of IS 302-2-32:1994/IEC 60335-2-32: 2024
497.		Moisture Resistance	Cl.15of IS 302-2-32:1994/IEC 60335-2-32: 2024
498.		Insulation Resistance and Electric Strength (after humidity treatment)	Cl.16of IS 302-2-32:1994/IEC 60335-2-32: 2024
499.		Overload protection	Cl.17 of IS 302-2-32:1994/IEC 60335-2-32: 2024
500.		Endurance	Cl.18 of IS 302-2-32:1994/IEC 60335-2-32: 2024
501.		Abnormal Operation	Cl.19 of IS 302-2-32:1994/IEC 60335-2-32: 2024

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Domestic Electrical Appliances		
502.		Stability and Mechanical Hazards	Cl.20 of IS 302-2-32:1994/IEC 60335-2-32: 2024
503.	Massage Appliances	Mechanical Strength	Cl.21 of IS 302-2-32:1994/IEC 60335-2-32: 2024
504.		Construction	Cl.22 of IS 302-2-32:1994/IEC 60335-2-32: 2024
505.		Internal wiring	Cl.23 of IS 302-2-32:1994/IEC 60335-2-32: 2024
506.		Components	Cl.24 of IS 302-2-32:1994/IEC 60335-2-32: 2024
507.		Supply Connection and External Flexible Cables and Cords	Cl.25 of IS 302-2-32:1994/IEC 60335-2-32: 2024
508.		Terminals For External Conductor	Cl.26 of IS 302-2-32:1994/IEC 60335-2-32: 2024
509.		Provision For Earthing	Cl.27of IS 302-2-32:1994/IEC 60335-2-32: 2024
510.		Screws And Connection	Cl.28 of IS 302-2-32:1994/IEC 60335-2-32: 2024
511.		Creepage distances and Clearances	Cl.29 of IS 302-2-32:1994/IEC 60335-2-32: 2024
512.		Resistance to Heat, Fire and Tracking	Cl.30 of IS 302-2-32:1994/IEC 60335-2-32: 2024

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Domestic Electrical Appliances		
513.		Resistance to Rusting	Cl.31 of IS 302-2-32:1994/IEC 60335-2-32: 2024
514.	Electric instantaneous water heaters	General Requirements	Cl.4 of IS 302 Part 2 Sec 35: 2017 /IEC 60335-2-35: 2012/BS EN 60335-2-35: 2016
515.		General conditions for tests	Cl.5 of IS 302 Part 2 Sec 35: 2017 /IEC 60335-2-35: 2012/BS EN 60335-2-35: 2016
516.		Classification	Cl.6 of IS 302 Part 2 Sec 35: 2017 /IEC 60335-2-35: 2012/BS EN 60335-2-35: 2016
517.		Marking and Instructions	Cl.7 of IS 302 Part 2 Sec 35: 2017 /IEC 60335-2-35: 2012/BS EN 60335-2-35: 2016
518.		Protection Against Access to Live Parts	Cl.8 of IS 302 Part 2 Sec 35: 2017 /IEC 60335-2-35: 2012/BS EN 60335-2-35: 2016
519.		Power Input and Current	Cl.10 of IS 302 Part 2 Sec 35: 2017 /IEC 60335-2-35: 2012/BS EN 60335-2-35: 2016
520.		Heating	Cl.11 of IS 302 Part 2 Sec 35: 2017 /IEC 60335-2-35: 2012/BS EN 60335-2-35: 2016

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Domestic Electrical Appliances		
521.		Leakage Current and Electric Strength at Operating Temperature	Cl.13 of IS 302 Part 2 Sec 35: 2017 /IEC 60335-2-35: 2012/BS EN 60335-2-35: 2016
522.	Electric instantaneous water heaters	Transient Overvoltages	Cl.14 of IS 302 Part 2 Sec 35: 2017 /IEC 60335-2-35: 2012/BS EN 60335-2-35: 2016
523.		Moisture Resistance	Cl.15 of IS 302 Part 2 Sec 35: 2017 /IEC 60335-2-35: 2012/BS EN 60335-2-35: 2016
524.		Leakage Current and Electric Strength	Cl.16 of IS 302 Part 2 Sec 35: 2017 /IEC 60335-2-35: 2012/BS EN 60335-2-35: 2016
525.		Overload Protection of Transformers and Associated Circuits	Cl.17 of IS 302 Part 2 Sec 35: 2017 /IEC 60335-2-35: 2012/BS EN 60335-2-35: 2016
526.		Abnormal Operation	Cl.19 of IS 302 Part 2 Sec 35: 2017 /IEC 60335-2-35: 2012/BS EN 60335-2-35: 2016
527.		Stability and Mechanical hazards	Cl.20 of IS 302 Part 2 Sec 35: 2017 /IEC 60335-2-35: 2012/BS EN 60335-2-35: 2016

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Domestic Electrical Appliances		
528.		Mechanical Strength	Cl.21 of IS 302 Part 2 Sec 35: 2017 /IEC 60335-2-35: 2012/BS EN 60335-2-35: 2016
529.		Construction	Cl.22 of IS 302 Part 2 Sec 35: 2017 /IEC 60335-2-35: 2012/BS EN 60335-2-35: 2016
530.	Electric instantaneous water heaters	Internal Wiring	Cl.23 of IS 302 Part 2 Sec 35: 2017 /IEC 60335-2-35: 2012/BS EN 60335-2-35: 2016
531.		Components	Cl.24 of IS 302 Part 2 Sec 35: 2017 /IEC 60335-2-35: 2012/BS EN 60335-2-35: 2016
532.		Supply Connection and External Flexible Cables and Cords	Cl.25 of IS 302 Part 2 Sec 35: 2017 /IEC 60335-2-35: 2012/BS EN 60335-2-35: 2016
533.		Terminal for External Conductors	Cl.26 of IS 302 Part 2 Sec 35: 2017 /IEC 60335-2-35: 2012/BS EN 60335-2-35: 2016
534.		Provision for Earthing	Cl.27 of IS 302 Part 2 Sec 35: 2017 /IEC 60335-2-35: 2012/BS EN 60335-2-35: 2016
535.		Screws and Connections	Cl.28 of IS 302 Part 2 Sec 35: 2017 /IEC 60335-2-35: 2012/BS EN 60335-2-35: 2016

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Domestic Electrical Appliances		
536.		Clearances, Creepage Distances and Solid Insulation	Cl.29 of IS 302 Part 2 Sec 35: 2017 /IEC 60335-2-35: 2012/BS EN 60335-2-35: 2016
537.		Resistance to heat and fire	Cl.30 of IS 302 Part 2 Sec 35: 2017 /IEC 60335-2-35: 2012/BS EN 60335-2-35: 2016
538.	Electric instantaneous water heaters	Resistance to rusting	Cl.31 of IS 302 Part 2 Sec 35: 2017 /IEC 60335-2-35: 2012/BS EN 60335-2-35: 2016
539.	Commercial Electric ForcedConvection Ovens, Steam Cookers and Steam-Convection Ovens	General requirement	Cl.4 of IS 302 Part 2 Sec 42: 2024 /IEC 60335-2-42: 2021/BS EN 60335-2-42:2003
540.		General conditions for tests	Cl.5 of IS 302 Part 2 Sec 42: 2024 /IEC 60335-2-42: 2021/BS EN 60335-2-42:2003
541.		Classification	Cl.6 of IS 302 Part 2 Sec 42: 2024 /IEC 60335-2-42: 2021/BS EN 60335-2-21:2003
542.		Marking and Instructions	Cl.7 of IS 302 Part 2 Sec 42: 2024 /IEC 60335-2-42: 2021/BS EN 60335-2-21:2003
543.		Protection Against Access to Live Parts	Cl.8 of IS 302 Part 2 Sec 42: 2024 /IEC 60335-2-42: 2021/BS EN 60335-2-42:2003

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Domestic Electrical Appliances		
544.		Starting of Motor Operated Appliances	Cl.9 of IS 302 Part 2 Sec 42: 2024 /IEC 60335-2-42: 2021/BS EN 60335-2-42:2003
545.		Power Input and Current	Cl.10 of IS 302 Part 2 Sec 42: 2024 /IEC 60335-2-42: 2021/BS EN 60335-2-42:2003
546.	Commercial Electric ForcedConvection Ovens, Steam Cookers and Steam-Convection Ovens	Heating	Cl.11 of IS 302 Part 2 Sec 42: 2024 /IEC 60335-2-42: 2021/BS EN 60335-2-42:2003
547.		Leakage Current and electric strength at Operating Temperature	Cl.13 of IS 302 Part 2 Sec 42: 2024 /IEC 60335-2-42: 2021/BS EN 60335-2-42:2003
548.		Transient Overvoltages	Cl.14 of IS 302 Part 2 Sec 42: 2024 /IEC 60335-2-42: 2021/BS EN 60335-2-42:2003
549.		Moisture Resistance	Cl.15 of IS 302 Part 2 Sec 42: 2024 /IEC 60335-2-42: 2021/BS EN 60335-2-42:2003
550.		leakage current and electric strength	Cl.16 of IS 302 Part 2 Sec 42: 2024 /IEC 60335-2-42: 2021/BS EN 60335-2-42:2003

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Domestic Electrical Appliances		
551.	Commercial Electric Forced Convection Ovens, Steam Cookers and Steam-Convection Ovens	Overload Protection of Transformers and Associated Circuits	Cl.17 of IS 302 Part 2 Sec 42: 2024 /IEC 60335-2-42: 2021/BS EN 60335-2-42:2003
552.		Endurance	Cl.18 of IS 302 Part 2 Sec 42: 2024 /IEC 60335-2-42: 2021/BS EN 60335-2-42:2003
553.		Abnormal Operation	Cl.19 of IS 302 Part 2 Sec 42: 2024 /IEC 60335-2-42: 2021/BS EN 60335-2-42:2003
554.		Stability and Mechanical hazards	Cl.20 of IS 302 Part 2 Sec 42: 2024 /IEC 60335-2-42: 2021/BS EN 60335-2-42:2003
555.		Mechanical Strength	Cl.21 of IS 302 Part 2 Sec 42: 2024 /IEC 60335-2-42: 2021/BS EN 60335-2-42:2003
556.		Construction	Cl.22 of IS 302 Part 2 Sec 42: 2024 /IEC 60335-2-42: 2021/BS EN 60335-2-42:2003
557.		Internal Wiring	Cl.23 of IS 302 Part 2 Sec 42: 2024 /IEC 60335-2-42: 2021/BS EN 60335-2-42:2003

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Domestic Electrical Appliances		
558.		Components	Cl.24 of IS 302 Part 2 Sec 42: 2024 /IEC 60335-2-42 : 2021/BS EN 60335-2-42:2003
559.		Supply connection and external flexible cords	Cl.25 of IS 302 Part 2 Sec 42: 2024 /IEC 60335-2-42: 2021/BS EN 60335-2-42:2003
560.		Terminal for External Conductors	Cl.26 of IS 302 Part 2 Sec 42: 2024 /IEC 60335-2-42 : 2021/BS EN 60335-2-42:2003
561.	Commercial Electric Forced Convection Ovens, Steam Cookers and Steam-Convection Ovens	Provision for Earthing	Cl.27 of IS 302 Part 2 Sec 42: 2024 /IEC 60335-2-42: 2021/BS EN 60335-2-42:2003
562.		Screws and Connections	Cl.28 of IS 302 Part 2 Sec 42: 2024 /IEC 60335-2-42: 2021/BS EN 60335-2-42:2003
563.		Clearances, Creepage Distances and Solid Insulation	Cl.29 of IS 302 Part 2 Sec 42: 2024 /IEC 60335-2-42: 2021/BS EN 60335-2-42:2003
564.		Resistance to heat and fire	Cl.30 of IS 302 Part 2 Sec 42: 2024 /IEC 60335-2-42: 2021/BS EN 60335-2-42:2003
565.		Resistance to rusting	Cl.31 of IS 302 Part 2 Sec 42: 2024 /IEC 60335-2-42: 2021/BS EN 60335-2-42:2003

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Electrical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Domestic Electrical Appliances		
566.	Electric Heating Tools	Rating	Cl.5 of IS 302-2-45:1994/IEC 60335-2-45: 2024
567.		Classification	Cl.6 of IS 302-2-45:1994/ IEC 60335-2-45: 2024
568.		Marking	Cl.7 of IS 302-2-45:1994/ IEC 60335-2-45: 2024
569.		Protection against electric shock	Cl.8 of IS 302-2-45:1994/ IEC 60335-2-45: 2024
570.	Electric Heating Tools	Starting of Motor Operated Appliances	Cl.9 of IS 302-2-45:1994/ IEC 60335-2-45: 2024
571.		Input and current	Cl.10 of IS 302-2-45:1994/ IEC 60335-2-45: 2024
572.		Temperature Rise	Cl.11 of IS 302-2-45:1994/ IEC 60335-2-45: 2024
573.		Operation under overload conditions	Cl.12 of IS 302-2-45:1994/ IEC 60335-2-45: 2024
574.		Electrical Insulation at Operating Temperature	Cl.13 of IS 302-2-45:1994/ IEC 60335-2-45: 2024
575.		Radio and television interference suppression	Cl.14 of IS 302-2-45:1994/ IEC 60335-2-45: 2024
576.		Moisture Resistance	Cl.15 of IS 302-2-45:1994/ IEC 60335-2-45: 2024

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Electrical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Domestic Electrical Appliances		
577.		Insulation Resistance and Electric Strength (after humidity treatment)	Cl.16 of IS 302-2-45:1994/ IEC 60335-2-45: 2024
578.		Overload protection	Cl.17 of IS 302-2-45:1994/ IEC 60335-2-45: 2024
579.		Endurance	Cl.18 of IS 302-2-45:1994/ IEC 60335-2-45: 2024
580.	Electric Heating Tools	Abnormal Operation	Cl.19 of IS 302-2-45:1994/ IEC 60335-2-45: 2024
581.		Stability and Mechanical Hazards	Cl.20 of IS 302-2-45:1994/ IEC 60335-2-45: 2024
582.		Mechanical Strength	Cl.21 of IS 302-2-45:1994/ IEC 60335-2-45: 2024
583.		Construction	Cl.22 of IS 302-2-45:1994/ IEC 60335-2-45: 2024
584.		Internal wiring	Cl.23 of IS 302-2-45:1994/ IEC 60335-2-45: 2024
585.		Components	Cl.24 of IS 302-2-45:1994/ IEC 60335-2-45: 2024
586.		Supply Connection and External Flexible Cables and Cords	Cl.25 of IS 302-2-45:1994/ IEC 60335-2-45: 2024
587.		Terminals For External Conductors	Cl.26 of IS 302-2-45:1994/ IEC 60335-2-45: 2024

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Electrical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Domestic Electrical Appliances		
588.		Provision For Earthing	Cl.27of IS 302-2-45:1994/ IEC 60335-2-45: 2024
589.		Screws And Connections	Cl.28 of IS 302-2-45:1994/ IEC 60335-2-45: 2024
590.		Creepage distances and Clearances	Cl.29 of IS 302-2-45:1994/ IEC 60335-2-45: 2024
591.	Electric Heating Tools	Resistance to Heat, Fire and Tracking	Cl.30 of IS 302-2-45:1994/ IEC 60335-2-45: 2024
592.	Electric Steam Cookers	Rating	Cl. 5 of IS 302-2-46:1993
593.		Classification	Cl. 6 of IS 302-2-46:1993
594.		Marking	Cl. 7 of IS 302-2-46:1993
595.		Protection against electric shock	Cl. 8 of IS 302-2-46:1993
596.		Starting of Motor Operated Appliances	Cl.9 of IS 302-2-46:1993
597.		Input And Current	Cl. 10 of IS 302-2-46:1993
598.		Temperature Rise	Cl. 11 of IS 302-2-46:1993
599.		Operation Under Overload Conditions of Appliances with Heating Elements	Cl. 12 of IS 302-2-46:1993

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Electrical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Domestic Electrical Appliances		
600.		Electricals Insulation and Leakage Current at operating temperature	Cl. 13 of IS 302-2-46:1993
601.	Electric Steam Cookers	Radio and television interference suppression	Cl. 14 of IS 302-2-46:1993
602.		Moisture Resistance	Cl. 15 of IS 302-2-46:1993
603.		Insulation Resistance and Electric Strength (after humidity treatment)	Cl. 16 of IS 302-2-46:1993
604.		Overload protection	Cl. 17 of IS 302-2-46:1993
605.		Endurance	Cl. 18 of IS 302-2-46:1993
606.		Abnormal Operation	Cl. 19 of IS 302-2-46:1993
607.		Stability and Mechanical Hazards	Cl. 20 of IS 302-2-46:1993
608.		Mechanical Strength	Cl. 21 of IS 302-2-46:1993
609.		Construction	Cl. 22 of IS 302-2-46:1993
610.		Internal wiring	Cl. 23 of IS 302-2-46:1993

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Electrical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Domestic Electrical Appliances		
611.		Components	Cl. 24 of IS 302-2-46:1993
612.	Electric Steam Cookers	Supply Connection and External Flexible Cables and Cords	Cl. 25 of IS 302-2-46:1993
613.		Terminals For External Conductor	Cl. 26 of IS 302-2-46:1993
614.		Provision For Earthing	Cl. 27 of IS 302-2-46:1993
615.		Screws And Connection	Cl. 28 of IS 302-2-46:1993
616.		Resistance To Heat, Fire and Tracking	Cl. 30 of IS 302-2-46:1993
617.		Resistance to Rusting	Cl. 31 of IS 302-2-46:1993
618.	Insect Killers	General Conditions for the Tests	Cl.5 of IS 302 Part 2 Sec 59: 2024 (IEC 60335-2-59: 2021)
619.		Classification	Cl.6 of IS 302 Part 2 Sec 59: 2024 (IEC 60335-2-59: 2021)
620.		Marking and Instructions	Cl.7 of IS 302 Part 2 Sec 59: 2024 (IEC 60335-2-59: 2021)
621.		Protection Against Access to Live Parts	Cl.8 of IS 302 Part 2 Sec 59: 2024 (IEC 60335-2-59: 2021)
622.		Power Input and Current	Cl.10 of IS 302 Part 2 Sec 59: 2024 (IEC 60335-2-59: 2021)

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Electrical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Domestic Electrical Appliances		
623.	Insect Killers	Heating	Cl.11 of IS 302 Part 2 Sec 59: 2024 (IEC 60335-2-59: 2021)
624.		Operation Under Overload Conditions of Appliances with Heating Elements	Cl.12 of IS 302 Part 2 Sec 59: 2024 (IEC 60335-2-59: 2021)
625.		Leakage Current and Electric Strength at Operating Temperature	Cl.13 of IS 302 Part 2 Sec 59: 2024 (IEC 60335-2-59: 2021)
626.		Transient Overvoltages	Cl.14 of IS 302 Part 2 Sec 59: 2024 (IEC 60335-2-59: 2021)
627.		Moisture Resistance	Cl.15 of IS 302 Part 2 Sec 59: 2024 (IEC 60335-2-59: 2021)
628.		Leakage Current and Electric Strength	Cl.16 of IS 302 Part 2 Sec 59: 2024 (IEC 60335-2-59: 2021)
629.		Overload Protection of Transformers and Associated Circuits	Cl.17 of IS 302 Part 2 Sec 59: 2024 (IEC 60335-2-59: 2021)
630.		Abnormal operation	Cl.19 of IS 302 Part 2 Sec 59: 2024 (IEC 60335-2-59: 2021)
631.		Stability and mechanical hazards	Cl.20 of IS 302 Part 2 Sec 59: 2024 (IEC 60335-2-59: 2021)

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Electrical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Domestic Electrical Appliances		
632.	Insect Killers	Mechanical Strength	Cl.21 of IS 302 Part 2 Sec 59: 2024 (IEC 60335-2-59: 2021)
633.		Construction	Cl.22 of IS 302 Part 2 Sec 59: 2024 (IEC 60335-2-59: 2021)
634.		Internal Wiring	Cl.23 of IS 302 Part 2 Sec 59: 2024 (IEC 60335-2-59: 2021)
635.		Components	Cl.24 of IS 302 Part 2 Sec 59: 2024 (IEC 60335-2-59: 2021)
636.		Supply Connection and External Flexible Cords	Cl.25 of IS 302 Part 2 Sec 59: 2024 (IEC 60335-2-59: 2021)
637.		Terminals for External Conductors	Cl.26 of IS 302 Part 2 Sec 59: 2024 (IEC 60335-2-59: 2021)
638.		Provision for Earthing	Cl.27 of IS 302 Part 2 Sec 59: 2024 (IEC 60335-2-59: 2021)
639.		Screw and Connections	Cl.28 of IS 302 Part 2 Sec 59: 2024 (IEC 60335-2-59: 2021)
640.		Clearances, Creepage Distances and Solid Insulation	Cl.29 of IS 302 Part 2 Sec 59: 2024 (IEC 60335-2-59: 2021)
641.		Resistance To Heat and Fire	Cl.30 of IS 302 Part 2 Sec 59: 2024 (IEC 60335-2-59: 2021)
642.		Resistance to rusting	Cl.31 of IS 302 Part 2 Sec 59: 2024 (IEC 60335-2-59: 2021)

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Electrical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Domestic Electrical Appliances		
643.	Portable Immersion Heaters	General requirement	Cl.4 of IS 302 Part 2 Sec 74: 2024 /IEC 60335-2-74: 2021/BS EN 60335-2-74:2021
644.		General conditions for tests	Cl.5 of IS 302 Part 2 Sec 74: 2024 /IEC 60335-2-74: 2021/BS EN 60335-2-74:2021
645.		Classification	Cl.6 of IS 302 Part 2 Sec 74: 2024 /IEC 60335-2-74: 2021/BS EN 60335-2-74:2021
646.		Marking and Instructions	Cl.7 of IS 302 Part 2 Sec 74: 2024 /IEC 60335-2-74: 2021/BS EN 60335-2-74:2021
647.		Protection Against Access to Live Parts	Cl.8 of IS 302 Part 2 Sec 74: 2024 /IEC 60335-2-74: 2021/BS EN 60335-2-74:2021
648.		Power Input and Current	Cl.10 of IS 302 Part 2 Sec 74: 2024 /IEC 60335-2-74: 2021/BS EN 60335-2-74:2021
649.		Heating	Cl.11 of IS 302 Part 2 Sec 74: 2024 /IEC 60335-2-74: 2021/BS EN 60335-2-74:2021

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Electrical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Domestic Electrical Appliances		
650.		Leakage Current and electric strength at Operating Temperature	Cl.13 of IS 302 Part 2 Sec 74: 2024 /IEC 60335-2-74: 2021/BS EN 60335-2-74:2021
651.	Portable Immersion Heaters	Transient Overvoltages	Cl.14 of IS 302 Part 2 Sec 74: 2024 /IEC 60335-2-74: 2021/BS EN 60335-2-74:2021
652.		Moisture Resistance	Cl.15 of IS 302 Part 2 Sec 74: 2024 /IEC 60335-2-74: 2021/BS EN 60335-2-74:2021
653.		leakage current and electric strength	Cl.16 of IS 302 Part 2 Sec 74: 2024 /IEC 60335-2-74: 2021/BS EN 60335-2-74:2021
654.		Overload Protection of Transformers and Associated Circuits	Cl.17 of IS 302 Part 2 Sec 74: 2024 /IEC 60335-2-74: 2021/BS EN 60335-2-74:2021
655.		Abnormal Operation	Cl.19 of IS 302 Part 2 Sec 74: 2024 /IEC 60335-2-74: 2021/BS EN 60335-2-74:2021
656.		Stability and Mechanical hazards	Cl.20 of IS 302 Part 2 Sec 74: 2024 /IEC 60335-2-74: 2021/BS EN 60335-2-74:2021

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Electrical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Domestic Electrical Appliances		
657.		Mechanical Strength	Cl.21 of IS 302 Part 2 Sec 74: 2024 /IEC 60335-2-74: 2021/BS EN 60335-2-74:2021
658.		Construction	Cl.22 of IS 302 Part 2 Sec 74: 2024 /IEC 60335-2-74: 2021/BS EN 60335-2-74:2021
659.	Portable Immersion Heaters	Internal Wiring	Cl.23 of IS 302 Part 2 Sec 74: 2024 /IEC 60335-2-74: 2021/BS EN 60335-2-74:2021
660.		Components	Cl.24 of IS 302 Part 2 Sec 74: 2024 /IEC 60335-2-74: 2021/BS EN 60335-2-74:2021
661.		Supply connection and external flexible cords	Cl.25 of IS 302 Part 2 Sec 74: 2024 /IEC 60335-2-74: 2021/BS EN 60335-2-74:2021
662.		Terminal for External Conductors	Cl.26 of IS 302 Part 2 Sec 74: 2024 /IEC 60335-2-74: 2021/BS EN 60335-2-74:2021
663.		Provision for Earthing	Cl.27 of IS 302 Part 2 Sec 74: 2024 /IEC 60335-2-74: 2021/BS EN 60335-2-74:2021
664.		Screws and Connections	Cl.28 of IS 302 Part 2 Sec 74: 2024 /IEC 60335-2-74: 2021/BS EN 60335-2-74:2021

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Electrical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Domestic Electrical Appliances		
665.		Clearances, Creepage Distances and Solid Insulation	Cl.29 of IS 302 Part 2 Sec 74: 2024 /IEC 60335-2-74: 2021/BS EN 60335-2-74:2021
666.		Resistance to heat and fire	Cl.30 of IS 302 Part 2 Sec 74: 2024 /IEC 60335-2-74: 2021/BS EN 60335-2-74:2021
667.	Portable Immersion Heaters	Resistance to rusting	Cl.31 of IS 302 Part 2 Sec 74: 2024 /IEC 60335-2-74: 2021/BS EN 60335-2-74:2021
668.	Commercial Dispensing Appliances and Vending Machines	General requirement	Cl.4 of IS 302 Part 2 Sec 75: 2018 /IEC 60335-2-75: 2024/BS EN 60335-2-75: 2023
669.		General conditions for tests	Cl.5 of IS 302 Part 2 Sec 75: 2018 /IEC 60335-2-75: 2024/BS EN 60335-2-75: 2023
670.		Classification	Cl.6 of IS 302 Part 2 Sec 75: 2018 /IEC 60335-2-75: 2024/BS EN 60335-2-75: 2023
671.		Marking and Instructions	Cl.7 of IS 302 Part 2 Sec 75: 2018 /IEC 60335-2-75: 2024/BS EN 60335-2-75: 2023
672.		Protection Against Access to Live Parts	Cl.8 of IS 302 Part 2 Sec 75: 2018 /IEC 60335-2-75: 2024/BS EN 60335-2-75: 2023

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Electrical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Domestic Electrical Appliances		
673.		Power Input and Current	Cl.10 of IS 302 Part 2 Sec 75: 2018 /IEC 60335-2-75: 2024/BS EN 60335-2-75: 2023
674.		Heating	Cl.11 of IS 302 Part 2 Sec 75: 2018 /IEC 60335-2-75: 2024/BS EN 60335-2-75: 2023
675.	Commercial Dispensing Appliances and Vending Machines	Leakage Current and Electric Strength at Operating Temperature	Cl.13 of IS 302 Part 2 Sec 75: 2018 /IEC 60335-2-75: 2024/BS EN 60335-2-75: 2023
676.		Transient Overvoltages	Cl.14 of IS 302 Part 2 Sec 75: 2018 /IEC 60335-2-75: 2024/BS EN 60335-2-75: 2023
677.		Moisture Resistance	Cl.15 of IS 302 Part 2 Sec 75: 2018 /IEC 60335-2-75: 2024/BS EN 60335-2-75: 2023
678.		Leakage Current and Electric Strength	Cl.16 of IS 302 Part 2 Sec 75: 2018 /IEC 60335-2-75: 2024/BS EN 60335-2-75: 2023
679.		Overload Protection of Transformers and Associated Circuits	Cl.17 of IS 302 Part 2 Sec 75: 2018 /IEC 60335-2-75: 2024/BS EN 60335-2-75: 2023

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Electrical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Domestic Electrical Appliances		
680.	Commercial Dispensing Appliances and Vending Machines	Abnormal Operation	Cl.19 of IS 302 Part 2 Sec 75: 2018 /IEC 60335-2-75: 2024/BS EN 60335-2-75: 2023
681.		Stability and Mechanical hazards	Cl.20 of IS 302 Part 2 Sec 75: 2018 /IEC 60335-2-75: 2024/BS EN 60335-2-75: 2023
682.		Mechanical Strength	Cl.21 of IS 302 Part 2 Sec 75: 2018 /IEC 60335-2-75: 2024/BS EN 60335-2-75: 2023
683.		Construction	Cl.22 of IS 302 Part 2 Sec 75: 2018 /IEC 60335-2-75: 2024/BS EN 60335-2-75: 2023
684.		Internal Wiring	Cl.23 of IS 302 Part 2 Sec 75: 2018 /IEC 60335-2-75: 2024/BS EN 60335-2-75: 2023
685.		Components	Cl.24 of IS 302 Part 2 Sec 75: 2018 /IEC 60335-2-75: 2024/BS EN 60335-2-75: 2023
686.		Supply Connection and External Flexible Cables and Cords	Cl.25 of IS 302 Part 2 Sec 75: 2018 /IEC 60335-2-75: 2024/BS EN 60335-2-75: 2023
687.		Terminal for External Conductors	Cl.26 of IS 302 Part 2 Sec 75: 2018 /IEC 60335-2-75: 2024/BS EN 60335-2-75: 2023

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Electrical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Domestic Electrical Appliances		
688.		Provision for Earthing	Cl.27 of IS 302 Part 2 Sec 75: 2018 /IEC 60335-2-75: 2024/BS EN 60335-2-75: 2023
689.		Screws and Connections	Cl.28 of IS 302 Part 2 Sec 75: 2018 /IEC 60335-2-75: 2024/BS EN 60335-2-75: 2023
690.	Commercial Dispensing Appliances and Vending Machines	Clearances, Creepage Distances and Solid Insulation	Cl.29 of IS 302 Part 2 Sec 75: 2018 /IEC 60335-2-75: 2024/BS EN 60335-2-75: 2023
691.		Resistance to heat and fire	Cl.30 of IS 302 Part 2 Sec 75: 2018 /IEC 60335-2-75: 2024/BS EN 60335-2-75: 2023
692.		Resistance to rusting	Cl.31 of IS 302 Part 2 Sec 75: 2018 /IEC 60335-2-75: 2024/BS EN 60335-2-75: 2023
693.	Particular Requirements for Fans	General requirement	Cl.4 of IS 302 Part 2 Sec 80: 2017/IEC 60335-2-80: 2024/SLS 814 Part 2: 2016
694.		General conditions for tests	Cl.5 of IS 302 Part 2 Sec 80: 2017/IEC 60335-2-80: 2024/SLS 814 Part 2: 2016
695.		Classification	Cl.6 of IS 302 Part 2 Sec 80: 2017/IEC 60335-2-80: 2024/SLS 814 Part 2: 2016

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Domestic Electrical Appliances		
696.		Marking and Instructions	Cl.7 of IS 302 Part 2 Sec 80: 2017/IEC 60335-2-80: 2024/SLS 814 Part 2: 2016
697.		Protection Against Access to Live Parts	Cl.8 of IS 302 Part 2 Sec 80: 2017/IEC 60335-2-80: 2024/SLS 814 Part 2: 2016
698.	Particular Requirements for Fans	Power Input and Current	Cl.10 of IS 302 Part 2 Sec 80: 2017/IEC 60335-2-80: 2024/SLS 814 Part 2: 2016
699.		Heating	Cl.11 of IS 302 Part 2 Sec 80: 2017/IEC 60335-2-80: 2024/SLS 814 Part 2: 2016
700.		Leakage Current and Electric Strength at Operating Temperature	Cl.13 of IS 302 Part 2 Sec 80: 2017/IEC 60335-2-80: 2024/SLS 814 Part 2: 2016
701.		Transient Overvoltages	Cl.14 of IS 302 Part 2 Sec 80: 2017/IEC 60335-2-80: 2024/SLS 814 Part 2: 2016
702.		Moisture Resistance	Cl.15 of IS 302 Part 2 Sec 80: 2017/IEC 60335-2-80: 2024/SLS 814 Part 2: 2016

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Domestic Electrical Appliances		
703.		Leakage Current and Electric Strength	Cl.16 of IS 302 Part 2 Sec 80: 2017/IEC 60335-2-80: 2024/SLS 814 Part 2: 2016
704.		Overload Protection of Transformers and Associated Circuits	Cl.17 of IS 302 Part 2 Sec 80: 2017/IEC 60335-2-80: 2024/SLS 814 Part 2: 2016
705.	Particular Requirements for Fans	Abnormal Operation	Cl.19 of IS 302 Part 2 Sec 80: 2017/IEC 60335-2-80: 2024/SLS 814 Part 2: 2016
706.		Stability and Mechanical hazards	Cl.20 of IS 302 Part 2 Sec 80: 2017/IEC 60335-2-80: 2024/SLS 814 Part 2: 2016
707.		Mechanical Strength	Cl.21 of IS 302 Part 2 Sec 80: 2017/IEC 60335-2-80: 2024/SLS 814 Part 2: 2016
708.		Construction	Cl.22 of IS 302 Part 2 Sec 80: 2017/IEC 60335-2-80: 2024/SLS 814 Part 2: 2016
709.		Internal Wiring	Cl.23 of IS 302 Part 2 Sec 80: 2017/IEC 60335-2-80: 2024/SLS 814 Part 2: 2016

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Domestic Electrical Appliances		
710.		Components	Cl.24 of IS 302 Part 2 Sec 80: 2017/IEC 60335-2-80: 2024/SLS 814 Part 2: 2016
711.		Supply Connection and External Flexible Cables and Cords	Cl.25 of IS 302 Part 2 Sec 80: 2017/IEC 60335-2-80: 2024/SLS 814 Part 2: 2016
712.		Terminal for External Conductors	Cl.26 of IS 302 Part 2 Sec 80: 2017/IEC 60335-2-80: 2024/SLS 814 Part 2: 2016
713.	Particular Requirements for Fans	Provision for Earthing	Cl.27 of IS 302 Part 2 Sec 80: 2017/IEC 60335-2-80: 2024/SLS 814 Part 2: 2016
714.		Screws and Connections	Cl.28 of IS 302 Part 2 Sec 80: 2017/IEC 60335-2-80: 2024/SLS 814 Part 2: 2016
715.		Clearances, Creepage Distances and Solid Insulation	Cl.29 of IS 302 Part 2 Sec 80: 2017/IEC 60335-2-80: 2024/SLS 814 Part 2: 2016
716.		Resistance to heat and fire	Cl.30 of IS 302 Part 2 Sec 80: 2017/IEC 60335-2-80: 2024/SLS 814 Part 2: 2016
717.		Resistance to rusting	Cl.31 of IS 302 Part 2 Sec 80: 2017/IEC 60335-2-80: 2024/SLS 814 Part 2: 2016

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Domestic Electrical Appliances		
718.	Electric immersion water heaters	General requirement	Cl.4 of IS 302 Part 2 Sec 201: 2008
719.		General conditions for tests	Cl.5 of IS 302 Part 2 Sec 201: 2008
720.		Classification	Cl.6 of IS 302 Part 2 Sec 201: 2008
721.		Marking and Instructions	Cl.7 of IS 302 Part 2 Sec 201: 2008
722.	Electric immersion water heaters	Protection against access to live parts	Cl.8 of IS 302 Part 2 Sec 201: 2008
723.		Power Input and Current	Cl.10 of IS 302 Part 2 Sec 201: 2008
724.		Heating	Cl.11 of IS 302 Part 2 Sec 201: 2008
725.		Electricals Insulation and Leakage Current at operating temperature	Cl.13 of IS 302 Part 2 Sec 201: 2008
726.		Transient overvoltage	Cl.14 of IS 302 Part 2 Sec 201: 2008
727.		Moisture Resistance	Cl.15of IS 302 Part 2 Sec 201: 2008
728.		Leakage current and electric strength	Cl.16of IS 302 Part 2 Sec 201: 2008
729.		Overload protection	Cl.17 of IS 302 Part 2 Sec 201: 2008

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Domestic Electrical Appliances		
730.		Abnormal Operation	Cl.19 of IS 302 Part 2 Sec 201: 2008
731.		Stability and Mechanical Hazards	Cl.20of IS 302 Part 2 Sec 201: 2008
732.	Electric immersion water heaters	Mechanical Strength	Cl.21 of IS 302 Part 2 Sec 201: 2008
733.		Construction	Cl.22 of IS 302 Part 2 Sec 201: 2008
734.		Internal wiring	Cl.23 of IS 302 Part 2 Sec 201: 2008
735.		Components	Cl.24 of IS 302 Part 2 Sec 201: 2008
736.		Supply connection and external flexible cords	Cl.25 of IS 302 Part 2 Sec 201: 2008
737.		Terminals For External Conductor	Cl.26 of IS 302 Part 2 Sec 201: 2008
738.		Provision for Earthing	Cl.27of IS 302 Part 2 Sec 201: 2008
739.		Screws And Connection	Cl.28 of IS 302 Part 2 Sec 201: 2008
740.		Clearances. creepage distances and solid insulation	Cl.29 of IS 302 Part 2 Sec 201: 2008
741.		Resistance to Heat, Fire and Tracking	Cl.30 of IS 302 Part 2 Sec 201: 2008

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Domestic Electrical Appliances		
742.	Electric immersion water heaters	Resistance to Rusting	Cl.31 of IS 302 Part 2 Sec 201: 2008
743.	Electric stoves	Rating	Cl.5 of IS 302-2-202:1992
744.		Classification	Cl.6 of IS 302-2-202:1992
745.		Marking	Cl.7 of IS 302-2-202:1992
746.		Protection against electric shock	Cl.8 of IS 302-2-202:1992
747.		Input And Current	Cl.10 of IS 302-2-202:1992
748.		Temperature Rise	Cl.11 of IS 302-2-202:1992
749.		Operation under overload conditions of appliance with heating elements	Cl.12 of IS 302-2-202:1992
750.		Electricals Insulation and Leakage Current at operating temperature	Cl.13 of IS 302-2-202:1992
751.		Radio and television interference suppressions	Cl.14 of IS 302-2-202:1992
752.		Moisture Resistance	Cl.15 of IS 302-2-202:1992

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Electrical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Domestic Electrical Appliances		
753.	Electric stoves	Insulation Resistance and Electric Strength (after humidity treatment)	Cl.16 of IS 302-2-202:1992
754.		Mechanical Strength	Cl.21 of IS 302-2-202:1992
755.		Construction	Cl.22 of IS 302-2-202:1992
756.		Internal wiring	Cl.23 of IS 302-2-202:1992
757.		Components	Cl.24 of IS 302-2-202:1992
758.		Supply Connection and External Flexible Cables and Cords	Cl.25 of IS 302-2-202:1992
759.		Terminals For External Conductors	Cl.26 of IS 302-2-202:1992
760.		Provision For Earthing	Cl.27of IS 302-2-202:1992
761.		Screws And Connections	Cl.28 of IS 302-2-202:1992
762.		Creepage distances and Clearances	Cl.29 of IS 302-2-202:1992
763.		Resistance to Heat, Fire and tracking	Cl.30 of IS 302-2-202:1992
764.	Electric stoves	Resistance to Rusting	Cl.31 of IS 302-2-202:1992

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Domestic Electrical Appliances		
765.	Electric Call Bells and Buzzers for Indoor Use	Rating	Cl.5 of IS 302-2-203:1994
766.		Classification	Cl.6 of IS 302-2-203:1994
767.		Marking	Cl.7 of IS 302-2-203:1994
768.		Protection against electric shock	Cl.8 of IS 302-2-203:1994
769.		Temperature Rise	Cl.11 of IS 302-2-203:1994
770.		Electricals Insulation and Leakage Current at operating temperature	Cl.13 of IS 302-2-203:1994
771.		Radio and television interference suppressions	Cl.14 of IS 302-2-203:1994
772.		Moisture Resistance	Cl.15 of IS 302-2-203:1994
773.		Insulation Resistance and Electric Strength (after humidity treatment)	Cl.16of IS 302-2-203:1994
774.		Mechanical Strength	Cl.21 of IS 302-2-203:1994
775.	Electric Call Bells and Buzzers for Indoor Use	Construction	Cl.22 of IS 302-2-203:1994
776.		Internal wiring	Cl.23 of IS 302-2-203:1994

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Domestic Electrical Appliances		
777.		Components	Cl.24 of IS 302-2-203:1994
778.		Supply Connection and External Flexible Cables and Cords	Cl.25 of IS 302-2-203:1994
779.		Terminals For External Conductors	Cl.26 of IS 302-2-203:1994
780.		Provision For Earthing	Cl.27of IS 302-2-203:1994
781.		Screws And Connections	Cl.28 of IS 302-2-203:1994
782.		Creepage distances and Clearances	Cl.29 of IS 302-2-203:1994
783.		Resistance to Heat, Fire and tracking	Cl.30 of IS 302-2-203:1994
784.		Resistance to Rusting	Cl.31 of IS 302-2-203:1994
785.		Radiation Hazard	Cl.32 of IS 302-2-203:1994
786.	Electric Water Boilers	Rating	Cl.5 of IS 302-2-204:1994
787.		Classification	Cl.6 of IS 302-2-204:1994
788.	Electric Water Boilers	Marking	Cl.7 of IS 302-2-204:1994
789.		Protection against electric shock	Cl.8 of IS 302-2-204:1994

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Domestic Electrical Appliances		
790.		Input and Current	Cl.10 of IS 302-2-204:1994
791.		Temperature Rise	Cl.11 of IS 302-2-204:1994
792.		Operation Under Overload Conditions of Appliances with Heating Element	Cl.12 of IS 302-2-204:1994
793.		Electricals Insulation and Leakage Current at operating temperature	Cl.13 of IS 302-2-204:1994
794.		Radio and television interference suppression	Cl.14 of IS 302-2-204:1994
795.		Moisture Resistance	Cl.15 of IS 302-2-204:1994
796.		Insulation Resistance and Electric Strength	Cl.16 of IS 302-2-204:1994
797.		Overload protection	Cl.17 of IS 302-2-204:1994
798.	Electric Water Boilers	Abnormal Operation	Cl.19 of IS 302-2-204:1994
799.		Stability and Mechanical Hazards	Cl.20 of IS 302-2-204:1994
800.		Mechanical Strength	Cl.21 of IS 302-2-204:1994

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Electrical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Domestic Electrical Appliances		
801.		Construction	Cl.22 of IS 302-2-204:1994
802.		Internal wiring	Cl.23 of IS 302-2-204:1994
803.		Components	Cl.24 of IS 302-2-204:1994
804.		Supply Connection and External Flexible Cables and Cords	Cl.25 of IS 302-2-204:1994
805.		Terminals For External Conductor	Cl.26 of IS 302-2-204:1994
806.		Provision For Earthing	Cl.27 of IS 302-2-204:1994
807.		Screws And Connection	Cl.28 of IS 302-2-204:1994
808.		Creepage distances and Clearances	Cl.29 of IS 302-2-204:1994
809.	Electric Water Boilers	Resistance to Heat, Fire and tracking	Cl.30 of IS 302-2-204:1994
810.		Resistance to Rusting	Cl.31 of IS 302-2-204:1994
811.		Radiation Hazard	Cl.32 of IS 302-2-204:1994
812.	Electric coffee machines	Classification	Cl.6 of IS 302-2-206:1994
813.		Marking	Cl.7 of IS 302-2-206:1994

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Domestic Electrical Appliances		
814.		Protection Against Access Electric Shock	Cl.8 of IS 302-2-206:1994
815.		Starting Of Motor Operated Appliances	Cl.9 of IS 302-2-206:1994
816.		Input	Cl.10 of IS 302-2-206:1994
817.		Temperature Rise	Cl.11 of IS 302-2-206:1994
818.		Operation Under Overload Conditions of Appliances with Heating Elements	Cl.12 of IS 302-2-206:1994
819.	Electric coffee machines	Electrical Insulation and Leakage Current at Operating Temperature	Cl.13 of IS 302-2-206:1994
820.		Radio And Television Interference Suppression	Cl.14 of IS 302-2-206:1994
821.		Moisture Resistance	Cl.15 of IS 302-2-206:1994
822.		Insulation Resistance and Electric Strength (After Humidity Treatment)	Cl.16 of IS 302-2-206:1994
823.		Overload protection	Cl.17 of IS 302-2-206:1994

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Domestic Electrical Appliances		
824.		Endurance	Cl.18 of IS 302-2-206:1994
825.		Abnormal operation	Cl.19 of IS 302-2-206:1994
826.		Stability and mechanical hazards	Cl.20 of IS 302-2-206:1994
827.		Mechanical Strength	Cl.21 of IS 302-2-206:1994
828.		Construction	Cl.22 of IS 302-2-206:1994
829.		Internal Wiring	Cl.23 of IS 302-2-206:1994
830.	Electric coffee machines	Component	Cl.24 of IS 302-2-206:1994
831.		Supply Connection and External Flexible Cables and Cords	Cl.25 of IS 302-2-206:1994
832.		Terminals for External Conductors	Cl.26 of IS 302-2-206:1994
833.		Provision for Earthing	Cl.27 of IS 302-2-206:1994
834.		Screw and Connections	Cl.28 of IS 302-2-206:1994
835.		Creepage distance and Clearances	Cl.29 of IS 302-2-206:1994

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Domestic Electrical Appliances		
836.		Resistance to heat, fire and tracking	Cl.30 of IS 302-2-206:1994
837.		Resistance to rusting	Cl.31 of IS 302-2-206:1994
838.		Radiation hazards	Cl.32 of IS 302-2-206:1994
839.	Single Walled Baking Ovens	Rating	Cl.5 of IS 302-2-208:1994
840.		Classification	Cl.6 of IS 302-2-208:1994
841.		Marking	Cl.7 of IS 302-2-208:1994
842.	Single Walled Baking Ovens	Protection against electric shock	Cl.8 of IS 302-2-208:1994
843.		Input and Current	Cl.10 of IS 302-2-208:1994
844.		Temperature Rise	Cl.11 of IS 302-2-208:1994
845.		Operation Under Overload Conditions of Appliances with Heating Elements	Cl.12 of IS 302-2-208:1994
846.		Electricals Insulation and Leakage Current at operating temperature	Cl.13 of IS 302-2-208:1994

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Domestic Electrical Appliances		
847.		Radio and television interference suppression	Cl.14 of IS 302-2-208:1994
848.		Moisture Resistance	Cl.15 of IS 302-2-208:1994
849.		Insulation Resistance and Electric Strength (after humidity treatment)	Cl.16 of IS 302-2-208:1994
850.		Overload protection	Cl.17 of IS 302-2-208:1994
851.		Abnormal Operation	Cl.19 of IS 302-2-208:1994
852.	Single Walled Baking Ovens	Stability and Mechanical Hazards	Cl.20 of IS 302-2-208:1994
853.		Mechanical Strength	Cl.21 of IS 302-2-208:1994
854.		Construction	Cl.22 of IS 302-2-208:1994
855.		Internal wiring	Cl.23 of IS 302-2-208:1994
856.		Components	Cl.24 of IS 302-2-208:1994
857.		Supply Connection and External Flexible Cables and Cords	Cl.25 of IS 302-2-208:1994
858.		Terminals For External Conductors	Cl.26 of IS 302-2-208:1994

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Domestic Electrical Appliances		
859.		Provision For Earthing	Cl.27 of IS 302-2-208:1994
860.		Resistance to Heat, Fire and tracking	Cl.30 of IS 302-2-208:1994
861.		Resistance to Rusting	Cl.31 of IS 302-2-208:1994
862.		Radiation Hazards	Cl.32 of IS 302-2-208:1994
863.		Rating	Cl.5 of IS 302-2-209:1994
864.	Low Speed Food Grinding Machines	Classification	Cl.6 of IS 302-2-209:1994
865.		Marking	Cl.7 of IS 302-2-209:1994
866.		Protection Against Electric Shock	Cl.8 of IS 302-2-209:1994
867.		Starting Of Motor Operated Appliances	Cl.9 of IS 302-2-209:1994
868.		Input And Current	Cl.10 of IS 302-2-209:1994
869.		Temperature Rise	Cl.11 of IS 302-2-209:1994
870.		Operation Under Overload Conditions of Appliances with Heating Elements	Cl.12 of IS 302-2-209:1994

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Domestic Electrical Appliances		
871.		Electrical Insulation and Leakage Current at Operating Temperature	Cl.13 of IS 302-2-209:1994
872.		Radio And Television Interference Suppression	Cl.14 of IS 302-2-209:1994
873.		Moisture Resistance	Cl.15 of IS 302-2-209:1994
874.	Low Speed Food Grinding Machines	Insulation Resistance and Electric Shock Strength (After Humidity Treatment)	Cl.16 of IS 302-2-209:1994
875.		Overload protection	Cl.17 of IS 302-2-209:1994
876.		Abnormal operation	Cl.19 of IS 302-2-209:1994
877.		Stability and mechanical hazards	Cl.20 of IS 302-2-209:1994
878.		Mechanical Strength	Cl.21 of IS 302-2-209:1994
879.		Construction	Cl.22 of IS 302-2-209:1994
880.		Internal Wirings	Cl.23 of IS 302-2-209:1994
881.		Components	Cl.24 of IS 302-2-209:1994

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	Domestic Electrical Appliances		
882.		Supply Connection and External Flexible Cables and Cords	Cl.25 of IS 302-2-209:1994
883.		Terminals for External Conductors	Cl.26 of IS 302-2-209:1994
884.		Provision for Earthing	Cl.27 of IS 302-2-209:1994
885.	Low Speed Food Grinding Machines	Screw and Connections	Cl.28 of IS 302-2-209:1994
886.		Resistance to heat, fire and tracking	Cl.30 of IS 302-2-209:1994
887.		Resistance to rusting	Cl.31 of IS 302-2-209:1994
888.		Radiation hazards	Cl.32 of IS 302-2-209:1994
889.	Closed / Open-Outlet/ Cistern-fed/ Cistern-type/Low-pressure/ Heat Exchange Electric Water Heater	General requirement	Cl.4 of IS 2082: 2018
890.		General conditions for tests	Cl.5 of IS 2082: 2018
891.		Classification	Cl.6 of IS 2082: 2018
892.		Marking and Instructions	Cl.7 of IS 2082: 2018
893.		Safety requirements	Cl.8 of IS 2082: 2018
894.		General conditions for measurements	Cl.9 of IS 2082: 2018

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Electrical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Domestic Electrical Appliances		
895.		Mounting of the water heater	Cl.10 of IS 2082: 2018
896.		Measurements of stored water temperature	Cl.11 of IS 2082: 2018
897.	Closed / Open-Outlet/ Cistern-fed/ Cistern-type/Low-pressure/ Heat Exchange Electric Water Heater	Thermostat setting	Cl.12 of IS 2082: 2018
898.		Measurement of energy consumption	Cl.13 of IS 2082: 2018
899.		Verification of the rated capacity	Cl.14 of IS 2082: 2018
900.		Standing loss per 24 hours	Cl.15 of IS 2082: 2018
901.		Hot water output	Cl.16 of IS 2082: 2018
902.		Reheating time	Cl.17 of IS 2082: 2018
903.		Mixing factor	Cl.18 of IS 2082: 2018
904.		Deviation from dial calibration	Cl.19 of IS 2082: 2018
905.		Cyclic temperature variation (differential)	Cl.20 of IS 2082: 2018
906.		Finish	Cl.21 of IS 2082: 2018
907.		General requirement	Cl.4 of IS 368: 2014

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Electrical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Domestic Electrical Appliances		
908.	Electric immersion water heaters	General conditions for tests	Cl.5 of IS 368: 2014
909.	Electric immersion water heaters	Classification	Cl.6 of IS 368: 2014
910.		Marking	Cl.7 of IS 368: 2014
911.		Protection against access to live parts	Cl.8 of IS 368: 2014
912.		Power Input and Current	Cl.10 of IS 368: 2014
913.		Heating	Cl.11 of IS 368: 2014
914.		Operation under overload conditions of appliances with heating element	Cl.12 of IS 368: 2014
915.		Electricals Insulation and Leakage Current at operating temperature	Cl.13 of IS 368: 2014
916.		Transient overvoltage	Cl.14 of IS 368: 2014
917.		Moisture Resistance	Cl.15 of IS 368: 2014
918.		Leakage current and electric strength	Cl.16 of IS 368: 2014

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Electrical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Domestic Electrical Appliances		
919.		Overload protection	Cl.17 of IS 368: 2014
920.	Electric immersion water heaters	Endurance	Cl.18 of IS 368: 2014
921.		Abnormal Operation	Cl.19 of IS 368: 2014
922.		Stability and Mechanical Hazards	Cl.20of IS 368: 2014
923.		Mechanical Strength	Cl.21 of IS 368: 2014
924.		Construction	Cl.22 of IS 368: 2014
925.		Internal wiring	Cl.23 of IS 368: 2014
926.		Components	Cl.24 of IS 368: 2014
927.		Supply connection and external flexible cords	Cl.25 of IS 368: 2014
928.		Terminals For External Conductor	Cl.26 of IS 368: 2014
929.		Provision for Earthing	Cl.27of IS 368: 2014
930.		Screws And Connection	Cl.28 of IS 368: 2014
931.		Clearances. creepage distances and solid insulation	Cl.29 of IS 368: 2014

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Electrical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Domestic Electrical Appliances		
932.	Electric immersion water heaters	Resistance to Heat, Fire and Tracking	Cl.30 of IS 368: 2014
933.		Resistance to Rusting	Cl.31 of IS 368: 2014
934.		Radiation. toxicity and similar hazards	Cl.32 of IS 368: 2014
935.	Drinking Water Coolers	Classification	Cl.4 of IS 1475: 2024
936.		Construction	Cl.5 of IS 1475: 2024
937.		Preparation of Test Specimen	Cl.6.1 of IS 1475: 2024
938.		Test Conditions	Cl.6.2 of IS 1475: 2024
939.		Cooling Capacity Test	Cl.6.3 of IS 1475: 2024
940.		Maximum Operating Condition Test	Cl.6.4 of IS 1475: 2024
941.		Pull Down Test	Cl.6.5 of IS 1475: 2024
942.		Published ratings	Cl.7 of IS 1475: 2024
943.		Tolerances	Cl.8 of IS 1475: 2024
944.	Drinking Water Coolers	Maximum Power Consumption Test	Cl.9 of IS 1475: 2024

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Electrical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Domestic Electrical Appliances		
945.		Annual Energy Consumption Test	Cl.10 of IS 1475: 2024
946.		Storage Capacity Test	Cl.11 of IS 1475: 2024
947.		Functional Test	Cl.13 of IS 1475: 2024
948.		Schedule of tests	Cl.14 of IS 1475: 2024
949.		Marking and information	Cl.15 of IS 1475: 2024
950.	Bottled Water Dispensers	Classification	Cl.4 of IS 17681: 2022
951.		Refrigeration System	Cl.5 of IS 17681: 2022
952.		General	Cl.6.1 of IS 17681: 2022
953.		Electrical Accessories	Cl.6.2 of IS 17681: 2022
954.		Salt Mist Test	Cl.6.3 of IS 17681: 2022
955.		Sound pressure level	Cl.7 of IS 17681: 2022
956.		Cooling Capacity Test	Cl.10.1 of IS 17681: 2022

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Electrical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Domestic Electrical Appliances		
957.	Bottled Water Dispensers	Maximum Operating Condition Test (Environmental)	Cl.10.2 of IS 17681: 2022
958.		Maximum Operating Condition Test (Voltage)	Cl.10.3 of IS 17681: 2022
959.		Heating Capacity Test	Cl.10.4 of IS 17681: 2022
960.		Annual Energy Consumption Test	Cl.10.5 of IS 17681: 2022
961.		Freeze-up Test	Cl.10.6 of IS 17681: 2022
962.		Door Opening and Closing Test	Cl.10.7 of IS 17681: 2022
963.		Door Seal Test	Cl.10.8 of IS 17681: 2022
964.		Pull-down Test	Cl.10.9 of IS 17681: 2022
965.		Marking and instruction	Cl.11 of IS 17681: 2022
966.	Electric Food-Mixers (Liquidizers and Grinders) and Centrifugal Juicers	General requirement	Cl.4 of IS 4250: 2025
967.		General conditions for tests	Cl.5 of IS 4250: 2025
968.		Classification	Cl.6 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		
969.	Standard Consumer Safety Specification for Toy Safety	Marking	Cl.7 of IS 4250: 2025
970.		Safety Requirements	Cl.8 of IS 4250: 2025
971.		Endurance for motor and base assembly	Cl.9 of IS 4250: 2025
972.		Operational Tests	Cl.10 of IS 4250: 2025
973.		Temperature withstand test for bowl	Cl.11 of IS 4250: 2025
974.		Test for controls	Cl.12 of IS 4250: 2025
975.		Strength of assembly	Cl.13 of IS 4250: 2025
976.		Schedule of tests	Cl.14 of IS 4250: 2025
977.		Radiation	Cl.32 of IS 4250: 2025
978.	Standard Consumer Safety Specification for Toy Safety	Battery-Operated Toys	Cl 4.25 of ASTM F963 – 23
979.		Battery Accessibility	Cl. 4.25.4 of ASTM F963 – 23
980.		Battery-Powered Ride-On Toys	4.25.9 of ASTM F963 – 23
981.	Standard Consumer Safety Specification for Toy Safety	Toys Intended to be Attached to a Crib or Playpen	4.26 of ASTM F963 – 23

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Electrical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Domestic Electrical Appliances		
982.		Electric Toys	5.13 of ASTM F963 – 23
983.		Battery-operated Toys	5.14 of ASTM F963 – 23
984.		Battery-powered Ride-on Toys	5.14.1 of ASTM F963 – 23
985.		Button or Coin Cell Batteries	5.14.2 of ASTM F963 – 23
986.		Battery-Operated Toys	6.5 of ASTM F963 – 23
987.		Battery-powered Ride-on Toys	6.6 of ASTM F963 – 23
988.		Battery-powered Ride-on Toys	7.2 of ASTM F963 – 23
989.		Stalled Motor Test for Battery-operated Toys	8.17 of ASTM F963 – 23
990.	Air Cooler	Classification	Cl.4 of IS 3315: 2024
991.		Construction	Cl.5 of IS 3315: 2024
992.		Rating Requirement	Cl.6 of IS 3315: 2024
993.		Test Conditions	Cl.7 of IS 3315: 2024
994.	Air Cooler	Performance requirements-Standard rating Conditions	Cl.8.1 of IS 3315: 2024

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Electrical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Domestic Electrical Appliances		
995.		Performance requirements-Sound Test	Cl.8.2 of IS 3315: 2024
996.		Performance requirements-Air Delivery (Air Flow) Test	Cl.8.3 of IS 3315: 2024
997.		Performance requirements-Cooling Efficiency Test	Cl.8.4 of IS 3315: 2024
998.		Performance requirements-Power Consumption	Cl.8.5 of IS 3315: 2024
999.		Performance requirements- EER Calculation Method	Cl.8.6 of IS 3315: 2024
1000.		Performance requirements-Drop Test	Cl.8.7 of IS 3315: 2024
1001.		Performance requirements- Air Cooler Blower/Fan Reliability Test	Cl.8.8 of IS 3315: 2024
1002.		Accuracy of instruments	Cl.9 of IS 3315: 2024
1003.	Air Cooler	Test Chamber	Cl.10 of IS 3315: 2024
1004.		Calculation of Airflow	Cl.11 of IS 3315: 2024
1005.		Test	Cl.12 of IS 3315: 2024

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Electrical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Domestic Electrical Appliances		
1006.		Additional requirements for eco-mark	Cl.13 of IS 3315: 2024
1007.		Storage	Cl.14 of IS 331: 2024
1008.		Marking and information	Cl.15 of IS 3315: 2024
1009.	Lighters	Lighters - safety	IS/ISO 9994:2018
1010.		Flame Generation	IS/ISO 9994:2018
1011.		Flame heights	IS/ISO 9994:2018
1012.		Flame extinction	IS/ISO 9994:2018
1013.		Resistance to spitting or sputtering and flaring	IS/ISO 9994:2018
1014.		Volumetric Displacement	IS/ISO 9994:2018
1015.		Compatibility with fuel	IS/ISO 9994:2018
1016.	Lighters	Resistance to Fuel Loss	IS/ISO 9994:2018
1017.		Resistance to Dropping	IS/ISO 9994:2018
1018.		Resistance to Elevated Temperature	IS/ISO 9994:2018

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Electrical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Domestic Electrical Appliances		
1019.		Resistance to internal pressure	IS/ISO 9994:2018
1020.		Burning Behaviour	IS/ISO 9994:2018
1021.		Resistance to Cyclic Burning	IS/ISO 9994:2018
1022.		Resistance to Continuous burning	IS/ISO 9994:2018
1023.		To maintain the ambient condition in Laboratory	IS/ISO 9994:2018
1024.	Electric Ceiling Type Fans	Endurance	Cl. 16 of IS 374: 2019
1025.		Interchangeability	Cl. 12 of IS 374: 2019
1026.		Marking/ Marking and Instructions	Cl. 8 of IS 374: 2019
1027.	Electric Ceiling Type Fans	Measurement of Power Factor and Power Input	Cl. 14.5 of IS 374: 2019
1028.		Measurement of Speed of the fan	Cl. 14.4 of IS 374: 2019
1029.		Performance Requirements	Cl. 15 of IS 374: 2019

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Electrical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Domestic Electrical Appliances		
1030.		Safety Requirements – Protection against access to live parts	Cl. 9 of IS 374: 2019/Cl. 8 of IS 302-2-80: 2017
1031.		Safety Requirements – Power Input and Current	Cl. 9 of IS 374: 2019/ Cl. 10 of IS 302-2-80: 2017
1032.		Safety Requirements – Heating	Cl. 9 of IS 374: 2019/Cl. 11 of IS 302-2-80: 2017
1033.		Safety Requirements – Leakage Current and electrical strength at operating temperature	Cl. 9 of IS 374: 2019/Cl. 13 of IS 302-2-80: 2017
1034.		Safety Requirements – Transient Overvoltage	Cl. 9 of IS 374: 2019/Cl. 14 of IS 302-2-80: 2017
1035.		Safety Requirements – Moisture Resistance	Cl. 9 of IS 374: 2019/Cl. 15 of IS 302-2-80: 2017
1036.	Electric Ceiling Type Fans	Safety Requirements – Leakage current and electrical strength	Cl. 9 of IS 374: 2019/ Cl. 16 of IS 302-2-80: 2017
1037.		Safety Requirements – Overload protection of transformers and associated circuits	Cl. 9 of IS 374: 2019/Cl. 17 of IS 302-2-80: 2017
1038.		Safety Requirements – Abnormal operation	Cl. 9 of IS 374: 2019/ Cl. 19 of IS 302-2-80: 2017

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Electrical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Domestic Electrical Appliances		
1039.		Safety Requirements – Stability and mechanical hazards	Cl. 9 of IS 374: 2019/Cl. 20 of IS 302-2-80: 2017
1040.		Safety Requirements – Mechanical strength	Cl. 9 of IS 374: 2019/Cl. 21 of IS 302-2-80: 2017
1041.		Safety Requirements – Construction	Cl. 9 of IS 374: 2019/Cl. 22 of IS 302-2-80: 2017
1042.		Safety Requirements – Internal wiring	Cl. 9 of IS 374: 2019/Cl. 23 of IS 302-2-80: 2017
1043.		Safety Requirements – Components	Cl. 9 of IS 374: 2019/Cl. 24 of IS 302-2-80: 2017
1044.	Electric Ceiling Type Fans	Safety Requirements – Supply connection and external flexible cords	Cl. 9 of IS 374: 2019/Cl. 25 of IS 302-2-80: 2017
1045.		Safety Requirements – Terminals for external conductors	Cl. 9 of IS 374: 2019/Cl. 26 of IS 302-2-80: 2017
1046.		Safety Requirements – Provision for Earthing	Cl. 9 of IS 374: 2019/Cl. 27 of IS 302-2-80: 2017
1047.		Safety Requirements – Screws and Connections	Cl. 9 of IS 374: 2019/Cl. 28 of IS 302-2-80: 2017

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Electrical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Domestic Electrical Appliances		
1048.		Safety Requirements – Clearance and Creepage Distance	Cl. 9 of IS 374: 2019/Cl. 29 of IS 302-2-80: 2017
1049.		Safety Requirements – Resistance to heat and fire	Cl. 9 of IS 374: 2019/Cl. 30 of IS 302-2-80: 2017
1050.		Safety Requirements – Resistance to Rusting	Cl. 9 of IS 374: 2019/Cl. 31 of IS 302-2-80: 2017
1051.		Silent Operation	Cl. 13 of IS 374: 2019
1052.	Electric Ceiling Type Fans	Speed Regulators	Cl. 10 of IS 374: 2019
1053.		Starting	Cl. 11 of IS 374: 2019
1054.		Test for Air Performance	Cl. 14.3 of IS 374: 2019
1055.		Test for Harmonic Distortion	Cl. 17 of IS 374: 2019
1056.		Test Voltage and Frequency	Cl. 14.2 of IS 374: 2019
1057.		Energy Efficiency	BEE Schedule 8 / Cl. 14, 15 of IS 374: 2019
1058.	Electric Iron stain Cleaning Appliances, Spin Extractors, Cooking Ranges, Hobs, Ovens	General requirement	Cl.4 of IS 302 (Part 1): 2008
1059.		General conditions for tests	Cl.5 of IS 302 (Part 1): 2008

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Domestic Electrical Appliances		
1060.	and Similar Appliances, Electrical Shavers Hair, Clippers and Similar Appliances, Tumbler Dryers, Warming Plates and Similar Appliances, Frying Pans, Deep Fat Fryers and similar appliances, appliances for Heating Liquids, Massage Appliances, Electric Forced Convection Ovens, Steam Cookers and Steam-Convection Ovens, Electric Heating Tools, Electric Steam Cookers, Insect Killers, Electric Fence Energizers, Electric Call Bells and Buzzers for Indoor Use, Electric Water Boilers, Electric Coffee Makers, Electric Bean Slicers, Electric Berry- juice Extractors, Electric Can Openers, Electric Centrifugal Juicers, Electric	Classification	Cl.6 of IS 302 (Part 1): 2008
1061.		Marking and Instructions	Cl.7 of IS 302 (Part 1): 2008
1062.		Protection Against Access to Live Parts	Cl.8 of IS 302 (Part 1): 2008
1063.		Starting of Motor Operated Appliances	Cl.9 of IS 302 (Part 1): 2008
1064.		Power Input and Current	Cl.10 of IS 302 (Part 1): 2008
1065.		Heating	Cl.11 of IS 302 (Part 1): 2008
1066.		Leakage Current and electric strength at Operating Temperature	Cl.13 of IS 302 (Part 1): 2008
1067.		Transient Overvoltages	Cl.14 of IS 302 (Part 1): 2008
1068.		Moisture Resistance	Cl.15 of IS 302 (Part 1): 2008
1069.		leakage current and electric strength	Cl.16 of IS 302 (Part 1): 2008
1070.		Overload Protection of Transformers and Associated Circuits	Cl.17 of IS 302 (Part 1): 2008

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	Domestic Electrical Appliances		
1071.	Churns, Electric Citrus- fruit Squeezers, Electric Coffee Mills not exceeding 500g hopper capacity, Electric Cream Whippers, Electric Egg Beaters, Electric Food Processors, Electric Grain Grinders not exceeding 3l hopper capacity, Electric Graters, Electric Ice- Cream Machines, including those for use in refrigerators and freezers, Electric Knife Sharpeners, Electric Knives, Electric Noodle Makers, Electric Potato Peelers, Electric Shredders, Electric Sieving Machines, Slicing Machines, Electric Hot Plates, Single Walled Baking Ovens, Low Speed Food Grinding Machines, Dishwashers, Floor Treatment Machines and Wet Scrubbing Machines, Food Waste	Endurance	Cl.18 of IS 302 (Part 1): 2008
1072.		Abnormal Operation	Cl.19 of IS 302 (Part 1): 2008
1073.		Stability and Mechanical hazards	Cl.20 of IS 302 (Part 1): 2008
1074.		Mechanical Strength	Cl.21 of IS 302 (Part 1): 2008
1075.		Construction	Cl.22 of IS 302 (Part 1): 2008
1076.		Internal Wiring	Cl.23 of IS 302 (Part 1): 2008
1077.		Components	Cl.24 of IS 302 (Part 1): 2008
1078.		Supply Connection and External Flexible Cords	Cl.25 of IS 302 (Part 1): 2008
1079.		Terminal for External Conductors	Cl.26 of IS 302 (Part 1): 2008
1080.		Provision for Earthing	Cl.27 of IS 302 (Part 1): 2008
1081.		Screws and Connections	Cl.28 of IS 302 (Part 1): 2008
1082.		Clearances, Creepage Distances and Solid Insulation	Cl.29 of IS 302 (Part 1): 2008
1083.		Resistance to heat and fire	Cl.30 of IS 302 (Part 1): 2008

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Domestic Electrical Appliances		
1084.	Disposers, Blankets, Pads, Clothing and Similar Flexible Heating Appliances, Appliances for Skin Exposure to Optical Radiation, Commercial Electric Cooking Ranges, Ovens, Hobs and Hob Elements, Commercial Electric Doughnut Fryers and Deep Fat Fryers, Commercial Electric	Resistance to rusting	Cl.31 of IS 302 (Part 1): 2008
1085.	Battery Chargers	Marking & Instruction	Cl.7 of IEC 60335-2-29: 2016/ BS EN 60335-2-29: 2021
1086.	Battery Chargers	Mechanical Strength	Cl.21 of IEC 60335-2-29: 2016/ BS EN 60335-2-29: 2021
1087.		Moisture Resistance	Cl.15 of IEC 60335-2-29: 2016/ BS EN 60335-2-29: 2021
1088.		Power input & current	Cl. 10 of IEC 60335-2-29: 2016/ BS EN 60335-2-29: 2021
1089.		Supply connection and external flexible cords	Cl.25 of IEC 60335-2-29: 2016/ BS EN 60335-2-29: 2021
1090.		Abnormal Operation	Cl.19 of IEC 60335-2-29: 2016/ BS EN 60335-2-29: 2021

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Domestic Electrical Appliances		
1091.		Clearances, Creepage Distance and Solid insulation	Cl.29 of IEC 60335-2-29: 2016/ BS EN 60335-2-29: 2021
1092.		Components	Cl.24 of IEC 60335-2-29: 2016/ BS EN 60335-2-29: 2021
1093.		Construction	Cl. 22 of IEC 60335-2-29: 2016/ BS EN 60335-2-29: 2021
1094.		Heating	Cl.11 of IEC 60335-2-29: 2016/ BS EN 60335-2-29: 2021
1095.		Internal wiring	Cl.23 of IEC 60335-2-29: 2016/ BS EN 60335-2-29: 2021
1096.		Leakage Current & Electrical Strength	Cl.16 of IEC 60335-2-29: 2016/ BS EN 60335-2-29: 2021
1097.	Battery Chargers	Leakage Current & Electrical Strength at operating temperature	Cl.13 of IEC 60335-2-29: 2016/ BS EN 60335-2-29: 2021
1098.		Overload protection of transformers and associated circuits	Cl.17 of IEC 60335-2-29: 2016/ BS EN 60335-2-29: 2021
1099.		Protection against access to live parts	Cl. 8 of IEC 60335-2-29: 2016/ BS EN 60335-2-29: 2021
1100.		Provision for earthing	Cl.27 of IEC 60335-2-29: 2016/ BS EN 60335-2-29: 2021

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Electrical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Domestic Electrical Appliances		
1101.		Resistance to heat and fire	Cl.30 of IEC 60335-2-29: 2016/ BS EN 60335-2-29: 2021
1102.		Resistance to rusting	Cl.31 of IEC 60335-2-29: 2016/ BS EN 60335-2-29: 2021
1103.		Screws and connections	Cl.28 of IEC 60335-2-29: 2016/ BS EN 60335-2-29: 2021
1104.		Stability and Mechanical Hazards	Cl.20 of IEC 60335-2-29: 2016/ BS EN 60335-2-29: 2021
1105.		Terminals for external conductors	Cl.26 of IEC 60335-2-29: 2016/ BS EN 60335-2-29: 2021
1106.	Battery Chargers	Transient over voltage	Cl.14 of IEC 60335-2-29: 2016/ BS EN 60335-2-29: 2021
1107.	Humidifiers	Abnormal Operation	Cl. 19 of IEC 60335-2-98: 2023/ BS EN 60335-2-98: 2003
1108.		Clearances and Creepage Distances	Cl. 29 of IEC 60335-2-98: 2023/ BS EN 60335-2-98: 2003
1109.		Components	Cl. 24 of IEC 60335-2-98: 2023/ BS EN 60335-2-98: 2003
1110.		Construction	Cl. 22 of IEC 60335-2-98: 2023/ BS EN 60335-2-98: 2003
1111.		Heating	Cl. 11 of IEC 60335-2-98: 2023/ BS EN 60335-2-98: 2003

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Domestic Electrical Appliances		
1112.	Humidifiers	Internal wiring	Cl. 23 of IEC 60335-2-98: 2023/ BS EN 60335-2-98: 2003
1113.		Leakage Current & Electrical Strength at operating temperature	Cl. 13 of IEC 60335-2-98: 2023/ BS EN 60335-2-98: 2003
1114.		Leakage Current &Electrical Strength	Cl. 16 of IEC 60335-2-98: 2023/ BS EN 60335-2-98: 2003
1115.		Marking and Instructions	Cl. 7 of IEC 60335-2-98: 2023/ BS EN 60335-2-98: 2003
1116.		Mechanical Strength	Cl. 21 of IEC 60335-2-98: 2023/ BS EN 60335-2-98: 2003
1117.		Moisture Resistance	Cl. 15 of IEC 60335-2-98: 2023/ BS EN 60335-2-98: 2003
1118.		Overload protection of transformers and associated circuits	Cl. 17 of IEC 60335-2-98: 2023/ BS EN 60335-2-98: 2003
1119.		Power input & current	Cl. 10 of IEC 60335-2-98: 2023/ BS EN 60335-2-98: 2003
1120.		Protection against access to live parts	Cl. 8 of IEC 60335-2-98: 2023/ BS EN 60335-2-98: 2003
1121.		Provision for earthing	Cl. 27 of IEC 60335-2-98: 2023/ BS EN 60335-2-98: 2003

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Domestic Electrical Appliances		
1122.		Resistance to heat and fire	Cl. 30 of IEC 60335-2-98: 2023/ BS EN 60335-2-98: 2003
1123.		Resistance to rusting	Cl. 31 of IEC 60335-2-98: 2023/ BS EN 60335-2-98: 2003
1124.		Screws and connections	Cl. 28 of IEC 60335-2-98: 2023/ BS EN 60335-2-98: 2003
1125.		Stability and Mechanical Hazards	Cl. 20 of IEC 60335-2-98: 2023/ BS EN 60335-2-98: 2003
1126.	Humidifiers	Supply connection and external flexible cords	Cl. 25 of IEC 60335-2-98: 2023/ BS EN 60335-2-98: 2003
1127.		Terminals for external conductors	Cl. 26 of IEC 60335-2-98: 2023/ BS EN 60335-2-98: 2003
1128.		Transient over voltage	Cl. 14 of IEC 60335-2-98: 2023/ BS EN 60335-2-98: 2003
1129.	Method of Measurement for the power consumption of Household electrical appliances	Measurement of Power- Power Measurement in Off Mode, Sleep Mode, and Idle state	Cl. 5 of IEC 62301: 2011
1130.		Power Consumption in - Active Mode,	Cl. 11 of IEC 62087 (P1-P6): 2015
1131.	Safety of Electric Toys	Clearances and Creepage Distances,	Cl. 18 of IS 15644:2006

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	Domestic Electrical Appliances		
1132.		Clearances and Creepage Distances,	Cl. 18 of IEC 62115:2017 / EN IEC 62115:2020 / BS EN IEC 62115:2020+A11: 2020
1133.		Construction	Cl. 14 of IS 15644:2006
1134.		Construction	Cl. 14 of IEC 62115:2017 / EN IEC 62115:2020 / BS EN IEC 62115:2020+A11: 2020
1135.	Safety of Electric Toys	Electric strength at operating temperature	Cl. 10 of IS 15644: 2006
1136.		Electric strength at operating temperature,	Cl. 10 of IEC 62115:2017 / EN IEC 62115:2020 / BS EN IEC 62115:2020+A11: 2020
1137.		Electric strength at room temperature	Cl. 12 of IEC 62115:2017 / EN IEC 62115:2020 / BS EN IEC 62115:2020+A11: 2020
1138.		Electric strength at room temperature	Cl. 12 of IS 15644: 2006
1139.		Heating and abnormal operation	Cl. 9 of IS 15644: 2006
1140.		Heating and abnormal operation	Cl. 9 of IEC 62115:2017 / EN IEC 62115:2020 / BS EN IEC 62115:2020+A11: 2020

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	Domestic Electrical Appliances		
1141.		Marking and Instructions	Cl. 7 of IS 15644: 2006
1142.		Marking and Instructions	Cl. 7 of IEC 62115:2017 / EN IEC 62115:2020 / BS EN IEC 62115:2020+A11: 2020
1143.		Mechanical strength	Cl. 13 of IS 15644: 2006
1144.	Safety of Electric Toys	Mechanical strength	Cl. 13 of IEC 62115:2017 / EN IEC 62115:2020 / BS EN IEC 62115:2020+A11: 2020
1145.		Moisture resistance	Cl. 11 of IS 15644: 2006
1146.		Moisture resistance	Cl. 11 of IEC 62115:2017 / EN IEC 62115:2020 / BS EN IEC 62115:2020+A11: 2020
1147.		Power input	Cl. 8 of IS 15644: 2006
1148.		Power input	Cl. 8 of IEC 62115:2017 / EN IEC 62115:2020 / BS EN IEC 62115:2020+A11: 2020
1149.		Protection of cords and wires	Cl. 15 of IEC 62115:2017 / EN IEC 62115:2020 / BS EN IEC 62115:2020+A11: 2020
1150.		Protection of cords and wires	Cl. 15 of IS 15644: 2006

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Domestic Electrical Appliances		
1151.		Radiation, Toxicity and Similar Hazards	Cl. 32 of IEC 62115:2017 / EN IEC 62115:2020 / BS EN IEC 62115:2020+A11: 2020
1152.		Radiation, Toxicity and Similar Hazards	Cl. 32 of IS 15644: 2006 +A1: 2014
1153.		Resistance to heat and fire	Cl. 19 of IS 15644: 2006
1154.	Safety of Electric Toys	Resistance to heat and fire	Cl. 19 of IEC 62115:2017 / EN IEC 62115:2020 / BS EN IEC 62115:2020+A11: 2020
1155.		Screws and connections	Cl. 17 of IEC 62115:2017 / EN IEC 62115:2020 / BS EN IEC 62115:2020+A11: 2020
1156.		Screws and connections	Cl. 17 of IS 15644: 2006
1157.	Sewing machine	Abnormal Operation	Cl. 19 of IEC 60335-2-28: 2021/BS EN 60335-2-28: 2025
1158.		Clearances, Creepage Distances and Solid Insulation	Cl. 29 of IEC 60335-2-28: 2021/BS EN 60335-2-28: 2025
1159.		Components	Cl. 24 of IEC 60335-2-28: 2021/BS EN 60335-2-28: 2025
1160.		Construction	Cl. 22 of IEC 60335-2-28: 2021/BS EN 60335-2-28: 2025

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Domestic Electrical Appliances		
1161.		Heating	Cl. 11 of IEC 60335-2-28: 2021/BS EN 60335-2-28: 2025
1162.		Internal wiring	Cl. 23 of IEC 60335-2-28: 2021/BS EN 60335-2-28: 2025
1163.		Leakage Current & Electrical Strength	Cl. 16 of IEC 60335-2-28: 2021/BS EN 60335-2-28: 2025
1164.	Sewing machine	Leakage Current & Electrical Strength at operating temperature	Cl. 13 of IEC 60335-2-28: 2021/BS EN 60335-2-28: 2025
1165.		Marking and Instructions	Cl. 7 of IEC 60335-2-28: 2021/BS EN 60335-2-28: 2025
1166.		Mechanical Strength	Cl. 21 of IEC 60335-2-28: 2021/BS EN 60335-2-28: 2025
1167.		Moisture Resistance	Cl. 15 of IEC 60335-2-28: 2021/BS EN 60335-2-28: 2025
1168.		Overload protection of transformers and associated circuits	Cl. 17 of IEC 60335-2-28: 2021/BS EN 60335-2-28: 2025
1169.		Power input & current	Cl. 10 of IEC 60335-2-28: 2021/BS EN 60335-2-28: 2025
1170.		Protection against access to live parts	Cl. 8 of IEC 60335-2-28: 2021/BS EN 60335-2-28: 2025

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Electrical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Domestic Electrical Appliances		
1171.		Provision for earthing	Cl. 27 of IEC 60335-2-28: 2021/BS EN 60335-2-28: 2025
1172.		Resistance to heat and fire	Cl. 30 of IEC 60335-2-28: 2021/BS EN 60335-2-28: 2025
1173.		Resistance to rusting	Cl. 31 of IEC 60335-2-28: 2021/BS EN 60335-2-28: 2025
1174.	Sewing machine	Screws and connections	Cl. 28 of IEC 60335-2-28: 2021/BS EN 60335-2-28: 2025
1175.		Stability and Mechanical Hazards	Cl. 20 of IEC 60335-2-28: 2021/BS EN 60335-2-28: 2025
1176.		Supply connection and external flexible cords	Cl. 25 of IEC 60335-2-28: 2021/BS EN 60335-2-28: 2025
1177.		Terminals for external conductors	Cl. 26 of IEC 60335-2-28: 2021/BS EN 60335-2-28: 2025
1178.		Transient overvoltage	Cl. 14 of IEC 60335-2-28: 2021/BS EN 60335-2-28: 2025
1179.	Electric submersible and non-submersible Pump set	Classification	Cl. 4 of IS 11951: 2024
1180.		Material	Cl. 5 of IS 11951: 2024
1181.		Ratings	Cl. 6 of IS 11951: 2024
1182.		Prime Mover	Cl. 7 of IS 11951: 2024

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Electrical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Domestic Electrical Appliances		
1183.		General requirement	Cl. 8 of IS 11951: 2024
1184.		Performance Requirement	Cl. 9.1 of IS 11951: 2024
1185.		Tests on motor	Cl. 9.2 of IS 11951: 2024
1186.	Electric submersible and non-submersible Pump set	Water Requirement	Cl. 9.3 of IS 11951: 2024
1187.		Reliability Tests	Cl. 9.4 of IS 11951: 2024
1188.		Routine Test	Cl. 9.5 of IS 11951: 2024
1189.		Type Test	Cl. 9.6 of IS 11951: 2024
1190.		Safety requirements	Cl. 9.7 of IS 11951: 2024
1191.		Marking	Cl. 10 of IS 11951: 2024
1192.	Reverse Osmosis Based Point of Use Water Treatment System	Construction	Cl. 4 of IS 11951: 2023
1193.		Materials	Cl. 5 of IS 16240: 2023
1194.		Performance requirements	Cl. 6.1 of IS 16240: 2023
1195.		Reject water control mechanism	Cl. 6.2 of IS 16240: 2023

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Electrical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Domestic Electrical Appliances		
1196.		Percent Recovery of Product Water and Hourly Production Rate	Cl. 6.4 of IS 16240: 2023
1197.		Electrical Safety	Cl. 6.5 of IS 16240: 2023
1198.		Power supply	Cl. 6.6 of IS 16240: 2023
1199.	Reverse Osmosis Based Point of Use Water Treatment System	Pressure Test (Hydrostatic Test) — Type Test	Cl. 6.7 of IS 16240: 2023
1200.		Routine Pressure Test (Pneumatic Test)	Cl. 6.8 of IS 16240: 2023
1201.		Full Device Leakage Testing	Cl. 6.9 of IS 16240: 2023
1202.		Maintenance of product	Cl. 8 of IS 16240: 2023
1203.		Packing	Cl. 9 of IS 16240: 2023
1204.		Marking	Cl. 10 of IS 16240: 2023
1205.	Electric fans and regulators	Size, number of speed and types	Cl. 4 of SLS 814-1: 1988
1206.		Requirements	Cl. 5 of SLS 814-1: 1988
1207.		Marking	Cl. 6 of SLS 814-1: 1988

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	Domestic Electrical Appliances		
1208.		Type Test	Cl. 7.1 of SLS 814-1: 1988
1209.		Limits of error of electrical measuring instruments	Cl. 7.2 of SLS 814-1: 1988
1210.		Test Voltage and Frequency	Cl. 7.3 of SLS 814-1: 1988
1211.	Electric Ceiling Type Fans	Air delivery test	Cl. 7.4 of SLS 814-1: 1988
1212.		Measurement of Speed of the fan	Cl. 7.5 of SLS 814-1: 1988
1213.		Measurement of Power Factor and Power Input	Cl. 7.6 of SLS 814-1: 1988
1214.		Tolerance on ratings	Cl. 8 of SLS 814-1: 1988
1215.	Hand-held motor-operated or magnetically driven electric tools	General requirement	Cl.4 of IS 4665 (Part 1): 2023/IEC 60745-1: 2006
1216.		General conditions for tests	Cl.5 of IS 4665 (Part 1): 2023/IEC 60745-1: 2006
1217.		Classification	Cl.7 of IS 4665 (Part 1): 2023/IEC 60745-1: 2006
1218.		Marking and Instructions	Cl.8 of IS 4665 (Part 1): 2023/IEC 60745-1: 2006
1219.		Protection Against Access to Live Parts	Cl.9 of IS 4665 (Part 1): 2023/IEC 60745-1: 2006

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	Domestic Electrical Appliances		
1220.		Starting	Cl.10 of IS 4665 (Part 1): 2023/IEC 60745-1: 2006
1221.		Input and Current	Cl.11 of IS 4665 (Part 1): 2023/IEC 60745-1: 2006
1222.	Hand-held motor-operated or magnetically driven electric tools	Heating	Cl.12 of IS 4665 (Part 1): 2023/IEC 60745-1: 2006
1223.		Leakage Current	Cl.13 of IS 4665 (Part 1): 2023/IEC 60745-1: 2006
1224.		Moisture Resistance	Cl.14 of IS 4665 (Part 1): 2023/IEC 60745-1: 2006
1225.		Electric strength	Cl.15 of IS 4665 (Part 1): 2023/IEC 60745-1: 2006
1226.		Overload Protection of Transformers and Associated Circuits	Cl.16 of IS 4665 (Part 1): 2023/IEC 60745-1: 2006
1227.		Endurance	Cl.17 of IS 4665 (Part 1): 2023/IEC 60745-1: 2006
1228.		Abnormal Operation	Cl.18 of IS 4665 (Part 1): 2023/IEC 60745-1: 2006
1229.		Mechanical hazards	Cl.19 of IS 4665 (Part 1): 2023/IEC 60745-1: 2006
1230.		Mechanical Strength	Cl.20 of IS 4665 (Part 1): 2023/IEC 60745-1: 2006

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Domestic Electrical Appliances		
1231.	Hand-held motor-operated or magnetically driven electric tools	Construction	Cl.21 of IS 4665 (Part 1): 2023/IEC 60745-1: 2006
1232.		Internal Wiring	Cl.22 of IS 4665 (Part 1) : 2023/IEC 60745-1: 2006
1233.		Components	Cl.23 of IS 4665 (Part 1) : 2023/IEC 60745-1: 2006
1234.		Supply Connection and External Flexible Cords	Cl.24 of IS 4665 (Part 1) : 2023/IEC 60745-1: 2006
1235.		Terminal for External Conductors	Cl.25 of IS 4665 (Part 1) : 2023/IEC 60745-1: 2006
1236.		Provision for Earthing	Cl.26 of IS 4665 (Part 1) : 2023/IEC 60745-1: 2006
1237.		Screws and Connections	Cl.27 of IS 4665 (Part 1) : 2023/IEC 60745-1: 2006
1238.		Clearances, Creepage and Distances	Cl.28 of IS 4665 (Part 1) : 2023/IEC 60745-1: 2006
1239.		Resistance to heat, fire and tracking	Cl.29 of IS 4665 (Part 1) : 2023/IEC 60745-1: 2006
1240.		Resistance to rusting	Cl.30 of IS 4665 (Part 1) : 2023/IEC 60745-1: 2006
1241.	Drill and Impact Drill Tools	General requirement	Cl.4 of IS 4665 (Part 2/ sec 1): 2023/IEC 60745-2-1: 2003

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	Domestic Electrical Appliances		
1242.		General conditions for tests	Cl.5 of IS 4665 (Part 2/ sec 1): 2023/IEC 60745-2-1: 2003
1243.		Classification	Cl.7 of IS 4665 (Part 2/ sec 1): 2023/IEC 60745-2-1: 2003
1244.	Drill and Impact Drill Tools	Marking and Instructions	Cl.8 of IS 4665 (Part 2/ sec 1): 2023/IEC 60745-2-1: 2003
1245.		Protection Against Access to Live Parts	Cl.9 of IS 4665 (Part 2/ sec 1): 2023/IEC 60745-2-1: 2003
1246.		Starting	Cl.10 of IS 4665 (Part 2/ sec 1): 2023/IEC 60745-2-1: 2003
1247.		Input and Current	Cl.11 of IS 4665 (Part 2/ sec 1): 2023/IEC 60745-2-1: 2003
1248.		Heating	Cl.12 of IS 4665 (Part 2/ sec 1): 2023/IEC 60745-2-1: 2003
1249.		Leakage Current	Cl.13 of IS 4665 (Part 2/ sec 1): 2023/IEC 60745-2-1: 2003
1250.		Moisture Resistance	Cl.14 of IS 4665 (Part 2/ sec 1): 2023/IEC 60745-2-1: 2003
1251.		Electric strength	Cl.15 of IS 4665 (Part 2/ sec 1): 2023/IEC 60745-2-1: 2003
1252.		Overload Protection of Transformers and Associated Circuits	Cl.16 of IS 4665 (Part 2/ sec 1): 2023/IEC 60745-2-1: 2003

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Domestic Electrical Appliances		
1253.		Endurance	Cl.17 of IS 4665 (Part 2/ sec 1): 2023/IEC 60745-2-1: 2003
1254.		Abnormal Operation	Cl.18 of IS 4665 (Part 2/ sec 1): 2023/IEC 60745-2-1: 2003
1255.	Drill and Impact Drill Tools	Mechanical hazards	Cl.19 of IS 4665 (Part 2/ sec 1): 2023/IEC 60745-2-1: 2003
1256.		Mechanical Strength	Cl.20 of IS 4665 (Part 2/ sec 1): 2023/IEC 60745-2-1: 2003
1257.		Construction	Cl.21 of IS 4665 (Part 2/ sec 1): 2023/IEC 60745-2-1: 2003
1258.		Internal Wiring	Cl.22 of IS 4665 (Part 2/ sec 1): 2023/IEC 60745-2-1: 2003
1259.		Components	Cl.23 of IS 4665 (Part 2/ sec 1): 2023/IEC 60745-2-1: 2003
1260.		Supply Connection and External Flexible Cords	Cl.24 of IS 4665 (Part 2/ sec 1): 2023/IEC 60745-2-1: 2003
1261.		Terminal for External Conductors	Cl.25 of IS 4665 (Part 2/ sec 1): 2023/IEC 60745-2-1: 2003
1262.		Provision for Earthing	Cl.26 of IS 4665 (Part 2/ sec 1): 2023/IEC 60745-2-1: 2003
1263.		Screws and Connections	Cl.27 of IS 4665 (Part 2/ sec 1): 2023/IEC 60745-2-1: 2003

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Domestic Electrical Appliances		
1264.		Clearances, Creepage and Distances	Cl.28 of IS 4665 (Part 2/ sec 1): 2023/IEC 60745-2-1: 2003
1265.		Resistance to heat, fire and tracking	Cl.29 of IS 4665 (Part 2/ sec 1): 2023/IEC 60745-2-1: 2003
1266.	Drill and Impact Drill Tools	Resistance to rusting	Cl.30 of IS 4665 (Part 2/ sec 1): 2023/IEC 60745-2-1: 2003
1267.	Electric Table Type Fans and Regulators	Marking	Cl. 9 of IS 555: 1979
1268.		Protection against electric shock	Cl. 7.1, 10.11 of IS 555: 1979
1269.		Fan Speed and Input	Cl. 10.9 of IS 555: 1979
1270.		Temperature-rise	Cl. 7.3, 10.4 of IS 555: 1979
1271.		Electrical Insulation Under Normal Operating Conditions	Cl. 7.2, 10.5 & 10.6 of IS 555: 1979
1272.		Moisture Resistance Test	Cl. 10.12 of IS 555: 1979
1273.		Design and General Construction	Cl. 6 of IS 555: 1979
1274.		Insulating material	Cl. 7.7 of IS 555: 1979
1275.		Cord Grip	Cl. 10.14 of IS 555: 1979

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Domestic Electrical Appliances		
1276.		Earthing connection	Cl. 10.10 of IS 555: 1979
1277.		Creepage Distances and Clearances	Cl. 7.5, 10.16 of IS 555: 1979
1278.	Electric Table Type Fans and Regulators	Speed Regulators	Cl. 7.8 of IS 555: 1979
1279.		Starting	Cl. 10.8 of IS 555: 1979
1280.		Air delivery test	Cl. 10.3 of IS 555: 1979
1281.		Measurement of Speed of the fan	Cl. 10.9 of IS 555: 1979
1282.		Mechanical endurance test (for regulator only)	Cl. 10.13, 7.4 of IS 555: 1979
1283.		Performance Requirements	Cl. 8.1, 8.2 of IS 555: 1979
1284.		Insulation Resistance test	Cl. 7.2, 10.7 of IS 555: 1979
1285.		Interchangeability	Cl. 7.9 of IS 555: 1979
1286.	Propeller Type a.c. Ventilating Fans	Marking	Cl. 13 of IS 2312: 1967
1287.		Silent Operation	Cl. 12 of IS 2312: 1967
1288.		Electrical Input Test	Cl. 14.11 of IS 2312: 1967

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Electrical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Domestic Electrical Appliances		
1289.		Temperature-rise	Cl. 14.3 of IS 2312: 1967
1290.		AC Leakage Test	Cl. 14.7 of IS 2312: 1967
1291.	Propeller Type a.c. Ventilating Fans	High Voltage Test	Cl. 14.8 of IS 2312: 1967
1292.		Insulation Resistance Test	Cl. 14.9 of IS 2312: 1967
1293.		Moisture proofness Test	Cl. 14.4 of IS 2312: 1967
1294.		Design and General Construction	Cl. 6 of IS 2312: 1967
1295.		Power factor	Cl. 14.6 of IS 2312: 1967
1296.		Earthing continuity test	Cl. 14.10 of IS 2312: 1967
1297.		Speed Regulators	Cl. 9 of IS 2312: 1967
1298.		Starting	Cl. 10 of IS 2312: 1967
1299.		Air delivery test	Cl. 14.2 of IS 2312: 1967
1300.		Measurement of Speed of the fan	Cl. 14.12 of IS 2312: 1967
1301.		Mechanical endurance test (for regulator only)	Cl. 14.5 of IS 2312: 1967

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Domestic Electrical Appliances		
1302.		Interchangeability	Cl. 11 of IS 2312: 1967
1303.	Electric pedestal type fans and regulators	Marking	Cl. 15 of IS 1169: 1967
1304.	Electric pedestal type fans and regulators	Silent Operation	Cl. 13 of IS 1169: 1967
1305.		Electrical Input Test	Cl. 16.11 of IS 1169: 1967
1306.		Temperature-rise	Cl. 16.3 of IS 1169: 1967
1307.		AC Leakage Test	Cl. 16.8 of IS 1169: 1967
1308.		High Voltage Test	Cl. 16.9 of IS 1169: 1967
1309.		Insulation Resistance Test	Cl. 16.14 of IS 1169: 1967
1310.		Moisture proofness Test	Cl. 16.4 of IS 1169: 1967
1311.		Design and General Construction	Cl. 6 of IS 1169: 1967
1312.		Power factor	Cl. 16.7 of IS 1169: 1967
1313.		Earthing continuity test	Cl. 16.10 of IS 1169: 1967
1314.		Speed Regulators	Cl. 10 of IS 1169: 1967

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Domestic Electrical Appliances		
1315.		Starting	Cl. 11 of IS 1169: 1967
1316.	Electric pedestal type fans and regulators	Air delivery test	Cl. 16.2 of IS 1169: 1967
1317.		Measurement of Speed of the fan	Cl. 16.12 of IS 1169: 1967
1318.		Mechanical endurance test (for regulator only)	Cl. 16.6 of IS 1169: 1967
1319.		Interchangeability	Cl. 12 of IS 1169: 1967

Electrical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Cells & Batteries		
1.	Lithium Systems- Cells & Batteries	Case stress at high ambient temperature (battery)	Cl. 7.2.2 of IS 16046 -2 :2018 / IEC 62133 -2: 2017
2.		Charging procedure for the test purpose – First procedure	Cl. 7.1.1 of IS 16046 -2 (A1:2020) :2018 / IEC 62133 -2 (A1:2021): 2017

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Electrical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Cells & Batteries		
3.		Charging procedure for the test purpose – second procedure	Cl. 7.1.2 (Along with annex-A) of IS 16046 -2 (A1:2020) :2018 / IEC 62133 -2 (A1:2021): 2017
4.		Continuous charging at constant voltage (Cells)	Cl. 7.2.1 of IS 16046 -2 (A1:2020) :2018 / IEC 62133 -2 (A1:2021): 2017
5.		Crush (cells)	Cl. 7.3.5 (along with Cl. 7.1.2) of IS 16046 -2 (A1:2020) :2018 / IEC 62133 -2 (A1:2021): 2017
6.		External Short circuit (Battery)	Cl. 7.3.2 (along with Cl. 7.1.1) of IS 16046 -2 (A1:2020) :2018 / IEC 62133 -2 (A1:2021): 2017
7.		External Short circuit (cell)	Cl. 7.3.1 (along with Cl. 7.1.2) of IS 16046 -2 (A1:2020) :2018 / IEC 62133 -2 (A1:2021): 2017
8.		Forced discharge (Cells)	Cl. 7.3.7 of IS 16046 -2 (A1:2020) :2018 / IEC 62133 -2 (A1:2021): 2017
9.		Free fall	Cl. 7.3.3 of IS 16046 -2 (A1:2020) :2018 / IEC 62133 -2 (A1:2021): 2017
10.		Insulation and wiring	Cl. 5.2 of IS 16046 -2 (A1:2020) :2018 / IEC 62133 -2 (A1:2021): 2017
11.		Measurement of the internal resistance for coin cells	Annex D of IS 16046 -2 (A1:2020) :2018 / IEC 62133 -2 (A1:2021): 2017

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Electrical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Cells & Batteries		
12.	Lithium Systems- Cells & Batteries	Mechanical Shock,	Cl. 7.3.8.2 (along with Cl. 7.1.1) of IS 16046 -2 (A1:2020) :2018 / IEC 62133 -2 (A1:2021): 2017
13.		Overcharging of battery	Cl. 7.3.6 of IS 16046 -2 (A1:2020) :2018 / IEC 62133 -2 (A1:2021): 2017
14.		Packaging and Transport	Cl. 10 of IS 16046 -2 (A1:2020) :2018 / IEC 62133 -2 (A1:2021): 2017
15.		Small cell and battery safety information	Cl. 8.2 of IS 16046 -2 (A1:2020) :2018 / IEC 62133 -2 (A1:2021): 2017
16.		Thermal Abuse (cells)	Cl. 7.3.4 of IS 16046 -2 (A1:2020) :2018 / IEC 62133 -2 (A1:2021): 2017
17.		Verification of Battery Marking	Cl. 9.2 (as per IEC 61960) of IS 16046 -2 (A1:2020) :2018 / IEC 62133 -2 (A1:2021): 2017
18.		Verification of Cell Marking	Cl. 9.1 (as per IEC 61960) of IS 16046 -2 (A1:2020) :2018 / IEC 62133 -2 (A1:2021): 2017
19.		Vibration	Cl. 7.3.8.1 (along with Cl. 7.1.1) of IS 16046 -2 (A1:2020) :2018 / IEC 62133 -2 (A1:2021): 2017

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Electrical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Cells & Batteries		
20.	Nickel Systems- Cells & Batteries	Verification of Battery Marking	Cl. 9.2 (as per IEC 61951-1 or IEC 61951-2) of IS 16046 -1 (A1:2020) :2018 / IEC 62133 -1: 2017
21.		Case stress at high ambient temperature (Batteries)	Cl. 7.2.3 of IS 16046 -1 (A1:2020) :2018 / IEC 62133 -1: 2017
22.		Crushing of cells	Cl. 7.3.6 of IS 16046 -1 (A1:2020) :2018 / IEC 62133 -1: 2017
23.		Verification of Cell Marking	Cl. 9.1 (as per IEC 61951-1 or IEC 61951-2) of IS 16046 -1 (A1:2020) :2018 / IEC 62133 -1: 2017
24.		Charging procedure for the test purpose	Cl. 7.1 of IS 16046 -1 (A1:2020) :2018 / IEC 62133 -1 (A1:2021): 2017
25.		Continuous Low – rate charging	Cl. 7.2.1 of IS 16046 -1 (A1:2020) :2018 / IEC 62133 -1 (A1:2021): 2017
26.		External Short Circuit	Cl. 7.3.2 of IS 16046 -1 (A1:2020) :2018 / IEC 62133 -1: 2017
27.		Forced discharge (cells),	Cl. 7.3.9 of IS 16046 -1 (A1:2020) :2018 / IEC 62133 -1: 2017
28.		Free fall	Cl. 7.3.3 of IS 16046 -1 (A1:2020) :2018 / IEC 62133 -1: 2017
29.		Incorrect Installation (Cells)	Cl. 7.3.1 of IS 16046 -1 (A1:2020) :2018 / IEC 62133 -1: 2017

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Electrical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Cells & Batteries		
30.		Insulation and wiring	Cl. 5.2 of IS 16046 -1 (A1:2020) :2018 / IEC 62133 -1 (A1:2021): 2017
31.	Nickel Systems- Cells & Batteries	Low Pressure	Cl. 7.3.7 of IS 16046 -1 (A1:2020) :2018 / IEC 62133 -1: 2017
32.		Mechanical shock (Crash Hazard)	Cl. 7.3.4 of IS 16046 -1 (A1:2020) :2018 / IEC 62133 -1: 2017
33.		Overcharge	Cl. 7.3.8 of IS 16046 -1 (A1:2020) :2018 / IEC 62133 -1: 2017
34.		Packaging	Cl. 10 of IS 16046 -1 (A1:2020) :2018 / IEC 62133 -1: 2017
35.		Small cell and battery safety information	Cl. 8.2 of IS 16046 -1 (A1:2020) :2018 / IEC 62133 -1: 2017
36.		Temperature cycling	Cl. 7.2.4 of IS 16046 -1 (A1:2020) :2018 / IEC 62133 -1: 2017
37.		Thermal Abuse (Cells)	Cl. 7.3.5 of IS 16046 -1 (A1:2020) :2018 / IEC 62133 -1: 2017
38.		Vibration	Cl. 7.2.2. of IS 16046 -1 (A1:2020) :2018 / IEC 62133 -1: 2017
39.	Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes	Cell Designation and Marking	Cl. 5 of IS 16047(Part-3):2018/IEC 61960-3:2017
40.		Charging Procedure	Cl. 7.1 & 7.2 of IS 16047(Part-3):2018/IEC 61960-3:2017

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Cells & Batteries		
41.		Discharge Performance at 20°C (Rated Capacity)	Cl. 7.3.1 of IS 16047(Part-3):2018/IEC 61960-3:2017
42.		Discharge at -20°C	Cl. 7.3.2 of IS 16047(Part-3):2018/IEC 61960-3:2017
43.	Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes	High-Rate Discharge at 20°C	Cl. 7.3.3 of IS 16047(Part-3):2018/IEC 61960-3:2017
44.		Capacity Retention and Recovery	Cl. 7.4 of IS 16047(Part-3):2018/IEC 61960-3:2017
45.		Capacity Recovery After Long-Term Storage	Cl. 7.5 of IS 16047(Part-3):2018/IEC 61960-3:2017
46.		Endurance in Cycles (0.2 It A)	Cl. 7.6.2 of IS 16047(Part-3):2018/IEC 61960-3:2017
47.		Endurance in Cycles (0.5 It A – Accelerated)	Cl. 7.6.3 of IS 16047(Part-3):2018/IEC 61960-3:2017
48.		Internal Resistance	Cl. 7.7 of IS 16047(Part-3):2018/IEC 61960-3:2017

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Lamps Luminaries & Accessories		
	Luminaires	Classification of Luminaries	IEC 60598-1:2024/ BS EN IEC 60598-1:2024 (Clause No. 5)
		Marking	IEC 60598-1:2024/ BS EN IEC 60598-1:2024 (Clause No. 6)
		Construction	IEC 60598-1:2024/ BS EN IEC 60598-1:2024 (Clause No. 7)
		External and Internal Wiring	IEC 60598-1:2024/ BS EN IEC 60598-1:2024 (Clause No. 8)
		Provision of Earthing	IEC 60598-1:2024/ BS EN IEC 60598-1:2024 (Clause No. 9)
		Protection Against Electric Shock	IEC 60598-1:2024/ BS EN IEC 60598-1:2024 (Clause No. 10)
		Resistance to Dust, Solid Objects and Moisture	IEC 60598-1:2024/ BS EN IEC 60598-1:2024(Clause No. 11)
		Insulation resistance and electric strength, touch current and protective conductor current	IEC 60598-1:2024/ BS EN IEC 60598-1:2024(Clause No. 12)
		Creepage & Clearance Distances	IEC 60598-1:2024/ BS EN IEC 60598-1:2024(Clause No. 13)

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Lamps Luminaries & Accessories		
		Endurance Test and Thermal Test	IEC 60598-1:2024/ BS EN IEC 60598-1:2024(Clause No. 14)
	Luminaires	Resistance to Heat, Fire and Tracking	IEC 60598-1:2024/ BS EN IEC 60598-1:2024(Clause No. 15)
		Screw Terminals	IEC 60598-1:2024/ BS EN IEC 60598-1:2024(Clause No. 16)
		Screw Less Terminals and Electrical Connections	IEC 60598-1:2024/ BS EN IEC 60598-1:2024(Clause No. 17)
		Classification of Luminaries	IS 10322 (Part 1):2026/ AS/NZS 60598.1: 2025 (Clause No. 2)
		Marking	IS 10322 (Part 1):2026/ AS/NZS 60598.1: 2025 (Clause No. 3)
		Construction	IS 10322 (Part 1):2026/ AS/NZS 60598.1: 2025 (Clause No. 4)
		External and Internal Wiring	IS 10322 (Part 1):2026/ AS/NZS 60598.1: 2025 (Clause No. 5)
		Provision of Earthing	IS 10322 (Part 1):2026/ AS/NZS 60598.1: 2025 (Clause No. 7)
		Protection Against Electric Shock Tests	IS 10322 (Part 1):2026/ AS/NZS 60598.1: 2025 (Clause No. 8)

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Lamps Luminaries & Accessories		
		Resistance to Dust and Moisture	IS 10322 (Part 1):2026/ AS/NZS 60598.1: 2025 (Clause No. 9)
		Insulation Resistance & Electric Strength	IS 10322 (Part 1):2026/ AS/NZS 60598.1: 2025 (Clause No. 10)
	Luminaires	Creepage & Clearance Distances	IS 10322 (Part 1):2026/ AS/NZS 60598.1: 2025 (Clause No. 11)
		Endurance Test and Thermal Test	IS 10322 (Part 1):2026/ AS/NZS 60598.1: 2025 (Clause No. 12)
		Resistance to Heat, Fire and Tracking	IS 10322 (Part 1):2026/ AS/NZS 60598.1: 2025 (Clause No. 13)
		Screw Terminals	IS 10322 (Part 1):2026/ AS/NZS 60598.1: 2025 (Clause No. 14)
		Screwless Terminals and Electrical Connections	IS 10322 (Part 1):2026/ AS/NZS 60598.1: 2025 (Clause No. 15)
	Fixed general-purpose luminaires	General requirements	IS 10322(Part 5/Sec 1): 2026/AS / NZS 60598-2-1: 2014 (Clause No. 4)
		Classification of luminaires	IS 10322(Part 5/Sec 1): 2026/AS / NZS 60598-2-1: 2014 (Clause No. 5)
		Marking	IS 10322(Part 5/Sec 1): 2026/AS / NZS 60598-2-1: 2014(Clause No. 6)

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Electrical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Lamps Luminaries & Accessories		
		Construction	IS 10322(Part 5/Sec 1): 2026/AS / NZS 60598-2-1: 2014(Clause No. 7)
		Creepage distances & clearances	IS 10322(Part 5/Sec 1): 2026/AS / NZS 60598-2-1: 2014(Clause No. 8)
		Provision for earthing	IS 10322(Part 5/Sec 1): 2026/AS / NZS 60598-2-1: 2014(Clause No. 9)
	Fixed general-purpose luminaires	Terminals	IS 10322(Part 5/Sec 1): 2026/AS / NZS 60598-2-1: 2014(Clause No. 10)
		External & Internal Wiring	IS 10322(Part 5/Sec 1): 2026/AS / NZS 60598-2-1: 2014(Clause No. 11)
		Protection against electric shock	IS 10322(Part 5/Sec 1): 2026/AS / NZS 60598-2-1: 2014(Clause No. 12)
		Endurance test and thermal test	IS 10322(Part 5/Sec 1): 2026/AS / NZS 60598-2-1: 2014(Clause No. 13)
		Resistance to Dust and Moisture	IS 10322(Part 5/Sec 1): 2026/AS / NZS 60598-2-1: 2014(Clause No. 14)
		Insulation Resistance & Electric Strength	IS 10322(Part 5/Sec 1): 2026/AS / NZS 60598-2-1: 2014(Clause No. 15)
		Resistance to heat, fire and tracking	IS 10322(Part 5/Sec 1): 2026/AS / NZS 60598-2-1: 2014(Clause No. 16)

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Electrical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Lamps Luminaries & Accessories		
		General requirements	IEC 60598-2-1: 2025/ EN IEC 60598-2-1:2021 / BS EN IEC 60598-2-1:2021 (Clause No. 1.4)
		Classification of luminaires	IEC 60598-2-1: 2025/ EN IEC 60598-2-1:2021 / BS EN IEC 60598-2-1:2021 (Clause No. 1.5)
		Marking	IEC 60598-2-1: 2025/ EN IEC 60598-2-1:2021 / BS EN IEC 60598-2-1:2021 (Clause No. 1.6)
	Fixed general-purpose luminaires	Construction	IEC 60598-2-1:2025 (Clause No. 1.7)
		Creepage distances & clearances	IEC 60598-2-1: 2025/ EN IEC 60598-2-1:2021 / BS EN IEC 60598-2-1:2021 (Clause No. 1.8)
		Provision for earthing	IEC 60598-2-1: 2025/ EN IEC 60598-2-1:2021 / BS EN IEC 60598-2-1:2021 (Clause No. 1.9)
		Terminals	IEC 60598-2-1: 2025/ EN IEC 60598-2-1:2021 / BS EN IEC 60598-2-1:2021 (Clause No. 1.10)

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	Lamps Luminaries & Accessories		
		External & Internal Wiring	IEC 60598-2-1: 2025/ EN IEC 60598-2-1:2021 / BS EN IEC 60598-2-1:2021 (Clause No. 1.11)
		Protection against electric shock	IEC 60598-2-1: 2025/ EN IEC 60598-2-1:2021 / BS EN IEC 60598-2-1:2021 (Clause No. 1.12)
		Endurance test and thermal test	IEC 60598-2-1: 2025/ EN IEC 60598-2-1:2021 / BS EN IEC 60598-2-1:2021 (Clause No. 1.13)
		Resistance to Dust and Moisture	IEC 60598-2-1: 2025/ EN IEC 60598-2-1:2021 / BS EN IEC 60598-2-1:2021 (Clause No. 1.12)
	Fixed general-purpose luminaires	Insulation resistance and electric strength, touch current and protective conductor current	IEC 60598-2-1: 2025/ EN IEC 60598-2-1:2021 / BS EN IEC 60598-2-1:2021 (Clause No. 1.15)
		Resistance to Heat, Fire and Tracking	IEC 60598-2-1: 2025/ EN IEC 60598-2-1:2021 / BS EN IEC 60598-2-1:2021 (Clause No. 1.16)
	Portable General-Purpose Luminaire	General test requirements	IS 10322 (Part 5/Sec 4): 2026/ AS/NZS 60598-2-4: 2005 (Clause No. 4)

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	Lamps Luminaries & Accessories		
		Classification of luminaries	IS 10322 (Part 5/Sec 4): 2026/ AS/NZS 60598-2-4: 2005 (Clause No. 5)
		Marking	IS 10322 (Part 5/Sec 4): 2026/ AS/NZS 60598-2-4: 2005 (Clause No. 6)
		Construction	IS 10322 (Part 5/Sec 4): 2026/ AS/NZS 60598-2-4: 2005 (Clause No. 7)
		Creepage Distances & Clearance	IS 10322 (Part 5/Sec 4): 2026/ AS/NZS 60598-2-4: 2005 (Clause No. 8)
	Portable General-Purpose Luminaire	Provision of Earthing	IS 10322 (Part 5/Sec 4): 2026/ AS/NZS 60598-2-4: 2005 (Clause No. 9)
		Terminals	IS 10322 (Part 5/Sec 4): 2026/ AS/NZS 60598-2-4: 2005 (Clause No. 10)
		External and Internal Wiring	IS 10322 (Part 5/Sec 4): 2026/ AS/NZS 60598-2-4: 2005 (Clause No. 11)

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Electrical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Lamps Luminaries & Accessories		
		Protection Against Electric Shock Tests	IS 10322 (Part 5/Sec 4): 2026/ AS/NZS 60598-2-4: 2005 (Clause No. 12)
		Endurance Test and Thermal Test	IS 10322 (Part 5/Sec 4): 2026/ AS/NZS 60598-2-4: 2005 (Clause No. 13)
		Resistance to Dust and Moisture	IS 10322 (Part 5/Sec 4): 2026/ AS/NZS 60598-2-4: 2005 (Clause No. 14)
		Insulation Resistance & Electric Strength	IS 10322 (Part 5/Sec 4): 2026/ AS/NZS 60598-2-4: 2005 (Clause No. 15)
	Portable General-Purpose Luminaire	Resistance to Heat, Fire and Tracking	IS 10322 (Part 5/Sec 4): 2026/ AS/NZS 60598-2-4: 2005 (Clause No. 16)
		General test requirements	IS 10322 (Part 5/Sec 4): 2026 (Clause No. 4)
		Classification of luminaries	IEC 60598-2-4: 2017 EN 60598-2-4: 2018 (Clause No. 8.5)
		Marking	IEC 60598-2-4: 2017 EN 60598-2-4: 2018(Clause No. 8.6)

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Lamps Luminaries & Accessories		
		Construction	IEC 60598-2-4: 2017 EN 60598-2-4: 2018(Clause No. 8.7)
		Creepage Distances & Clearance	IEC 60598-2-4: 2017 EN 60598-2-4: 2018(Clause No. 8.8)
		Provision of Earthing	IEC 60598-2-4: 2017 EN 60598-2-4: 2018 (Clause No. 8.9)
		Terminals	IEC 60598-2-4: 2017 EN 60598-2-4: 2018(Clause No. 8.10)
		External and Internal Wiring	IEC 60598-2-4: 2017 EN 60598-2-4: 2018(Clause No. 8.11)
		Protection Against Electric Shock Tests	IEC 60598-2-4: 2017 EN 60598-2-4: 2018(Clause No. 8.12)
		Endurance Test and Thermal Test	IEC 60598-2-4: 2017 EN 60598-2-4: 2018(Clause No. 8.13)
	Portable General-Purpose Luminaire	Resistance to Dust and Moisture	IEC 60598-2-4: 2017 EN 60598-2-4: 2018(Clause No. 8.14)
		Insulation Resistance & Electric Strength	IEC 60598-2-4: 2017 EN 60598-2-4: 2018(Clause No. 8.15)
		Resistance to Heat, Fire and Tracking	IEC 60598-2-4: 2017 EN 60598-2-4: 2018(Clause No. 8.16)

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Electrical Testing			
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	Lamps Luminaries & Accessories		
	Particular Requirements - Handlamps	Classification of Luminaries	IS 10322 (Part 5/Sec 6): 2026 / AS/NZS 60598-2-8: 2015 (Clause No. 5)
		Marking	IS 10322 (Part 5/Sec 6): 2026 / AS/NZS 60598-2-8: 2015 (Clause No. 6)
		Construction	IS 10322 (Part 5/Sec 6): 2026 / AS/NZS 60598-2-8: 2015 (Clause No. 7)
		Creepage & Clearance Distances	IS 10322 (Part 5/Sec 6): 2026 / AS/NZS 60598-2-8: 2015 (Clause No.8)
		Provision of Earthing	IS 10322 (Part 5/Sec 6): 2026 / AS/NZS 60598-2-8: 2015 (Clause No. 9)
	Particular Requirements - Handlamps	Terminals	IS 10322 (Part 5/Sec 6): 2026 / AS/NZS 60598-2-8: 2015 (Clause No. 10)
		External and Internal Wiring	IS 10322 (Part 5/Sec 6): 2026 / AS/NZS 60598-2-8: 2015 (Clause No. 11)

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	Lamps Luminaries & Accessories		
		Protection Against Electric Shock Tests	IS 10322 (Part 5/Sec 6): 2026 / AS/NZS 60598-2-8: 2015 (Clause No. 12)
		Endurance Test and Thermal Test	IS 10322 (Part 5/Sec 6): 2026 / AS/NZS 60598-2-8: 2015 (Clause No. 13)
		Resistance to Dust and Moisture	IS 10322 (Part 5/Sec 6): 2026 / AS/NZS 60598-2-8: 2015 (Clause No. 14)
		Insulation Resistance & Electric Strength	IS 10322 (Part 5/Sec 6): 2026 / AS/NZS 60598-2-8: 2015 (Clause No. 15)
		Resistance to Heat, Fire and Tracking	IS 10322 (Part 5/Sec 6): 2026 / AS/NZS 60598-2-8: 2015 (Clause No. 16)
		Classification of Luminaries	IEC 60598-2-8: 2013 EN 60598-2-8: 2013(Clause No. 8.5)
	Particular Requirements - Handlamps	Marking	IEC 60598-2-8: 2013 EN 60598-2-8: 2013(Clause No. 8.6)
		Construction	IEC 60598-2-8: 2013 EN 60598-2-8: 2013(Clause No. 8.7)

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Electrical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Lamps Luminaries & Accessories		
		Creepage & Clearance Distances	IEC 60598-2-8: 2013 EN 60598-2-8: 2013(Clause No. 8.8)
		Provision of Earthing	IEC 60598-2-8: 2013 EN 60598-2-8: 2013(Clause No. 8.9)
		Terminals	IEC 60598-2-8: 2013 EN 60598-2-8: 2013(Clause No. 8.10)
		External and Internal Wiring	IEC 60598-2-8: 2013 EN 60598-2-8: 2013(Clause No. 8.11)
		Protection Against Electric Shock Tests	IEC 60598-2-8: 2013 EN 60598-2-8: 2013(Clause No. 8.12)
		Endurance Test and Thermal Test	IEC 60598-2-8: 2013 EN 60598-2-8: 2013(Clause No. 8.13)
		Resistance to Dust and Moisture	IEC 60598-2-8: 2013 EN 60598-2-8: 2013(Clause No. 8.14)
		Insulation Resistance & Electric Strength	IEC 60598-2-8: 2013 EN 60598-2-8: 2013(Clause No. 8.15)
		Resistance to Heat, Fire and Tracking	IEC 60598-2-8: 2013 EN 60598-2-8: 2013(Clause No. 8.16)
	Lighting Chains	Classification of Luminaries	IS 10322 (Part 5/Sec 7): 2026 / AS/NZS 60598-2-20: 2018 (Clause No. 5)

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Electrical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Lamps Luminaries & Accessories		
		Marking	IS 10322 (Part 5/Sec 7): 2026 / AS/NZS 60598-2-20: 2018 (Clause No. 6)
		Construction	IS 10322 (Part 5/Sec 7): 2026 / AS/NZS 60598-2-20: 2018 (Clause No. 7)
		Creepage & Clearance Distances	IS 10322 (Part 5/Sec 7): 2026 / AS/NZS 60598-2-20: 2018 (Clause No. 8)
		Provision of Earthing	IS 10322 (Part 5/Sec 7): 2026 / AS/NZS 60598-2-20: 2018 (Clause No. 9)
		Terminals	IS 10322 (Part 5/Sec 7): 2026 / AS/NZS 60598-2-20: 2018 (Clause No. 10)
		External and Internal Wiring	IS 10322 (Part 5/Sec 7): 2026 / AS/NZS 60598-2-20: 2018 (Clause No. 11)
	Lighting Chains	Protection Against Electric Shock Tests	IS 10322 (Part 5/Sec 7): 2026 / AS/NZS 60598-2-20: 2018 (Clause No. 12)

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Lamps Luminaries & Accessories		
		Endurance Test and Thermal Test	IS 10322 (Part 5/Sec 7): 2026 / AS/NZS 60598-2-20: 2018 (Clause No. 13)
		Resistance to Dust and Moisture	IS 10322 (Part 5/Sec 7): 2026 / AS/NZS 60598-2-20: 2018 (Clause No. 14)
		Insulation Resistance & Electric Strength	IS 10322 (Part 5/Sec 7): 2026 / AS/NZS 60598-2-20: 2018 (Clause No. 15)
		Resistance to Heat, Fire and Tracking	IS 10322 (Part 5/Sec 7): 2026 / AS/NZS 60598-2-20: 2018 (Clause No. 16)
		Classification of Luminaries	IEC 60598-2-20: 2022/ BS EN 60598-2-20: 2015 (Clause No. 8.5)
		Marking	IEC 60598-2-20: 2022/ BS EN 60598-2-20: 2015(Clause No. 8.6)
		Construction	IEC 60598-2-20: 2022/ BS EN 60598-2-20: 2015 (Clause No. 8.7)
		Creepage & Clearance Distances	IEC 60598-2-20: 2022/ BS EN 60598-2-20: 2015 (Clause No. 8.8)

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Lamps Luminaries & Accessories		
	Lighting Chains	Provision of Earthing	IEC 60598-2-20: 2022/ BS EN 60598-2-20: 2015(Clause No. 8.9)
		Terminals	IEC 60598-2-20: 2022/ BS EN 60598-2-20: 2015(Clause No. 8.10)
		External and Internal Wiring	IEC 60598-2-20: 2022/ BS EN 60598-2-20: 2015(Clause No. 8.11)
		Protection Against Electric Shock Tests	IEC 60598-2-20: 2022/ BS EN 60598-2-20: 2015 (Clause No. 8.12)
		Endurance Test and Thermal Test	IEC 60598-2-20: 2022/ BS EN 60598-2-20: 2015(Clause No. 8.13)
		Resistance to Dust and Moisture	IEC 60598-2-20: 2022/ BS EN 60598-2-20: 2015(Clause No. 8.14)
		Insulation Resistance & Electric Strength	IEC 60598-2-20: 2022/ BS EN 60598-2-20: 2015(Clause No. 8.15)
		Resistance to Heat, Fire and Tracking	IEC 60598-2-20: 2022/ BS EN 60598-2-20: 2015(Clause No. 8.16)
	Rope Lights	Classification of Luminaires	Cl. 21.5 of IS 10322 (Part 5/ Sec 9): 2017 / IEC 60598-2-21:2014/ BS EN 60598-2-21:2015/ EN 60598-2-21:2015/ SNZ AS/NZS 60598-2-21: 2018

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Lamps Luminaries & Accessories		
		Construction	Cl. 21.7 of IS 10322 (Part 5/ Sec 9): 2017 / IEC 60598-2-21:2014/ BS EN 60598-2-21:2015/ EN 60598-2-21:2015/ SNZ AS/NZS 60598-2-21: 2018
		Creepage Distance and Clearance	Cl. 21.8 of IS 10322 (Part 5/ Sec 9): 2017 / IEC 60598-2-21:2014/ BS EN 60598-2-21:2015/ EN 60598-2-21:2015/ SNZ AS/NZS 60598-2-21: 2018
		Endurance Tests and Thermal Tests	Cl. 21.13 of IS 10322 (Part 5/ Sec 9): 2017 / IEC 60598-2-21:2014/ BS EN 60598-2-21:2015/ EN 60598-2-21:2015/ SNZ AS/NZS 60598-2-21: 2018
		External and Internal Wiring	Cl. 21.11 of IS 10322 (Part 5/ Sec 9): 2017 / IEC 60598-2-21:2014/ BS EN 60598-2-21:2015/ EN 60598-2-21:2015/ SNZ AS/NZS 60598-2-21 : 2018
		Insulation Resistance and Electric Strength	Cl. 21.15 of IS 10322 (Part 5/ Sec 9): 2017 / IEC 60598-2-21:2014/ BS EN

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Lamps Luminaries & Accessories		
			60598-2-21:2015/ EN 60598-2-21:2015/ SNZ AS/NZS 60598-2-21 : 2018
	Rope Lights	Marking	Cl. 21.6 of IS 10322 (Part 5/ Sec 9): 2017 / IEC 60598-2-21:2014/ BS EN 60598-2-21:2015/ EN 60598-2-21:2015/ SNZ AS/NZS 60598-2-21: 2018
		Protection against Electric Shock	Cl. 21.12 of IS 10322 (Part 5/ Sec 9): 2017 / IEC 60598-2-21:2014/ BS EN 60598-2-21:2015/ EN 60598-2-21:2015/ SNZ AS/NZS 60598-2-21: 2018
		Resistance to Dust and Moisture	Cl. 21.14 of IS 10322 (Part 5/ Sec 9): 2017 / IEC 60598-2-21:2014/ BS EN 60598-2-21:2015/ EN 60598-2-21:2015/ SNZ AS/NZS 60598-2-21: 2018
		Resistance to Heat, Fire and Tracking	Cl. 21. 16 of IS 10322 (Part 5/ Sec 9): 2017 / IEC 60598-2-21:2014/ BS EN 60598-2-21:2015/ EN 60598-2-

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	Lamps Luminaries & Accessories		
			21:2015/ SNZ AS/NZS 60598-2-21: 2018
		Terminals	Cl. 21. 10 of IS 10322 (Part 5/ Sec 9): 2017 / IEC 60598-2-21:2014/ BS EN 60598-2-21:2015/ EN 60598-2-21:2015/ SNZ AS/NZS 60598-2-21: 2018
	LED modules for general lighting - safety specifications	Marking	IS 16103 (P-1):2025 /IEC 62031: 2018/EN IEC 62031:2020 (Clause No. 6)
		Terminals	IS 16103 (P-1):2025 /IEC 62031: 2018/EN IEC 62031:2020 (Clause No. 7)
		Earthing	IS 16103 (P-1):2025 /IEC 62031: 2018/EN IEC 62031:2020 (Clause No. 8)
		Protection against accidental contact with live parts	IS 16103 (P-1):2025 /IEC 62031: 2018/EN IEC 62031:2020 (Clause No. 9)
		Moisture Resistance and Insulation	IS 16103 (P-1):2025 /IEC 62031: 2018/EN IEC 62031:2020 (Clause No. 10)

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Electrical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Lamps Luminaries & Accessories		
		Electric Strength	IS 16103 (P-1):2025 /IEC 62031: 2018/EN IEC 62031:2020 (Clause No. 11)
		Fault Conditions	IS 16103 (P-1):2025 /IEC 62031: 2018/EN IEC 62031:2020 (Clause No. 12)
	LED modules for general lighting - safety specifications	Construction	IS 16103 (P-1):2025 /IEC 62031: 2018/EN IEC 62031:2020 (Clause No. 14)
		Creepage distances and Clearances	IS 16103 (P-1):2025 /EC 62031: 2018/EN IEC 62031:2020 (Clause No. 15)
		Screws current-carrying parts and connections	IS 16103 (P-1):2025 /IEC 62031: 2018/EN IEC 62031:2020 (Clause No. 16)
		Resistance to heat, fire and tracking test	IS 16103 (P-1):2025 /IEC 62031: 2018/EN IEC 62031:2020 (Clause No. 17)
		Resistance to corrosion	IS 16103 (P-1):2025 /IEC 62031: 2018/EN IEC 62031:2020 (Clause No. 18)

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Electrical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Lamps Luminaries & Accessories		
	Control gear for electric light sources	Classification	Cl. 6 of IS 15885 (Part 1):2011
		Marking	Cl. 7 of IS 15885 (Part 1):2011
		Terminals	Cl. 8 of IS 15885 (Part 1):2011
		Provision for protective earthing	Cl. 9 of IS 15885 (Part 1):2011
		Protection against accidental contact with live parts	Cl. 10 of IS 15885 (Part 1):2011
	Control gear for electric light sources	Moisture resistance and insulation	Cl.11 of IS 15885 (Part 1):2011
		Electric Strength	Cl. 12 of IS 15885 (Part 1):2011
		Thermal endurance test for windings of ballasts	Cl. 13 of IS 15885 (Part 1):2011
		Fault Conditions	Cl. 14 of IS 15885 (Part 1):2011
		Construction	Cl. 15 of IS 15885 (Part 1):2011
		Creepage distances, clearances and distances through insulation	Cl. 16 of IS 15885 (Part 1):2011
		Screws, current-carrying parts and connections	Cl. 17 of IS 15885 (Part 1):2011

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Electrical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Lamps Luminaries & Accessories		
	Control gear for electric light sources - Safety - Part 1: General requirements	Resistance to heat, fire and tracking	Cl. 18 of IS 15885 (Part 1):2011
		Resistance to corrosion	Cl. 19 of IS 15885 (Part 1):2011
		Information and Marking	IEC 61347-1: 2024/ EN IEC 61347-1:2024/ (Clause No. 6)
		Terminals	IEC 61347-1: 2024/ EN IEC 61347-1:2024/ (Clause No. 7)
		Earthing	IEC 61347-1: 2024/ EN IEC 61347-1:2024/ (Clause No. 8)
	Control gear for electric light sources - Safety - Part 1: General requirements	Protection against accidental contact with live parts	IEC 61347-1: 2024/ EN IEC 61347-1:2024/ (Clause No. 9)
		Insulation resistance and electric strength	IEC 61347-1: 2024/ EN IEC 61347-1:2024/ (Clause No. 10)
		Fault Conditions	IEC 61347-1: 2024/ EN IEC 61347-1:2024/ (Clause No. 11)
		Construction	IEC 61347-1: 2024/ EN IEC 61347-1:2024/ (Clause No. 12)
		Creepage distances and clearances test	IEC 61347-1: 2024/ EN IEC 61347-1:2024/ (Clause No. 13)

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Electrical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Lamps Luminaries & Accessories		
		Screws, current-carrying parts and connections	IEC 61347-1: 2024/ EN IEC 61347-1:2024/ (Clause No. 14)
		Resistance to heat, fire and tracking	IEC 61347-1: 2024/ EN IEC 61347-1:2024/ (Clause No. 15)
		Thermal Requirements	IEC 61347-1: 2024/ EN IEC 61347-1:2024/ (Clause No. 16)
	Lamp Control gear, D.C or A.C. Supplied Electronic Control gear for LED modules, Particular Additional Requirements for control gears providing SELV	Classification	Cl. 6 of IS 15885 (Part 2/Sec 13):2012
	Lamp Control gear, D.C or A.C. Supplied Electronic Control gear for LED modules, Particular Additional Requirements for control gears providing SELV	Marking	Cl. 7 of IS 15885 (Part 2/Sec 13):2012
		Protection against accidental contacts with live parts	Cl. 8 of IS 15885 (Part 2/Sec 13):2012
		Terminals	Cl. 9 of IS 15885 (Part 2/Sec 13):2012
		Provision for protective earthing	Cl. 10 of IS 15885 (Part 2/Sec 13):2012
		Moisture resistance and insulation	Cl. 11 of IS 15885 (Part 2/Sec 13):2012

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Electrical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Lamps Luminaries & Accessories		
		Electric Strength	Cl. 12 of IS 15885 (Part 2/Sec 13):2012
		Thermal endurance test for windings of ballasts	Cl. 13 of IS 15885 (Part 2/Sec 13):2012
		Fault Conditions	Cl. 14 of IS 15885 (Part 2/Sec 13):2012
		Transformer Heating	Cl. 15 of IS 15885 (Part 2/Sec 13):2012
		Construction	Cl. 16 of IS 15885 (Part 2/Sec 13):2012
		Creepage distances and clearance test	Cl. 17 of IS 15885 (Part 2/Sec 13):2012
		Screws, current-carrying parts and connections	Cl. 18 of IS 15885 (Part 2/Sec 13):2012
	Lamp Control gear, D.C or A.C. Supplied Electronic Control gear for LED modules, Particular Additional Requirements for control gears providing SELV	Resistance to heat, fire and tracking	Cl. 19 of IS 15885 (Part 2/Sec 13):2012
		Resistance to corrosion	Cl. 20 of IS 15885 (Part 2/Sec 13):2012

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Lamps Luminaries & Accessories		
	Electronic control gear for LED light sources	Information and Marking	Cl. 6 of IEC 61347 (Part 2/Sec 13):2024/EN IEC 61347 (Part 2/Sec 13):2024
		Terminals	Cl. 7 of IEC 61347 (Part 2/Sec 13):2024/EN IEC 61347 (Part 2/Sec 13):2024
		Earthing	Cl. 8 of IEC 61347 (Part 2/Sec 13):2024/EN IEC 61347 (Part 2/Sec 13):2024
		Protection against accidental contact with live parts	Cl. 9 of IEC 61347 (Part 2/Sec 13):2024/EN IEC 61347 (Part 2/Sec 13):2024
		Insulation resistance and electric strength	Cl. 10 of IEC 61347 (Part 2/Sec 13):2024/EN IEC 61347 (Part 2/Sec 13):2024
	Electronic control gear for LED light sources	Fault Conditions	Cl. 11 of IEC 61347 (Part 2/Sec 13):2024/EN IEC 61347 (Part 2/Sec 13):2024
		Construction	Cl. 12 of IEC 61347 (Part 2/Sec 13):2024/EN IEC 61347 (Part 2/Sec 13):2024

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Lamps Luminaries & Accessories		
		Creepage distances and clearance test	Cl. 13 of IEC 61347 (Part 2/Sec 13):2024/EN IEC 61347 (Part 2/Sec 13):2024
		Screws, current-carrying parts and connections	Cl. 14 of IEC 61347 (Part 2/Sec 13):2024/EN IEC 61347 (Part 2/Sec 13):2024
		Resistance to heat, fire and tracking	Cl. 15 of IEC 61347 (Part 2/Sec 13):2024/EN IEC 61347 (Part 2/Sec 13):2024
		Thermal Requirements	Cl. 16 of IEC 61347 (Part 2/Sec 13):2024/EN IEC 61347 (Part 2/Sec 13):2024
	Particular Requirements - Recessed luminaires and recessed air-handling luminaires	Classification of luminaries	EN IEC 60598-2-2 (Clause No. 2.5): 2024
	Particular Requirements - Recessed luminaires and	Marking	EN IEC 60598-2-2 (Clause No. 2.6): 2024
		Construction	EN IEC 60598-2-2 (Clause No. 2.7): 2024

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Lamps Luminaries & Accessories		
	recessed air-handling luminaires	Creepage Distances & Clearance	EN IEC 60598-2-2 (Clause No. 2.8): 2024
		Provision of Earthing	EN IEC 60598-2-2 (Clause No. 2.9): 2024
		Terminals	EN IEC 60598-2-2 (Clause No. 2.10): 2024
		External and Internal Wiring	EN IEC 60598-2-2 (Clause No. 2.11): 2024
		Protection Against Electric Shock Tests	EN IEC 60598-2-2 (Clause No. 2.12): 2024
		Endurance Test and Thermal Test	EN IEC 60598-2-2 (Clause No. 2.13): 2024
		Resistance to Dust and Moisture	EN IEC 60598-2-2 (Clause No. 2.14): 2024
		Insulation Resistance & Electric Strength	EN IEC 60598-2-2 (Clause No. 2.15): 2024
		Resistance to Heat, Fire and Tracking	EN IEC 60598-2-2 (Clause No. 2.16): 2024
		Classification of luminaries	IEC 60598-2-2 (Clause No. 2.5): 2023
	Particular Requirements - Recessed luminaires and	Marking	IEC 60598-2-2 (Clause No. 2.6): 2023
		Construction	IEC 60598-2-2 (Clause No. 2.7): 2023

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Electrical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Lamps Luminaries & Accessories		
	recessed air-handling luminaires	Creepage Distances & Clearance	IEC 60598-2-2 (Clause No. 2.8): 2023
		Provision of Earthing	IEC 60598-2-2 (Clause No. 2.9): 2023
		Terminals	IEC 60598-2-2 (Clause No. 2.10): 2023
		Protection Against Electric Shock Tests	IEC 60598-2-2 (Clause No. 2.12): 2023
		Endurance Test and Thermal Test	IEC 60598-2-2 (Clause No. 2.13): 2023
		Resistance to Dust and Moisture	IEC 60598-2-2 (Clause No. 2.14): 2023
		Insulation Resistance & Electric Strength	IEC 60598-2-2 (Clause No. 2.15): 2023
		Insulation Resistance & Electric Strength	IEC 60598-2-2 (Clause No. 2.15): 2023
		Resistance to Heat, Fire and Tracking	IEC 60598-2-2 (Clause No. 2.16): 2023
		Resistance to Heat, Fire and Tracking	IEC 60598-2-2 (Clause No. 2.16): 2023
		Classification of luminaries	AS/NZS 60598.2.2 + Amdt 2:2021 (Clause No. 2.5): 2020

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Electrical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Lamps Luminaries & Accessories		
	Particular Requirements - Recessed luminaires	Marking	AS/NZS 60598.2.2 + Amdt 2:2021 (Clause No. 2.6): 2020
		Construction	AS/NZS 60598.2.2 + Amdt 2:2021 (Clause No. 2.7): 2020
		Creepage Distances & Clearance	AS/NZS 60598.2.2 + Amdt 2:2021 (Clause No. 2.8): 2020
		Provision of Earthing	AS/NZS 60598.2.2 + Amdt 2:2021 (Clause No. 2.9): 2020
		Terminals	AS/NZS 60598.2.2 + Amdt 2:2021 (Clause No. 2.10): 2020
		External and Internal Wiring	AS/NZS 60598.2.2 + Amdt 2:2021 (Clause No. 2.11): 2020
		Protection Against Electric Shock Tests	AS/NZS 60598.2.2 + Amdt 2:2021 (Clause No. 2.12): 2020
		Endurance Test and Thermal Test	AS/NZS 60598.2.2 + Amdt 2:2021 (Clause No. 2.13): 2020
		Resistance to Dust and Moisture	AS/NZS 60598.2.2 + Amdt 2:2021 (Clause No. 2.14): 2016
		Insulation Resistance & Electric Strength	AS/NZS 60598.2.2 + Amdt 2:2021 (Clause No. 2.15): 2020
		Insulation Resistance & Electric Strength	AS/NZS 60598.2.2 + Amdt 2:2021 (Clause No. 2.15): 2020

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Electrical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Lamps Luminaries & Accessories		
		Resistance to Heat, Fire and Tracking	AS/NZS 60598.2.2 + Amdt 2:2021 (Clause No. 2.16): 2020
		Resistance to Heat, Fire and Tracking	AS/NZS 60598.2.2 + Amdt 2:2021 (Clause No. 2.16): 2020
	Particular Requirements - Luminaries for road and street lighting	Classification of Luminaries	IEC 60598-2-3 (Clause No. 3.4):2002 + AMD1: 2011
		Marking	IEC 60598-2-3 (Clause No. 3.5):2002 + AMD1: 2011
		Construction	IEC 60598-2-3 (Clause No. 3.6):2002 + AMD1: 2011
		Creepage Distances & Clearance	IEC 60598-2-3 (Clause No. 3.7):2002 + AMD1: 2011
		Provision of Earthing	IEC 60598-2-3 (Clause No. 3.8):2002 + AMD1: 2011
		Terminals	IEC 60598-2-3 (Clause No. 3.9):2002 + AMD1: 2011
		External and Internal Wiring	IEC 60598-2-3 (Clause No. 10):2002 + AMD1: 2011
		Protection Against Electric Shock Tests	IEC 60598-2-3 (Clause No. 3.11):2002 + AMD1: 2011
		Endurance Test and Thermal Test	IEC 60598-2-3 (Clause No. 3.12):2002 + AMD1: 2011

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Lamps Luminaries & Accessories		
	Particular Requirements - Luminaries for road and street lighting	Resistance to Dust, Solid Objects and Moisture	IEC 60598-2-3 (Clause No. 3.13):2002 + AMD1: 2011
		Insulation Resistance & Electric Strength	IEC 60598-2-3 (Clause No. 3.14):2002 + AMD1: 2011
		Insulation Resistance & Electric Strength	IEC 60598-2-3 (Clause No. 3.14):2002 + AMD1: 2011
		Resistance to Heat, Fire and Tracking	IEC 60598-2-3 (Clause No. 3.15):2002 + AMD1: 2011
		Resistance to Heat, Fire and Tracking	IEC 60598-2-3 (Clause No. 3.15):2002 + AMD1: 2011
		Classification of Luminaries	EN 60598-2-3 (Clause No. 3.4):2003 + A1: 2011
		Marking	EN 60598-2-3 (Clause No. 3.5):2003 + A1: 2011
		Construction	EN 60598-2-3 (Clause No. 3.6):2003 + A1: 2011
		Endurance Test and Thermal Test	EN 60598-2-3 (Clause No. 3.12):2003 + A1: 2011
		Resistance to Dust, Solid Objects and Moisture	EN 60598-2-3 (Clause No. 3.13):2003 + A1: 2011
		Insulation Resistance & Electric Strength	EN 60598-2-3 (Clause No. 3.14):2003 + A1: 2011

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Electrical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Lamps Luminaries & Accessories		
	Particular Requirements - Luminaries for road and street lighting	Resistance to Heat, Fire and Tracking	EN 60598-2-3 (Clause No. 3.15):2003 + A1: 2011
		Resistance to Heat, Fire and Tracking	EN 60598-2-3 (Clause No. 3.15):2003 + A1: 2011
		Classification of Luminaries	BS EN 60598-2-3 (Clause No. 3.4):2003 + A1: 2011
		Marking	BS EN 60598-2-3 (Clause No. 3.5):2003 + A1: 2011
		Construction	BS EN 60598-2-3 (Clause No. 3.6):2003 + A1: 2011
		Creepage Distances & Clearance	BS EN 60598-2-3 (Clause No. 3.7):2003 + A1: 2011
		Provision of Earthing	BS EN 60598-2-3 (Clause No. 3.8):2003 + A1: 2011
		Terminals	BS EN 60598-2-3 (Clause No. 3.9):2003 + A1: 2011
		External and Internal Wiring	BS EN 60598-2-3 (Clause No. 3.10):2003 + A1: 2011
		Protection Against Electric Shock Tests	BS EN 60598-2-3 (Clause No. 3.11):2003 + A1: 2011
		Endurance Test and Thermal Test	BS EN 60598-2-3 (Clause No. 3.12):2003 + A1: 2011

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	Lamps Luminaries & Accessories		
	Particular Requirements - Luminaries for road and street lighting	Resistance to Dust, Solid Objects and Moisture	BS EN 60598-2-3 (Clause No. 3.13):2003 + A1: 2011
		Insulation Resistance & Electric Strength	BS EN 60598-2-3 (Clause No. 3.14):2003 + A1: 2011
		Insulation Resistance & Electric Strength	BS EN 60598-2-3 (Clause No. 3.14):2003 + A1: 2011
		Resistance to Heat, Fire and Tracking	BS EN 60598-2-3 (Clause No. 3.15):2003 + A1: 2011
		Resistance to Heat, Fire and Tracking	BS EN 60598-2-3 (Clause No. 3.15):2003 + A1: 2011
	Self-ballasted LED lamps for general lighting services	Marking	IS 16102: Part 1: 2026 (Clause 5)
		Interchangeability	IS 16102: Part 1: 2026 (Clause 6)
		Protection against accidental contact with live part	IS 16102: Part 1: 2026 (Clause 7)
		Insulation resistance and electric strength after humidity treatment	IS 16102: Part 1: 2026 (Clause 8)
		Mechanical Strength	IS 16102 (Part 1): 2026 (Clause 9)
		Cap temperature rise	IS 16102 (Part 1): 2026 (Clause 10)
		Resistance to heat	IS 16102 (Part 1): 2026 (Clause 11)

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Lamps Luminaries & Accessories		
	Self-ballasted LED lamps for general lighting services	Resistance to flame and ignition	IS 16102 (Part 1): 2026 (Clause 12)
		Fault conditions	IS 16102 (Part 1): 2026(Clause 13)
		Creepage distances and clearances	IS 16102 (Part 1): 2026 (Clause 14)
	Particular Requirements - Recessed Luminaries	Classification of luminaries	IS 10322 (Part 5/Sec 2): 2026 (Clause No. 5)
		Marking	IS 10322 (Part 5/Sec 2): 2026 (Clause No. 6)
		Construction	IS 10322 (Part 5/Sec 2): 2026 (Clause No. 7)
		Creepage Distances & Clearance	IS 10322 (Part 5/Sec 2): 2026 (Clause No. 8)
		Provision of Earthing	IS 10322 (Part 5/Sec 2): 2026 (Clause No. 9)
		Terminals	IS 10322 (Part 5/Sec 2): 2026 (Clause No. 10)
		External and Internal Wiring	IS 10322 (Part 5/Sec 2):2026 (Clause No. 11)
		Protection Against Electric Shock Tests	IS 10322 (Part 5/Sec 2):2026 (Clause No. 12)

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Electrical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Lamps Luminaries & Accessories		
		Endurance Test and Thermal Test	IS 10322 (Part 5/Sec 2):2026 (Clause No. 13)
	Particular Requirements - Recessed Luminaries	Resistance to Dust and Moisture	IS 10322 (Part 5/Sec 2):2026 (Clause No. 14)
		Insulation Resistance & Electric Strength	IS 10322 (Part 5/Sec 2):2026 (Clause No.15)
		Insulation Resistance & Electric Strength	IS 10322 (Part 5/Sec 2):2026 (Clause No.15)
		Resistance to Heat, Fire and Tracking	IS 10322 (Part 5/Sec 2):2026 (Clause No. 16)
		Resistance to Heat, Fire and Tracking	IS 10322 (Part 5/Sec 2):2026 (Clause No. 16)
	Luminaires - Part 5 Particular Requirements - Section 3 Luminaires for Road and Street Lighting	Classification of luminaries	IS 10322 (Part 5/Sec 3): 2026 (Clause No. 5)
		Marking	IS 10322 (Part 5/Sec 3): 2026 (Clause No. 6)
		Construction	IS 10322 (Part 5/Sec 3): 2026 (Clause No. 7)
		Creepage Distances & Clearance	IS 10322 (Part 5/Sec 3): 2026 (Clause No. 8)
		Provision of Earthing	IS 10322 (Part 5/Sec 3): 2026 (Clause No. 9)

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Lamps Luminaries & Accessories		
		Terminals	IS 10322 (Part 5/Sec 3): 2026 (Clause No. 10)
	Luminaires - Part 5 Particular Requirements - Section 3 Luminaires for Road and Street Lighting	External and Internal Wiring	IS 10322 (Part 5/Sec 3):2026 (Clause No. 11)
		Protection Against Electric Shock Tests	IS 10322 (Part 5/Sec 3):2026 (Clause No. 12)
		Endurance Test and Thermal Test	IS 10322 (Part 5/Sec 3):2026 (Clause No. 13)
		Resistance to Dust and Moisture	IS 10322 (Part 5/Sec 3):2026 (Clause No. 14)
		Insulation Resistance & Electric Strength	IS 10322 (Part 5/Sec 3):2026 (Clause No.15)
		Insulation Resistance & Electric Strength	IS 10322 (Part 5/Sec 3):2026 (Clause No.15)
		Resistance to Heat, Fire and Tracking	IS 10322 (Part 5/Sec 3):2026 (Clause No. 16)
	Luminaires - Part 5 Particular Requirements - Section 5 Floodlights	Classification of luminaries	IS 10322 (Part 5/Sec 5): 2026 (Clause No. 5)
		Marking	IS 10322 (Part 5/Sec 5): 2026 (Clause No. 6)
		Construction	IS 10322 (Part 5/Sec 5): 2026 (Clause No. 7)

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Lamps Luminaries & Accessories		
		Creepage Distances & Clearance	IS 10322 (Part 5/Sec 5): 2026 (Clause No. 8)
	Luminaires - Part 5 Particular Requirements - Section 5 Floodlights	Provision of Earthing	IS 10322 (Part 5/Sec 5): 2026 (Clause No. 9)
		Terminals	IS 10322 (Part 5/Sec 5): 2026 (Clause No. 10)
		External and Internal Wiring	IS 10322 (Part 5/Sec 5): 2026 (Clause No. 11)
		Protection Against Electric Shock Tests	IS 10322 (Part 5/Sec 5): 2026 (Clause No. 12)
		Endurance Test and Thermal Test	IS 10322 (Part 5/Sec 5): 2026 (Clause No. 13)
		Resistance to Dust and Moisture	IS 10322 (Part 5/Sec 5): 2026 (Clause No. 14)
		Insulation Resistance & Electric Strength	IS 10322 (Part 5/Sec 5): 2026 (Clause No. 15)
		Insulation Resistance & Electric Strength	IS 10322 (Part 5/Sec 5): 2026 (Clause No. 15)
		Resistance to Heat, Fire and Tracking	IS 10322 (Part 5/Sec 5): 2026 (Clause No. 16)
		Classification of luminaries	IS 10322 (Part 5/Sec 8): 2026 (Clause No. 5)

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Lamps Luminaries & Accessories		
	Luminaires - Part 5 Particular Requirements - Section 8 Luminaires for Emergency Lighting	Marking	IS 10322 (Part 5/Sec 8): 2026 (Clause No. 6)
		Construction	IS 10322 (Part 5/Sec 8): 2026 (Clause No. 7)
		Creepage Distances & Clearance	IS 10322 (Part 5/Sec 8): 2026 (Clause No. 8)
		Provision of Earthing	IS 10322 (Part 5/Sec 8): 2026 (Clause No. 9)
		Terminals	IS 10322 (Part 5/Sec 8): 2026 (Clause No. 10)
		External and Internal Wiring	IS 10322 (Part 5/Sec 8): 2026 (Clause No. 11)
		Protection Against Electric Shock Tests	IS 10322 (Part 5/Sec 8): 2026 (Clause No. 12)
		Endurance Test and Thermal Test	IS 10322 (Part 5/Sec 8): 2026 (Clause No. 13)
		Resistance to Dust and Moisture	IS 10322 (Part 5/Sec 8): 2026 (Clause No. 14)
		Insulation Resistance & Electric Strength	IS 10322 (Part 5/Sec 8): 2026 (Clause No. 15)
		Insulation Resistance & Electric Strength	IS 10322 (Part 5/Sec 8): 2026 (Clause No. 15)

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Lamps Luminaries & Accessories		
		Resistance to Heat, Fire and Tracking	IS 10322 (Part 5/Sec 8): 2026 (Clause No. 16)

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	Power System and Stabilizers		
1.	Uninterruptible Power Systems (UPS)	Short-circuit and overload protection	Cl. 4.3 of IS 16242-1: 2025/ IEC 62040-1:2017
2.		AC input current	Cl. 4.3.101 of IS 16242-1: 2025/ IEC 62040-1:2017
3.		Transformer protection	Cl. 4.3.102 of IS 16242-1: 2025/ IEC 62040-1:2017
4.		AC input short-circuits current	Cl. 4.3.103 of IS 16242-1: 2025/ IEC 62040-1:2017
5.		Protection of the energy storage device	Cl. 4.3.104 of IS 16242-1: 2025/ IEC 62040-1:2017
6.		Unsynchronised load transfer	Cl. 4.3.105 of IS 16242-1: 2025/ IEC 62040-1:2017
7.		Protection against electric shock	Cl. 4.4 of IS 16242-1: 2025/ IEC 62040-1:2017
8.		Selection tables for contact area and skin humidity condition	Cl. 4.4.2.2.2 of IS 16242-1: 2025/ IEC 62040-1:2017
9.		Protection by means of enclosures or barriers-Openings	Cl. 4.4.3.3 of IS 16242-1: 2025/ IEC 62040-1:2017
10.		Influencing factors	Cl. 4.4.7.1.1 of IS 16242-1: 2025/ IEC 62040-1:2017

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	Power System and Stabilizers		
11.		Pollution degree	Cl. 4.4.7.1.2 of IS 16242-1: 2025/ IEC 62040-1:2017
12.	Uninterruptible Power Systems (UPS)	Overvoltage category (OVC	Cl. 4.4.7.1.3 of IS 16242-1: 2025/ IEC 62040-1:2017
13.		PWB spacings for functional insulation	Cl. 4.4.7.7 of IS 16242-1: 2025/ IEC 62040-1:2017
14.		Capacitor discharge	Cl. 4.4.9 of IS 16242-1: 2025/ IEC 62040-1:2017
15.		Service access areas	Cl. 4.5.2 of IS 16242-1: 2025/ IEC 62040-1:2017
16.		Protection against fire and thermal hazards	Cl. 4.6 of IS 16242-1: 2025/ IEC 62040-1:2017
17.		Components within a circuit representing a fire hazard	Cl. 4.6.2.2 of IS 16242-1: 2025/ IEC 62040-1:2017
18.		General	Cl. 4.6.3.1 of IS 16242-1: 2025/ IEC 62040-1:2017
19.		Flammability of enclosure materials	Cl. 4.6.3.2 of IS 16242-1: 2025/ IEC 62040-1:2017
20.		Openings in the top and side of fire enclosures	Cl. 4.6.3.3.2 of IS 16242-1: 2025/ IEC 62040-1:2017
21.		Temperature limits- Internal parts	Cl. 4.6.4.1 of IS 16242-1: 2025/ IEC 62040-1:2017

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Power System and Stabilizers		
22.		Limited power sources	Cl. 4.6.5 of IS 16242-1: 2025/ IEC 62040-1:2017
23.		Protection against mechanical hazards	Cl. 4.7 of IS 16242-1: 2025/ IEC 62040-1:2017
24.	Uninterruptible Power Systems (UPS)	Protection against hazards	Cl. 4 of IS 16242-1: 2025/ IEC 62040-1:2017
25.		Protection in service access area	Cl. 4.7.101 of IS 16242-1: 2025/ IEC 62040-1:2017
26.		Test requirements	Cl. 5 of IS 16242-1: 2025/ IEC 62040-1:2017
27.		Equipment with multiple sources of supply- General	Cl. 4.8.101 of IS 16242-1: 2025/ IEC 62040-1:2017
28.		Mechanical tests	Cl. 5.2.2 of IS 16242-1: 2025/ IEC 62040-1:2017
29.		Electrical tests	Cl. 5.2.3 of IS 16242-1: 2025/ IEC 62040-1:2017
30.		Protection against environmental stresses	Cl. 4.9 of IS 16242-1: 2025/ IEC 62040-1:2017
31.		Protection against sonic pressure hazards	Cl. 4.10 of IS 16242-1: 2025/ IEC 62040-1:2017
32.		Abnormal operation tests	Cl. 5.2.4 of IS 16242-1: 2025/ IEC 62040-1:2017

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Power System and Stabilizers		
33.	Uninterruptible Power Systems (UPS)	Wiring and connections	Cl. 4.11 of IS 16242-1: 2025/ IEC 62040-1:2017
34.		Material tests	Cl. 5.2.5 of IS 16242-1: 2025/ IEC 62040-1:2017
35.		Environmental tests	Cl. 5.2.6 of IS 16242-1: 2025/ IEC 62040-1:2017
36.		Non-detachable cords- Cord guard	Cl. 4.11.101.1 of IS 16242-1: 2025/ IEC 62040-1:2017
37.		Hydrostatic pressure test	Cl. 5.2.7 of IS 16242-1: 2025/ IEC 62040-1:2017
38.		Cord anchorages and strain relief	Cl. 4.11.101.2 of IS 16242-1: 2025/ IEC 62040-1:2017
39.		Information and marking requirements	Cl. 6 of IS 16242-1: 2025/ IEC 62040-1:2017
40.		Emergency switching (disconnect) device	Cl. 4.101.1 of IS 16242-1: 2025/ IEC 62040-1:2017
41.		Durability	Cl. 6.1.101 of IS 16242-1: 2025/ IEC 62040-1:2017
42.		Normal disconnect devices	Cl. 4.101.2 of IS 16242-1: 2025/ IEC 62040-1:2017
43.		Stored energy source- General	Cl. 4.102.1 of IS 16242-1: 2025/ IEC 62040-1:2017

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Electrical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Power System and Stabilizers		
44.		Accessibility and maintainability	Cl. 4.102.2 of IS 16242-1: 2025/ IEC 62040-1:2017
45.		Distance between battery cells	Cl. 4.102.3 of IS 16242-1: 2025/ IEC 62040-1:2017
46.		Electrolyte spillage	Cl. 4.102.5 of IS 16242-1: 2025/ IEC 62040-1:2017
47.		Ventilation and hydrogen concentration	Cl. 4.102.6 of IS 16242-1: 2025/ IEC 62040-1:2017
48.	Uninterruptible Power Systems (UPS)	Overcurrent and earth fault protection	Cl. 4.102.8.1 of IS 16242-1: 2025/ IEC 62040-1:2017
49.		Location of protective devices	Cl. 4.102.8.2 of IS 16242-1: 2025/ IEC 62040-1:2017
50.		Rating of protective devices	Cl. 4.102.8.3 of IS 16242-1: 2025/ IEC 62040-1:2017
51.		UPS connection to telecommunication lines	Cl. 4.103 of IS 16242-1: 2025/ IEC 62040-1:2017
52.		Operating parameters for tests	Cl. 5.1.5.3 of IS 16242-1: 2025/ IEC 62040-1:2017
53.		Test overview	Cl. 5.1.7 of IS 16242-1: 2025/ IEC 62040-1:2017
54.		Non-accessibility test	Cl. 5.2.2.2 of IS 16242-1: 2025/ IEC 62040-1:2017

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Power System and Stabilizers		
55.		Drop test	Cl. 5.2.4.4 of IS 16242-1: 2025/ IEC 62040-1:2017
56.		Back feed protection	Cl. 4.8.102 of IS 16242-1: 2025/ IEC 62040-1:2017
57.		Charging voltages	Cl. 4.102.7 of IS 16242-1: 2025/ IEC 62040-1:2017
58.		Wall or ceiling mounted equipment test	Cl. 5.2.2.6.101 of IS 16242-1: 2025/ IEC 62040-1:2017
59.		Rack mounted equipment test	Cl. 5.2.2.6.102 of IS 16242-1: 2025/ IEC 62040-1:2017
60.	Uninterruptible Power Systems (UPS)	Cord guard test	Cl. 5.2.2.101 of IS 16242-1: 2025/ IEC 62040-1:2017
61.		Limited power source test	Cl. 5.2.3.9 of IS 16242-1: 2025/ IEC 62040-1:2017
62.		Temperature rise test	Cl. 5.2.3.10 of IS 16242-1: 2025/ IEC 62040-1:2017
63.		Back feed protection test-General	Cl. 5.2.3.101.1 of IS 16242-1: 2025/ IEC 62040-1:2017
64.		Test for pluggable UPS	Cl. 5.2.3.101.2 of IS 16242-1: 2025/ IEC 62040-1:2017
65.		Test for permanently connected UPS	Cl. 5.2.3.101.3 of IS 16242-1: 2025/ IEC 62040-1:2017

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Power System and Stabilizers		
66.		Solid-state back feed protection	Cl. 5.2.3.101.5 of IS 16242-1: 2025/ IEC 62040-1:2017
67.		Input current test	Cl. 5.2.3.102 of IS 16242-1: 2025/ IEC 62040-1:2017
68.		Short-time withstand current test	Cl. 5.2.3.103 of IS 16242-1: 2025/ IEC 62040-1:2017
69.		Input port short-time withstand current rating	Cl. 5.2.3.103.3 of IS 16242-1: 2025/ IEC 62040-1:2017
70.		Transformer protection test	Cl. 5.2.3.104 of IS 16242-1: 2025/ IEC 62040-1:2017
71.		Unsynchronised load transfer test	Cl. 5.2.3.105 of IS 16242-1: 2025/ IEC 62040-1:2017
72.	Uninterruptible Power Systems (UPS)	Abnormal operation and simulated faults tests- General	Cl. 5.2.4.1 of IS 16242-1: 2025/ IEC 62040-1:2017
73.		Vibration test	Cl. 5.2.6.4 of IS 16242-1: 2025/ IEC 62040-1:2017
74.		Salt mist test	Cl. 5.2.6.5 of IS 16242-1: 2025/ IEC 62040-1:2017
75.		Dust and sand test	Cl. 5.2.6.6 of IS 16242-1: 2025/ IEC 62040-1:2017
76.		Information and marking requirements	Cl. 5.2.6.6 of IS 16242-1: 2025/ IEC 62040-1:2017

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Power System and Stabilizers		
77.		Abnormal operating and fault conditions	Cl. 8.3 (Cl. 5.3 / RD) of IS 16242 (P-1): 2014 / IEC 62040-1: 2008
78.		Back feed Protection	Clause No. 5.1.4 & Annex I of IS 16242 (P-1): 2014 / IEC 62040-1: 2008
79.		Battery	Cl. 4.7.20; Cl. 1.7.1/RD; Cl. 2.1.1.5/RD of IS 16242 (P-1): 2014 / IEC 62040-1: 2008
80.		Case insulation	Cl. 7.6.4; Cl. 5.2/RD of IS 16242 (P-1): 2014 / IEC 62040-1: 2008
81.		Charging voltages	Cl. 7.6.8 of IS 16242 (P-1): 2014 / IEC 62040-1: 2008
82.	Uninterruptible Power Systems (UPS)	Construction details (Introduction)	Cl. 7.4.1; Cl. 4.3/ RD; Cl.4.4 / RD; Cl. 4.5/RD of IS 16242 (P-1): 2014 / IEC 62040-1: 2008
83.		Durability of making	Cl. 4.7.16; Cl. 1.7.11/RD of IS 16242 (P-1): 2014 / IEC 62040-1: 2008
84.		Electric Strength	Cl. 8.2; Cl. 5.2/RD of IS 16242 (P-1): 2014 / IEC 62040-1: 2008
85.		Equipment Movement	Cl. 7.4.4 of IS 16242 (P-1): 2014 / IEC 62040-1: 2008

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Power System and Stabilizers		
86.		General (Overcurrent and earth fault protection)	Cl. 5.5.1; Cl. 2.7.3/RD; Cl. 2.7.4/RD; Cl. 2.7.5/RD; Cl. 2.7.6/RD of IS 16242 (P-1): 2014 / IEC 62040-1: 2008
87.		General provision for connection to power	Cl. 6.2.1; Cl. 3.2.2/RD to Cl. 3.2.8 / RD of IS 16242 (P-1): 2014 / IEC 62040-1: 2008
88.		General provisions for earth leakage	Cl. 8.1; Cl. 5.1.1/RD, Cl. 1.4.10/RD, Cl. 5.1.7/RD of IS 16242 (P-1): 2014 / IEC 62040-1: 2008
89.		High leakage current	Cl. 4.7.13; Cl. 5.1/RD of IS 16242 (P-1): 2014 / IEC 62040-1: 2008
90.		Limited Current Circuits.	Cl. 5.2.3; Cl. 2.4/RD of IS 16242 (P-1): 2014 / IEC 62040-1: 2008
91.		Limited Power Source	Cl. 5.2.5; Cl. 2.5/RD of IS 16242 (P-1): 2014 / IEC 62040-1: 2008
92.	Uninterruptible Power Systems (UPS)	Mechanical strength	Cl. 7.3; Cl. 4.2 / RD of IS 16242 (P-1): 2014 / IEC 62040-1: 2008
93.		Openings	Cl. 7.4.2 of IS 16242 (P-1): 2014 / IEC 62040-1: 2008
94.		Power interfaces	Cl. 4.6; Cl. 1.6.2/RD of IS 16242 (P-1): 2014 / IEC 62040-1: 2008

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	Power System and Stabilizers		
95.		Protection for UPS intended to be used in operator access areas	Cl. 5.1.1; Cl. 2.1.1/RD of IS 16242 (P-1): 2014 / IEC 62040-1: 2008
96.		Protection for UPS intended to be used in restricted access areas	Cl. 5.1.3; Cl. 2.1.1.1/RD; Cl. 2.1.1.5 c/RD of IS 16242 (P-1): 2014 / IEC 62040-1: 2008
97.		Protection for UPS intended to be used in service access area	Cl. 5.1.2; Cl. 2.1.1.5c/RD of IS 16242 (P-1): 2014 / IEC 62040-1: 2008
98.		Protective earthing & bonding	Cl. 5.3; Cl. 2.6/RD, Cl. 2.10/RD, Cl. 4.2/RD of IS 16242 (P-1): 2014 / IEC 62040-1: 2008
99.		Resistance to fire	Cl. 7.5; Cl. 4.7/RD, Cl. 4.7.2/RD, Cl. 1.2.12/RD of IS 16242 (P-1): 2014 / IEC 62040-1: 2008
100.		Safety Extra Low Voltage Circuits-SELV	Cl. 5.2.1; Cl. 2.2/RD of IS 16242 (P-1): 2014 / IEC 62040-1: 2008
101.		Stability	Cl. 7.2; Cl. 4.1 /RD of IS 16242 (P-1): 2014 / IEC 62040-1: 2008
102.	Uninterruptible Power Systems (UPS)	Telephone network voltage circuits - TNV	Cl. 5.2.2; Cl. 2.3/RD of IS 16242 (P-1): 2014 / IEC 62040-1: 2008
103.		Temperature rise	Cl. 7.7; Cl. 4.5/RD of IS 16242 (P-1): 2014 / IEC 62040-1: 2008

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Electrical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Power System and Stabilizers		
104.		Ventilation	Cl. 7.6.7 of IS 16242 (P-1): 2014 / IEC 62040-1: 2008
105.		Wiring	Cl. 7.6.5 of IS 16242 (P-1): 2014 / IEC 62040-1: 2008
106.		Wiring terminals for external power conductors	Cl. 6.3; Cl. 3.3/RD of IS 16242 (P-1): 2014 / IEC 62040-1: 2008
107.		Clearances, creepage distances and distances through insulation	Cl. 5.7; Cl. 2.10/RD of IS 16242 (P-1): 2014 / IEC 62040-1: 2008

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Electronics Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Audio Equipment		
1.	Audio, Video and similar electronics apparatus	Additional requirements for apparatus with protection against splashing water	Annex A of IS 616: 2017/ IEC 60065: 2014
2.		Antenna coaxial sockets mounted on the apparatus (Endurance Test)	Cl. 12.5 of IS 616 :2017 / IEC 60065: 2014
3.		Apparatus containing COIN/Button Cell Batteries	Cl. 12.7of IS 616:2017 / IEC 60065: 2014
4.		Apparatus to be connected to the telecommunication network	Annex B of IS 616: 2017/ IEC 60065: 2014
5.		Bump Test	Cl. 12.1.2 of IS 616:2017 / IEC 60065: 2014
6.		Clearance and Creepage Distance	Cl. 13 of IS 616: 2017 / IEC 60065: 2014
7.		Constructional Requirements with regard to protection against electric shock	Cl. 8 of IS 616:2017/ IEC 60065: 2014
8.		Determination of Accessible Parts	Cl. 9.1.1.3 of IS 616: 2017 / IEC 60065: 2014
9.		Determination of Hazardous live parts	Cl. 9.1.1.2 of IS 616:2017 / IEC 60065: 2014

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Electronics Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Audio Equipment		
10.		Devices forming parts of Mains Plug	Cl. 15.4 of IS 616:2017 / IEC 60065: 2014
11.	Audio, Video and similar electronics apparatus	Drawers	Cl. 12.4 of IS 616:2017 / IEC 60065: 2014
12.		Drop Test	Cl. 12.1.5 of IS 616:2017 / IEC 60065: 2014
13.		Electric connection and Mechanical Fixing	Cl. 17 of IS 616: 2017 / IEC 60065: 2014
14.		Electric Shock Hazard	Cl. 11.1 of IS 616: 2017 / IEC 60065: 2014
15.		Electric Shock hazard under normal operating conditions-Requirements	Cl. 9.1.1.1 of IS 616:2017 / IEC 60065: 2014
16.		External Flexible cable	Cl. 16 of IS 616: 2017 / IEC 60065: 2014
17.		Fault Conditions	Cl. 4.3 of IS 616: 2017 / IEC 60065: 2014
18.		Fixing of actuating elements	Cl. 12.2 of IS 616:2017 / IEC 60065: 2014
19.		Flammability test method	Annex. G of IS 616: 2017/ IEC 60065: 2014

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Electronics Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Audio Equipment		
20.		Heat resistance of insulating material	Cl. 7.2 of IS 616:2017 / IEC 60065: 2014
21.		Heating	Cl. 11.2 of IS 616:2017 / IEC 60065: 2014
22.	Audio, Video and similar electronics apparatus	Heating under normal operating condition	Cl. 7.1of IS 616:2017 / IEC 60065: 2014
23.		Humidity treatment	Cl. 10.3 of IS 616: 2017 / IEC 60065: 2014
24.		Impact Test	Cl. 12.1.4 of IS 616:2017/ IEC 60065: 2014
25.		Insulation Resistance and dielectric strength	Cl. 10.4 of IS 616:2017 / IEC 60065: 2014
26.		Marking and Instructions Power Consumption	Cl. 5 of IS 616:2017 / IEC 60065: 2014
27.		Mechanical Strength of glass	Cl. 19.6 of IS 616 :2017 / IEC 60065: 2014
28.		Normal Operating conditions	Cl. 4.2 of IS 616: 2017 / IEC 60065: 2014
29.		Opening of the enclosure	Cl. 9.1.3 of IS 616: 2017 / IEC 60065: 2014
30.		Plugs and sockets,	Cl. 15.1 of IS 616: 2017/ IEC 60065: 2014

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Electronics Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Audio Equipment		
31.	Audio, Video and similar electronics apparatus	Pre-set Controls	Cl. 9.1.5 of IS 616:2017 / IEC 60065: 2014
32.		Provisions for protective earthing (Earth bond Test)	Cl. 15.2 of IS 616:2017 / IEC 60065: 2014
33.		Remote control devices held in hand	Cl. 12.3 of IS 616:2017 / IEC 60065: 2014
34.		Removal of protective covers	Cl. 9.2 of IS 616: 2017 / IEC 60065: 2014
35.		Resistance to external forces	Cl. 9.1.7 of IS 616:2017 / IEC 60065: 2014
36.		Resistance to fire	Cl. 20.0/ Annex G of IS 616:2017 / IEC 60065: 2014
37.		Stability requirements	Cl. 19.1 to Cl 19.4 of IS 616:2014 / IEC 60065: 2014
38.		Stress Relief Test	Cl. 12.1.6 of IS 616:2017 / IEC 60065: 2014
39.		Surge test	Cl. 10.2 of IS 616: 2017 IEC 60065: 2014
40.		Telescoping or rod antennas	Cl. 12.6 of IS 616:2017 / IEC 60065: 2014
41.		Terminals	Cl. 9.1.4 of IS 616:2017 / IEC 60065: 2014

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Electronics Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Audio Equipment		
42.		Terminals for external flexible cord and for permanent connection to the mains supply	Cl. 15.3 of IS 616: 2017 / IEC 60065: 2014
43.		Vibration Test	Cl. 12.1.3 of IS 616: 2017 / IEC 60065: 2014
44.		Wall or ceiling mounting means	Cl. 19.7 of IS 616:2017 / IEC 60065: 2014
45.	Audio, Video and similar electronics apparatus	Withdrawal of Mains Plug	Cl. 9.1.6 of IS 616:2017 / IEC 60065: 2014

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Electronics Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	IT Equipment		
1.	Desk Top Computers/ Notebook Computers, Thin Clients, and Workstations	Power Measurement in Off Mode, Sleep Mode, and Idle state.	BEE Schedule 14/ Energy Star Program requirements for Computers Ver 8.0/ IEC 62623: 2022
2.		Power Measurement in Off Mode, Sleep Mode, and Idle state	BEE Schedule 14/ Energy Star Program requirements for Computers Ver 8.0/ IEC 62623: 2022
3.		Measurement of energy consumption	BEE Schedule 14/ Energy Star Program requirements for Computers Ver 8.0/ IEC 62623: 2022
4.	TV, Desktop Computer, Laptop, External Power Adapter, Battery Charger, Audio Equipment, Combination Units Office Equipment's (Printers, Scanners, Copiers, Fax Machines and Multi-Function Devices)	Measurement of Stand-by Power- Household Electrical Appliances	BEE Schedule 16/ IEC 62301: 2011
5.	Television	Power Consumption in - Active Mode, Method of measurement for the power consumption of Audio, Video and related equipment	BEE Schedule 11/BEE Schedule 26/ IEC 62087 (P1-P6): 2015

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	IT Equipment		
6.	Information Technology Equipment	Clearances, Creepage distances and distance through Insulation,	Cl. 2.10 of IS 13252 (Part-1): 2010 / IEC 60950-1: 2005
7.		Clearances, Creepage distances and distance through Insulation,	Cl. 2.10 of UL 60950-1 Edition 2 (Rev: 2011, 2014, 2019): 2007
8.		Connection to telecommunication networks,	Cl. 6 of UL 60950-1 Edition 2 (Rev.: 2011, 2014, 2019): 2007
9.		Connection to telecommunication networks,	Cl. 6 of IS 13252 (Part-1): 2010 / IEC 60950-1: 2005
10.		Design and construction	Cl. 4.3 of IS 13252 (Part-1): 2010 / IEC 60950-1: 2005
11.		Design and construction	Cl. 4.3 of UL 60950-1 Edition 2 (Rev.: 2011, 2014, 2019): 2007
12.		Discharge of capacitors in equipment	Cl. 2.1.1.7 of IS 13252 (Part-1): 2010 / IEC 60950-1: 2005
13.		Discharge of capacitors in equipment	Cl. 2.1.1.7 of UL 60950-1 Edition 2 (Rev: 2011, 2014, 2019): 2007
14.		Electric strength	Cl. 5.2 of UL 60950-1 Edition 2 (Rev.: 2011, 2014, 2019): 2007
15.		Electric strength	Cl. 5.2 of IS 13252 (Part-1): 2010 / IEC 60950-1: 2005

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	IT Equipment		
16.		Electrical Insulation	Cl. 2.9 of UL 60950-1 Edition 2 (Rev.: 2011, 2014, 2019): 2007
17.	Information Technology Equipment	Electrical Insulation	Cl. 2.9 of IS 13252 (Part-1): 2010 / IEC 60950-1: 2005
18.		Guidance on protection against ingress of water	Annex T of IS 13252 (Part-1): 2010 / IEC 60950-1: 2005 / UL 60950-1 Edition 2 (Rev.: 2011, 2014, 2019): 2007
19.		Household and home/office document/media shredders,	Annex EE of IS 13252 (Part-1): 2010 / IEC 60950-1: 2005
20.		Impulse test	Cl.7.4.3 of IS 13252 (Part-1): 2010 / IEC 60950-1: 2005
21.		Impulse test	Cl.7.4.3 of UL 60950-1 Edition 2 (Rev. 2011, 2014, 2019): 2007
22.		Limited current circuits	Cl. 2.4 of IS 13252 (Part-1): 2010 / IEC 60950-1: 2005
23.		Limited current circuits	Cl. 2.4 of UL 60950-1 Edition 2 (Rev.: 2011, 2014, 2019): 2007
24.		Limited Power Source	Cl. 2.5 of UL 60950-1 Edition 2 (Rev.: 2011, 2014, 2019): 2007
25.		Limited Power Source	Cl. 2.5 of IS 13252 (Part-1): 2010 / IEC 60950-1: 2005

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Electronics Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	IT Equipment		
26.		Mandrel test	Annex AA of IS 13252 (Part-1): 2010 / IEC 60950-1: 2005 / UL 60950-1 Edition 2 (Rev.: 2011, 2014, 2019): 2007
27.	Information Technology Equipment	Marking and instruction	Cl. 1.7 of UL 60950-1 Edition 2 (Rev.: 2011, 2014, 2019): 2007
28.		Marking and instruction	Cl. 1.7 of IS 13252 (Part-1): 2010 / IEC 60950-1: 2005
29.		Mechanical Strength	Cl. 4.2 of IS 13252 (Part-1): 2010 / IEC 60950-1: 2005
30.		Mechanical Strength	Cl. 4.2 of UL 60950-1 Edition 2 (Rev.: 2011, 2014, 2019): 2007
31.		Opening in enclosure	Cl.4.6 of IS 13252 (Part-1): 2010 / IEC 60950-1: 2005
32.		Opening in enclosure	Cl. 4.6 of UL 60950-1 Edition 2 (Rev.: 2011, 2014, 2019): 2007
33.		Over current and earth fault protection in primary circuit	Cl.2.7 of UL 60950-1 Edition 2 (Rev.: 2011, 2014, 2019): 2007
34.		Over current and earth fault protection in primary circuit	Cl. 2.7 of IS 13252 (Part-1): 2010 / IEC 60950-1: 2005
35.		Power Interface	Cl. 1.6 of UL 60950-1 Edition 2 (Rev.: 2011, 2014, 2019): 2007

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	IT Equipment		
36.		Power Interface	Cl. 1.6 of IS 13252 (Part-1): 2010 / IEC 60950-1: 2005
37.		Protection against hazardous moving parts	Cl. 4.4 & Annex B of IS 13252 (Part-1): 2010 / IEC 60950-1: 2005
38.	Information Technology Equipment	Protection against hazardous moving parts	Cl. 4.4 & Annex B of UL 60950-1 Edition 2 (Rev.: 2011, 2014, 2019): 2007
39.		Protection from electric shock and energy hazards	Cl. 2.1 of UL 60950-1 Edition 2 (Rev.: 2011, 2014, 2019): 2007
40.		Protection from electric shock and energy hazards	Cl. 2.1 of IS 13252 (Part-1): 2010 / IEC 60950-1: 2005
41.		Provision for earthing and bonding	Cl.2.6 of UL 60950-1 Edition 2 (Rev.: 2011, 2014, 2019): 2007
42.		Provision for earthing and bonding	Cl.2.6 of IS 13252 (Part-1): 2010 / IEC 60950-1: 2005
43.		Requirements for the mounting means of rack-mounted equipment	Annex DD of IS 13252 (Part-1): 2010 / IEC 60950-1: 2005
44.		Resistance to fire	Cl. 4.7 of IS 13252 (Part-1): 2010 / IEC 60950-1: 2005
45.		Resistance to fire	Cl. 4.7 of UL 60950-1 Edition 2 (Rev.: 2011, 2014, 2019): 2007

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Electronics Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	IT Equipment		
46.		Safety interlocks	Cl. 2.8 of IS 13252 (Part-1): 2010 / IEC 60950-1: 2005
47.		Safety interlocks	Cl. 2.8 of UL 60950-1 Edition 2 (Rev.: 2011, 2014, 2019): 2007
48.	Information Technology Equipment	SELV circuits	Cl. 2.2.2, Cl. 2.2.3, Cl. 2.2.4 of UL 60950-1 Edition 2 (Rev.: 2011, 2014, 2019): 2007
49.		SELV circuits	Cl. 2.2.2, Cl. 2.2.3, Cl. 2.2.4 of IS 13252 (Part-1): 2010 / IEC 60950-1: 2005
50.		Stability	Cl. 4.1 of UL 60950-1 Edition 2 (Rev.: 2011, 2014, 2019): 2007
51.		Stability	Cl. 4.1 of IS 13252 (Part-1): 2010 / IEC 60950-1: 2005
52.		Temperature rise of a winding	Annex E of IS 13252 (Part-1) (A1:2013+ A2:2015): 2010 / IEC 60950-1 (AMD1:2009+AMD2:2013) :2005 / UL 60950-1 Edition 2 (Rev.: 2011, 2014, 2019): 2007
53.		Thermal requirement Resistance to abnormal heat	Cl. 4.5 of UL 60950-1 Edition 2 (Rev.: 2011, 2014, 2019) : 2007

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	IT Equipment		
54.	Information Technology Equipment	Thermal requirement Resistance to abnormal heat	Cl. 4.5 of IS 13252 (Part-1): 2010 / IEC 60950-1: 2005
55.		TNV circuits	Cl. 2.3 & Annex M of UL 60950-1 Edition 2 (Rev.: 2011, 2014, 2019): 2007
56.		Touch current & protective conductor current	Cl. 5.1 of UL 60950-1 Edition 2 (Rev.: 2011, 2014, 2019): 2007
57.		Touch current & protective conductor current	Cl. 5.1 of IS 13252 (Part-1): 2010 / IEC 60950-1: 2005
58.		Voltage Surge Test	Cl. 7.4.2 of IS 13252 (Part-1): 2010 / IEC 60950-1: 2005
59.		Voltage Surge Test	Cl. 7.4.2 of UL 60950-1 Edition 2 (Rev.: 2011, 2014, 2019): 2007
60.		Wiring connections & supply,	Cl. 3.0 to Cl. 3.5 of IS 13252 (Part-1): 2010 / IEC 60950-1: 2005
61.		Abnormal operating and fault conditions	Cl. 5.3 & Annex C of IS 13252 (Part-1): 2010 / IEC 60950-1: 2005 / UL 60950-1 Edition 2 (Rev.: 2011, 2014, 2019): 2007
62.		Connection to cable distribution systems	Cl. 7 of IS 13252 (Part-1) (A1:2013+ A2:2015): 2010 / IEC 60950-1 (AMD1:2009+AMD2:2013) :2005 /

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	IT Equipment		
			UL 60950-1 Edition 2 (Rev.: 2011, 2014, 2019): 2007
63.		Guidance on protection against ingress of water	Annex T of IS 13252 (Part-1): 2010 / IEC 60950-1: 2005 / UL 60950-1 Edition 2 (Rev.: 2011, 2014, 2019): 2007
64.		TNV circuits	Cl. 2.3 & Annex M of IS 13252 (Part-1): 2010 / IEC 60950-1: 2005
65.	Information Technology Equipment	Resistance to fire	Cl. 4.7 & Annex A of IS 13252 (Part-1): 2010 / IEC 60950-1: 2005 / UL 60950-1 Edition 2 (Rev.: 2011, 2014, 2019): 2007
66.		Wiring connections & supply	Cl. 3.0 to Cl. 3.5 of UL 60950-1 Edition 2 (Rev.: 2011, 2014, 2019): 2007
67.	Audio, Video, Information and Communication Technology Equipment	General- materials, components	Cl-4.1 of IS/IEC 62368-1:2023/IEC 62368-1:2023 /BS EN 62368-1:2024 /AS/NZS 62368.1:2022/ UL 62368-1: 2025
68.		Energy source classifications	Cl-4.2 of IS/IEC 62368-1:2023/IEC 62368-1:2023 /BS EN 62368-1:2024

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	IT Equipment		
			/AS/NZS 62368.1:2022/ UL 62368-1: 2025
69.		Protection against energy sources	Cl-4.3 of IS/IEC 62368-1:2023/IEC 62368-1:2023 /BS EN 62368-1:2024 /AS/NZS 62368.1:2022/ UL 62368-1: 2025
70.		Safeguards	Cl-4.4 of IS/IEC 62368-1:2023/IEC 62368-1:2023 /BS EN 62368-1:2024 /AS/NZS 62368.1:2022/ UL 62368-1: 2025
71.	Audio, Video, Information and Communication Technology Equipment	Fixing of conductors and conductive parts	Cl-4.6 of IS/IEC 62368-1:2023/IEC 62368-1:2023 /BS EN 62368-1:2024 /AS/NZS 62368.1:2022/ UL 62368-1: 2025
72.		Equipment for direct insertion into mains socket-outlets	Cl-4.7 of IS/IEC 62368-1:2023/IEC 62368-1:2023 /BS EN 62368-1:2024 /AS/NZS 62368.1:2022/ UL 62368-1: 2025
73.		Equipment containing coin or button cell batteries	Cl-4.8 of IS/IEC 62368-1:2023/IEC 62368-1:2023 /BS EN 62368-1:2024 /AS/NZS 62368.1:2022/ UL 62368-1: 2025

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Electronics Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	IT Equipment		
74.	Audio, Video, Information and Communication Technology Equipment	Likelihood of fire or shock due to entry of conductive objects	Cl-4.9 of IS/IEC 62368-1:2023/IEC 62368-1:2023 /BS EN 62368-1:2024 /AS/NZS 62368.1:2022/ UL 62368-1: 2025
75.		Components requirements	Cl-4.10 of IS/IEC 62368-1:2023/IEC 62368-1:2023 /BS EN 62368-1:2024 /AS/NZS 62368.1:2022/ UL 62368-1: 2025
76.		General- Electrically-caused injury	Cl-5.1 of IS/IEC 62368-1:2023/IEC 62368-1:2023 /BS EN 62368-1:2024 /AS/NZS 62368.1:2022/ UL 62368-1: 2025
77.		Classification and limits of electrical energy sources	Cl-5.2 of IS/IEC 62368-1:2023/IEC 62368-1:2023 /BS EN 62368-1:2024 /AS/NZS 62368.1:2022/ UL 62368-1: 2025
78.		Protection against electrical energy sources	Cl-5.3 of IS/IEC 62368-1:2023/IEC 62368-1:2023 /BS EN 62368-1:2024 /AS/NZS 62368.1:2022/ UL 62368-1: 2025
79.		Insulation materials and requirements	Cl-5.4 of IS/IEC 62368-1:2023/IEC 62368-1:2023 /BS EN 62368-1:2024

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Electronics Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	IT Equipment		
	Audio, Video, Information and Communication Technology Equipment		/AS/NZS 62368.1:2022/ UL 62368-1: 2025
80.		Components as safeguards	Cl-5.5 of IS/IEC 62368-1:2023/IEC 62368-1:2023 /BS EN 62368-1:2024 /AS/NZS 62368.1:2022/ UL 62368-1: 2025
81.		Protective conductor	Cl-5.6 of IS/IEC 62368-1:2023/IEC 62368-1:2023 /BS EN 62368-1:2024 /AS/NZS 62368.1:2022/ UL 62368-1: 2025
82.		Prospective touch voltage, touch current and protective conductor current	Cl-5.7 of IS/IEC 62368-1:2023/IEC 62368-1:2023 /BS EN 62368-1:2024 /AS/NZS 62368.1:2022/ UL 62368-1: 2025
83.		Back feed safeguard in battery backed up supplies	Cl-5.8 of IS/IEC 62368-1:2023/IEC 62368-1:2023 /BS EN 62368-1:2024 /AS/NZS 62368.1:2022/ UL 62368-1: 2025
84.		General- Electrically-caused fire	Cl-6.1 of IS/IEC 62368-1:2023/IEC 62368-1:2023 /BS EN 62368-1:2024 /AS/NZS 62368.1:2022/ UL 62368-1: 2025

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Electronics Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	IT Equipment		
85.		Classification of power sources and potential ignition sources	Cl-6.2 of IS/IEC 62368-1:2023/IEC 62368-1:2023 /BS EN 62368-1:2024 /AS/NZS 62368.1:2022/ UL 62368-1: 2025
86.		Safeguards against fire under normal operating conditions and abnormal operating conditions	Cl-6.3 of IS/IEC 62368-1:2023/IEC 62368-1:2023 /BS EN 62368-1:2024 /AS/NZS 62368.1:2022/ UL 62368-1: 2025
87.		Safeguards against fire under single fault conditions	Cl-6.4 of IS/IEC 62368-1:2023/IEC 62368-1:2023 /BS EN 62368-1:2024 /AS/NZS 62368.1:2022/ UL 62368-1: 2025
88.		General- Injury caused by hazardous substances	Cl-7.1 of IS/IEC 62368-1:2023/IEC 62368-1:2023 /BS EN 62368-1:2024 /AS/NZS 62368.1:2022/ UL 62368-1: 2025
89.	Audio, Video, Information and Communication Technology Equipment	Reduction of exposure to hazardous substances	Cl-7.2 of IS/IEC 62368-1:2023/IEC 62368-1:2023 /BS EN 62368-1:2024 /AS/NZS 62368.1:2022/ UL 62368-1: 2025
90.		Ozone exposure	Cl-7.3 of IS/IEC 62368-1:2023/IEC 62368-1:2023 /BS EN 62368-1:2024

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	IT Equipment		
			/AS/NZS 62368.1:2022/ UL 62368-1: 2025
91.		Use of personal safeguards or personal protective equipment	Cl-7.4 of IS/IEC 62368-1:2023/IEC 62368-1:2023 /BS EN 62368-1:2024 /AS/NZS 62368.1:2022/ UL 62368-1: 2025
92.		Use of instructional safeguards and instructions	Cl-7.5 of IS/IEC 62368-1:2023/IEC 62368-1:2023 /BS EN 62368-1:2024 /AS/NZS 62368.1:2022/ UL 62368-1: 2025
93.		General- Mechanically-caused injury	Cl-8.1 of IS/IEC 62368-1:2023/IEC 62368-1:2023 /BS EN 62368-1:2024 /AS/NZS 62368.1:2022/ UL 62368-1: 2025
94.		Mechanical energy source classifications	Cl-8.2 of IS/IEC 62368-1:2023/IEC 62368-1:2023 /BS EN 62368-1:2024 /AS/NZS 62368.1:2022/ UL 62368-1: 2025
95.	Audio, Video, Information and Communication Technology Equipment	Safeguards against mechanical energy sources	Cl-8.3 of IS/IEC 62368-1:2023/IEC 62368-1:2023 /BS EN 62368-1:2024 /AS/NZS 62368.1:2022/ UL 62368-1: 2025

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Electronics Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	IT Equipment		
96.		Safeguards against parts with sharp edges and corners	Cl-8.4 of IS/IEC 62368-1:2023/IEC 62368-1:2023 /BS EN 62368-1:2024 /AS/NZS 62368.1:2022/ UL 62368-1: 2025
97.		Safeguards against moving parts	Cl-8.5 of IS/IEC 62368-1:2023/IEC 62368-1:2023 /BS EN 62368-1:2024 /AS/NZS 62368.1:2022/ UL 62368-1: 2025
98.		Stability of equipment	Cl-8.6 of IS/IEC 62368-1:2023/IEC 62368-1:2023 /BS EN 62368-1:2024 /AS/NZS 62368.1:2022/ UL 62368-1: 2025
99.		Equipment mounted to a wall, ceiling or other structure	Cl-8.7 of IS/IEC 62368-1:2023/IEC 62368-1:2023 /BS EN 62368-1:2024 /AS/NZS 62368.1:2022/ UL 62368-1: 2025
100.		Handle strength	Cl-8.8 of IS/IEC 62368-1:2023/IEC 62368-1:2023 /BS EN 62368-1:2024 /AS/NZS 62368.1:2022/ UL 62368-1: 2025
101.		Wheels or casters attachment requirements	Cl-8.9 of IS/IEC 62368-1:2023/IEC 62368-1:2023 /BS EN 62368-1:2024

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Electronics Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	IT Equipment		
	Audio, Video, Information and Communication Technology Equipment		/AS/NZS 62368.1:2022/ UL 62368-1: 2025
102.		Carts, stands, and similar carriers	Cl-8.10 of IS/IEC 62368-1:2023/IEC 62368-1:2023 /BS EN 62368-1:2024 /AS/NZS 62368.1:2022/ UL 62368-1: 2025
103.		Mounting means for slide-rail mounted equipment	Cl-8.11 of IS/IEC 62368-1:2023/IEC 62368-1:2023 /BS EN 62368-1:2024 /AS/NZS 62368.1:2022/ UL 62368-1: 2025
104.		General-Thermal burn injury	Cl-9.1 of IS/IEC 62368-1:2023/IEC 62368-1:2023 /BS EN 62368-1:2024 /AS/NZS 62368.1:2022/ UL 62368-1: 2025
105.		Thermal energy source classifications	Cl-9.2 of IS/IEC 62368-1:2023/IEC 62368-1:2023 /BS EN 62368-1:2024 /AS/NZS 62368.1:2022/ UL 62368-1: 2025
106.		Touch temperature limits	Cl-9.3 of IS/IEC 62368-1:2023/IEC 62368-1:2023 /BS EN 62368-1:2024 /AS/NZS 62368.1:2022/ UL 62368-1: 2025

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	IT Equipment		
107.	Audio, Video, Information and Communication Technology Equipment	Safeguards against thermal energy sources	Cl-9.4 of IS/IEC 62368-1:2023/IEC 62368-1:2023 /BS EN 62368-1:2024 /AS/NZS 62368.1:2022/ UL 62368-1: 2025
108.		Requirements for safeguards	Cl-9.5 of IS/IEC 62368-1:2023/IEC 62368-1:2023 /BS EN 62368-1:2024 /AS/NZS 62368.1:2022/ UL 62368-1: 2025
109.		Examples of equipment within the scope of this document	Annex A of IS/IEC 62368-1:2023/IEC 62368-1:2023 /BS EN 62368-1:2024 /AS/NZS 62368.1:2022/ UL 62368-1: 2025
110.		General- Normal operating condition tests, abnormal operating condition tests and single fault condition tests	Annex B of IS/IEC 62368-1:2023/IEC 62368-1:2023 /BS EN 62368-1:2024 /AS/NZS 62368.1:2022/ UL 62368-1: 2025
111.		Normal operating conditions	Annex B-2 of IS/IEC 62368-1:2023/IEC 62368-1:2023 /BS EN 62368-1:2024 /AS/NZS 62368.1:2022/ UL 62368-1: 2025
112.		Simulated abnormal operating conditions	Annex B-3 of IS/IEC 62368-1:2023/IEC 62368-1:2023 /BS EN

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	IT Equipment		
			62368-1:2024 /AS/NZS 62368.1:2022/ UL 62368-1: 2025
113.	Audio, Video, Information and Communication Technology Equipment	Simulated single fault conditions	Annex B-4 of IS/IEC 62368-1:2023/IEC 62368-1:2023 /BS EN 62368-1:2024 /AS/NZS 62368.1:2022/ UL 62368-1: 2025
114.		Impulse test generators	Annex D-1 of IS/IEC 62368-1:2023/IEC 62368-1:2023 /BS EN 62368-1:2024 /AS/NZS 62368.1:2022/ UL 62368-1: 2025
115.		Electrical energy source classification for audio signals	Annex E-1 of IS/IEC 62368-1:2023/IEC 62368-1:2023 /BS EN 62368-1:2024 /AS/NZS 62368.1:2022/ UL 62368-1: 2025
116.		Operating conditions of equipment containing an audio amplifier	Annex E-3 of IS/IEC 62368-1:2023/IEC 62368-1:2023 /BS EN 62368-1:2024 /AS/NZS 62368.1:2022/ UL 62368-1: 2025
117.		General-Equipment markings, instructions, and instructional safeguards	Annex F-1 of IS/IEC 62368-1:2023/IEC 62368-1:2023 /BS EN 62368-1:2024 /AS/NZS 62368.1:2022/ UL 62368-1: 2025

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	IT Equipment		
118.	Audio, Video, Information and Communication Technology Equipment	Letter symbols and graphical symbols	Annex F-2 of IS/IEC 62368-1:2023/IEC 62368-1:2023 /BS EN 62368-1:2024 /AS/NZS 62368.1:2022/ UL 62368-1: 2025
119.		Equipment markings	Annex F-3 of IS/IEC 62368-1:2023/IEC 62368-1:2023 /BS EN 62368-1:2024 /AS/NZS 62368.1:2022/ UL 62368-1: 2025
120.		Instructions	Annex F-4 of IS/IEC 62368-1:2023/IEC 62368-1:2023 /BS EN 62368-1:2024 /AS/NZS 62368.1:2022/ UL 62368-1: 2025
121.		Instructional safeguards	Annex F-5 of IS/IEC 62368-1:2023/IEC 62368-1:2023 /BS EN 62368-1:2024 /AS/NZS 62368.1:2022/ UL 62368-1: 2025
122.		General- Criteria for telephone ringing signals	Annex H-1 of IS/IEC 62368-1:2023/IEC 62368-1:2023 /BS EN 62368-1:2024 /AS/NZS 62368.1:2022/ UL 62368-1: 2025
123.		Overvoltage categories	Annex I of IS/IEC 62368-1:2023/IEC 62368-1:2023 /BS EN 62368-1:2024

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	IT Equipment		
			/AS/NZS 62368.1:2022/ UL 62368-1: 2025
124.		General-Insulated winding wires for use without interleaved insulation	Annex J-1 of IS/IEC 62368-1:2023/IEC 62368-1:2023 /BS EN 62368-1:2024 /AS/NZS 62368.1:2022/ UL 62368-1: 2025
125.	Audio, Video, Information and Communication Technology Equipment	Type tests	Annex J-2 of IS/IEC 62368-1:2023/IEC 62368-1:2023 /BS EN 62368-1:2024 /AS/NZS 62368.1:2022/ UL 62368-1: 2025
126.		Testing during manufacturing	Annex J-3 of IS/IEC 62368-1:2023/IEC 62368-1:2023 /BS EN 62368-1:2024 /AS/NZS 62368.1:2022/ UL 62368-1: 2025
127.		General- Safety interlocks	Annex K-1 of IS/IEC 62368-1:2023/IEC 62368-1:2023 /BS EN 62368-1:2024 /AS/NZS 62368.1:2022/ UL 62368-1: 2025
128.		Components of the safety interlock safeguard mechanism	Annex K-2 of IS/IEC 62368-1:2023/IEC 62368-1:2023 /BS EN 62368-1:2024 /AS/NZS 62368.1:2022/ UL 62368-1: 2025

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	IT Equipment		
129.	Audio, Video, Information and Communication Technology Equipment	Inadvertent change of operating mode	Annex K-3 of IS/IEC 62368-1:2023/IEC 62368-1:2023 /BS EN 62368-1:2024 /AS/NZS 62368.1:2022/ UL 62368-1: 2025
130.		Interlock safeguard override	Annex K-4 of IS/IEC 62368-1:2023/IEC 62368-1:2023 /BS EN 62368-1:2024 /AS/NZS 62368.1:2022/ UL 62368-1: 2025
131.		General requirements	Annex L-1 of IS/IEC 62368-1:2023/IEC 62368-1:2023 /BS EN 62368-1:2024 /AS/NZS 62368.1:2022/ UL 62368-1: 2025
132.		Permanently connected equipment	Annex L-2 of IS/IEC 62368-1:2023/IEC 62368-1:2023 /BS EN 62368-1:2024 /AS/NZS 62368.1:2022/ UL 62368-1: 2025
133.		Parts that remain energized	Annex L-3 of IS/IEC 62368-1:2023/IEC 62368-1:2023 /BS EN 62368-1:2024 /AS/NZS 62368.1:2022/ UL 62368-1: 2025
134.		Single-phase equipment	Annex L-4 of IS/IEC 62368-1:2023/IEC 62368-1:2023 /BS EN

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	IT Equipment		
	Audio, Video, Information and Communication Technology Equipment		62368-1:2024 /AS/NZS 62368.1:2022/ UL 62368-1: 2025
135.		Three-phase equipment	Annex L-5 of IS/IEC 62368-1:2023/IEC 62368-1:2023 /BS EN 62368-1:2024 /AS/NZS 62368.1:2022/ UL 62368-1: 2025
136.		Switches as disconnect devices	Annex L-6 of IS/IEC 62368-1:2023/IEC 62368-1:2023 /BS EN 62368-1:2024 /AS/NZS 62368.1:2022/ UL 62368-1: 2025
137.		Plugs as disconnect devices	Annex L-7 of IS/IEC 62368-1:2023/IEC 62368-1:2023 /BS EN 62368-1:2024 /AS/NZS 62368.1:2022/ UL 62368-1: 2025
138.		Multiple power sources	Annex L-8 of IS/IEC 62368-1:2023/IEC 62368-1:2023 /BS EN 62368-1:2024 /AS/NZS 62368.1:2022/ UL 62368-1: 2025
139.		Compliance criteria	Annex L-9 of IS/IEC 62368-1:2023/IEC 62368-1:2023 /BS EN 62368-1:2024 /AS/NZS 62368.1:2022/ UL 62368-1: 2025

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	IT Equipment		
140.	Audio, Video, Information and Communication Technology Equipment	General requirements	Annex M-1 of IS/IEC 62368-1:2023/IEC 62368-1:2023 /BS EN 62368-1:2024 /AS/NZS 62368.1:2022/ UL 62368-1: 2025
141.		Safety of batteries and their cells	Annex M-2 of IS/IEC 62368-1:2023/IEC 62368-1:2023 /BS EN 62368-1:2024 /AS/NZS 62368.1:2022/ UL 62368-1: 2025
142.		Safeguards against short-circuits	Annex M-6 of IS/IEC 62368-1:2023/IEC 62368-1:2023 /BS EN 62368-1:2024 /AS/NZS 62368.1:2022/ UL 62368-1: 2025
143.		Preventing electrolyte spillage	Annex M-9 of IS/IEC 62368-1:2023/IEC 62368-1:2023 /BS EN 62368-1:2024 /AS/NZS 62368.1:2022/ UL 62368-1: 2025
144.		Instructions to prevent reasonably foreseeable misuse	Annex M-10 of IS/IEC 62368-1:2023/IEC 62368-1:2023 /BS EN 62368-1:2024 /AS/NZS 62368.1:2022/ UL 62368-1: 2025
145.		Electrochemical potentials	Annex N of IS/IEC 62368-1:2023/IEC 62368-1:2023 /BS EN 62368-1:2024

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	IT Equipment		
			/AS/NZS 62368.1:2022/ UL 62368-1: 2025
146.		Measurement of creepage distances and clearances	Annex O of IS/IEC 62368-1:2023/IEC 62368-1:2023 /BS EN 62368-1:2024 /AS/NZS 62368.1:2022/ UL 62368-1: 2025
147.		General-Safeguards against conductive objects	Annex P-1 of IS/IEC 62368-1:2023/IEC 62368-1:2023 /BS EN 62368-1:2024 /AS/NZS 62368.1:2022/ UL 62368-1: 2025
148.		Safeguards against entry or consequences of entry of a foreign object	Annex P-2 of IS/IEC 62368-1:2023/IEC 62368-1:2023 /BS EN 62368-1:2024 /AS/NZS 62368.1:2022/ UL 62368-1: 2025
149.	Audio, Video, Information and Communication Technology Equipment	Safeguards against spillage of internal liquids	Annex P-3 of IS/IEC 62368-1:2023/IEC 62368-1:2023 /BS EN 62368-1:2024 /AS/NZS 62368.1:2022/ UL 62368-1: 2025
150.		Limited power source	Annex Q-1 of IS/IEC 62368-1:2023/IEC 62368-1:2023 /BS EN 62368-1:2024 /AS/NZS 62368.1:2022/ UL 62368-1: 2025

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	IT Equipment		
151.	Audio, Video, Information and Communication Technology Equipment	Test for external circuits – paired conductor cable	Annex Q-2 of IS/IEC 62368-1:2023/IEC 62368-1:2023 /BS EN 62368-1:2024 /AS/NZS 62368.1:2022/ UL 62368-1: 2025
152.		Flammability test for fire enclosure and fire barrier materials of equipment where the steady state power does not exceed 4 000 W	Annex S-1 of IS/IEC 62368-1:2023/IEC 62368-1:2023 /BS EN 62368-1:2024 /AS/NZS 62368.1:2022/ UL 62368-1: 2025
153.		Flammability test for fire enclosure and fire barrier integrity	Annex S-2 of IS/IEC 62368-1:2023/IEC 62368-1:2023 /BS EN 62368-1:2024 /AS/NZS 62368.1:2022/ UL 62368-1: 2025
154.		Flammability classification of materials	Annex S-4 of IS/IEC 62368-1:2023/IEC 62368-1:2023 /BS EN 62368-1:2024 /AS/NZS 62368.1:2022/ UL 62368-1: 2025
155.		Flammability test for fire enclosure materials of equipment with a steady state power exceeding 4 000 W	Annex S-5 of IS/IEC 62368-1:2023/IEC 62368-1:2023 /BS EN 62368-1:2024 /AS/NZS 62368.1:2022/ UL 62368-1: 2025

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	IT Equipment		
156.		General-Mechanical strength tests	Annex T-1 of IS/IEC 62368-1:2023/IEC 62368-1:2023 /BS EN 62368-1:2024 /AS/NZS 62368.1:2022/ UL 62368-1: 2025
157.		Steady force test, 10 N	Annex T-2 of IS/IEC 62368-1:2023/IEC 62368-1:2023 /BS EN 62368-1:2024 /AS/NZS 62368.1:2022/ UL 62368-1: 2025
158.		Steady force test, 30 N	Annex T-3 of IS/IEC 62368-1:2023/IEC 62368-1:2023 /BS EN 62368-1:2024 /AS/NZS 62368.1:2022/ UL 62368-1: 2025
159.		Steady force test, 100 N	Annex T-4 of IS/IEC 62368-1:2023/IEC 62368-1:2023 /BS EN 62368-1:2024 /AS/NZS 62368.1:2022/ UL 62368-1: 2025
160.	Audio, Video, Information and Communication Technology Equipment	Steady force test, 250 N	Annex T-5 of IS/IEC 62368-1:2023/IEC 62368-1:2023 /BS EN 62368-1:2024 /AS/NZS 62368.1:2022/ UL 62368-1: 2025
161.		Enclosure impact test	Annex T-6 of IS/IEC 62368-1:2023/IEC 62368-1:2023 /BS EN

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	IT Equipment		
			62368-1:2024 /AS/NZS 62368.1:2022/ UL 62368-1: 2025
162.		Stress relief test	Annex T-8 of IS/IEC 62368-1:2023/IEC 62368-1:2023 /BS EN 62368-1:2024 /AS/NZS 62368.1:2022/ UL 62368-1: 2025
163.		Glass impact test	Annex T-9 of IS/IEC 62368-1:2023/IEC 62368-1:2023 /BS EN 62368-1:2024 /AS/NZS 62368.1:2022/ UL 62368-1: 2025
164.		Glass fragmentation test	Annex T-10 of IS/IEC 62368-1:2023/IEC 62368-1:2023 /BS EN 62368-1:2024 /AS/NZS 62368.1:2022/ UL 62368-1: 2025
165.		Test for telescoping or rod antennas	Annex T-11 of IS/IEC 62368-1:2023/IEC 62368-1:2023 /BS EN 62368-1:2024 /AS/NZS 62368.1:2022/ UL 62368-1: 2025
166.	Audio, Video, Information and Communication Technology Equipment	Accessible parts of equipment	Annex V-1 of IS/IEC 62368-1:2023/IEC 62368-1:2023 /BS EN 62368-1:2024 /AS/NZS 62368.1:2022/ UL 62368-1: 2025

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	IT Equipment		
167.		Accessible part criterion	Annex V-2 of IS/IEC 62368-1:2023/IEC 62368-1:2023 /BS EN 62368-1:2024 /AS/NZS 62368.1:2022/ UL 62368-1: 2025
168.		Comparison of terms introduced in this document	Annex W of IS/IEC 62368-1:2023/IEC 62368-1:2023 /BS EN 62368-1:2024 /AS/NZS 62368.1:2022/ UL 62368-1: 2025
169.		Alternative method for determining clearances for insulation in circuits connected to an AC main not exceeding 420 V peak (300 V RMS	Annex X of IS/IEC 62368-1:2023/IEC 62368-1:2023 /BS EN 62368-1:2024 /AS/NZS 62368.1:2022/ UL 62368-1: 2025
170.		General- Construction requirements for outdoor enclosures	Annex Y-1 of IS/IEC 62368-1:2023/IEC 62368-1:2023 /BS EN 62368-1:2024 /AS/NZS 62368.1:2022/ UL 62368-1: 2025
171.	Audio, Video, Information and Communication Technology Equipment	Resistance to UV radiation	Annex Y-2 of IS/IEC 62368-1:2023/IEC 62368-1:2023 /BS EN 62368-1:2024 /AS/NZS 62368.1:2022/ UL 62368-1: 2025

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	IT Equipment		
172.		Resistance to corrosion	Annex Y-3 of IS/IEC 62368-1:2023/IEC 62368-1:2023 /BS EN 62368-1:2024 /AS/NZS 62368.1:2022/ UL 62368-1: 2025
173.		Audio signals used during test	Annex E-2 of IS/IEC 62368-1:2023/IEC 62368-1:2023 /BS EN 62368-1:2024 /AS/NZS 62368.1:2022/ UL 62368-1: 2025
174.		Method A	Annex H-2 of IS/IEC 62368-1:2023/IEC 62368-1:2023 /BS EN 62368-1:2024 /AS/NZS 62368.1:2022/ UL 62368-1: 2025
175.		Method B	Annex H-3 of IS/IEC 62368-1:2023/IEC 62368-1:2023 /BS EN 62368-1:2024 /AS/NZS 62368.1:2022/ UL 62368-1: 2025
176.		Flammability tests for the bottom of a fire enclosure	Annex S-3 of IS/IEC 62368-1:2023/IEC 62368-1:2023 /BS EN 62368-1:2024 /AS/NZS 62368.1:2022/ UL 62368-1: 2025
177.		Internal and external wiring	Cl-6.5 of IS/IEC 62368-1:2023/IEC 62368-1:2023 /BS EN 62368-1:2024

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	IT Equipment		
	Audio, Video, Information and Communication Technology Equipment		/AS/NZS 62368.1:2022/ UL 62368-1: 2025
178.		Protection of materials in equipment from UV radiation	Annex C-1 of IS/IEC 62368-1:2023/IEC 62368-1:2023 /BS EN 62368-1:2024 /AS/NZS 62368.1:2022/ UL 62368-1: 2025
179.		UV light conditioning test	Annex C-2 of IS/IEC 62368-1:2023/IEC 62368-1:2023 /BS EN 62368-1:2024 /AS/NZS 62368.1:2022/ UL 62368-1: 2025
180.		IC that includes a capacitor discharge function	Annex G-16 of IS/IEC 62368-1:2023/IEC 62368-1:2023 /BS EN 62368-1:2024 /AS/NZS 62368.1:2022/ UL 62368-1: 2025
181.		Fail-safe	Annex K-5 of IS/IEC 62368-1:2023/IEC 62368-1:2023 /BS EN 62368-1:2024 /AS/NZS 62368.1:2022/ UL 62368-1: 2025
182.		Mechanically operated safety interlocks	Annex K-6 of IS/IEC 62368-1:2023/IEC 62368-1:2023 /BS EN 62368-1:2024 /AS/NZS 62368.1:2022/ UL 62368-1: 2025

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	IT Equipment		
183.	Audio, Video, Information and Communication Technology Equipment	Interlock circuit isolation	Annex K-7 of IS/IEC 62368-1:2023/IEC 62368-1:2023 /BS EN 62368-1:2024 /AS/NZS 62368.1:2022/ UL 62368-1: 2025
184.		Protection circuits for batteries provided within the equipment	Annex M-3 of IS/IEC 62368-1:2023/IEC 62368-1:2023 /BS EN 62368-1:2024 /AS/NZS 62368.1:2022/ UL 62368-1: 2025
185.		Additional safeguards for equipment containing a secondary lithium battery	Annex M-4 of IS/IEC 62368-1:2023/IEC 62368-1:2023 /BS EN 62368-1:2024 /AS/NZS 62368.1:2022/ UL 62368-1: 2025
186.		Risk of burn due to short-circuit during carrying	Annex M-5 of IS/IEC 62368-1:2023/IEC 62368-1:2023 /BS EN 62368-1:2024 /AS/NZS 62368.1:2022/ UL 62368-1: 2025
187.		Metallized coatings and adhesives securing parts	Annex P-4 of IS/IEC 62368-1:2023/IEC 62368-1:2023 /BS EN 62368-1:2024 /AS/NZS 62368.1:2022/ UL 62368-1: 2025
188.		Limited short-circuit test	Annex R of IS/IEC 62368-1:2023/IEC 62368-1:2023 /BS EN 62368-1:2024

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Electronics Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	IT Equipment		
			/AS/NZS 62368.1:2022/ UL 62368-1: 2025
189.	Audio, Video, Information and Communication Technology Equipment	Drop test	Annex T-7 of IS/IEC 62368-1:2023/IEC 62368-1:2023 /BS EN 62368-1:2024 /AS/NZS 62368.1:2022/ UL 62368-1: 2025
190.		Protection of equipment within an outdoor enclosure	Annex Y-5 of IS/IEC 62368-1:2023/IEC 62368-1:2023 /BS EN 62368-1:2024 /AS/NZS 62368.1:2022/ UL 62368-1: 2025
191.		Mechanical strength of enclosures	Annex Y-6 of IS/IEC 62368-1:2023/IEC 62368-1:2023 /BS EN 62368-1:2024 /AS/NZS 62368.1:2022/ UL 62368-1: 2025
192.	Mobile Phone Language	Indian Language Support for Mobile handsets	IS 16333 (Part 3): 2022

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Toys & Sports Products		
1.	Activity toys	Climbing and swinging ropes, chains and cables	Cl.4.1.5 of IS:9873(P-4): 2017 / ISO:8124(P-4): 2014
2.		Corners and edges	Cl.4.1.3 of ISO:8124(P-4): 2014/ IS:9873(P-4): 2017
3.		Deflation of Inflatable	Cl.6.9 of ISO:8124(P-4): 2014/ IS 9873 (P-4): 2017
4.		Maximum Height	Cl.4.1.2 of ISO:8124(P-4): 2014/ IS:9873(P-4): 2017
5.		Stability Test	Cl. 6.1.1, Cl.6.1.2, Cl.6.1.3, Cl.6.1.4, Cl.6.1.5 of ISO:8124-4): 2025/ IS 9873 (P-4): 2017
6.	Cords, strings and lines for flying toys	Electrical resistance of Cords	Cl. 5.11.6 (Cl. 4.11.11) of IS:9873(P-1):2025/ ISO:8124(P-1): 2022
7.	Electrically Driven ride-on toys	Speed of electrically Driven ride-on toys	Cl.5.17 (Cl. 4.23) of IS 9873(P-1): 2025/ ISO 8124 (P-1): 2022
8.	Expanding Materials, Small parts, Projectile toys with stored Energy, mouth actuated toy, magnetic Toys	Small Parts Test	Cl.5.2 (Cl. 4.3.2, 4.4, 4.18.3, 4.26 and 4.31) of IS 9873 (P-1): 2025/ ISO:8124(P-1):2022
9.	Handle or steering wheel of toys	Jaw entrapment test	Cl. 5.39 (Cl. 4.35) of IS 9873 (P-1):2025 /ISO:8124(P-1): 2018/ISO 8124-1:2022

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Toys & Sports Products		
10.	Large and Bulky toys	Tip-over test	Cl.5.24.3 of IS 9873(P-1): 2025/ ISO 8124-1:2022
11.	Large and bulky toys, battery operated toys	Drop Test	Cl.5.24.2 of IS 9873 (P-1):2025 /ISO 8124-1:2022
12.	Liquid filled toys	Leakage test	Cl.5.19 (Cl. 4.25) of IS 9873(P-1): 2025/ ISO 8124-1:2022
13.	Motion rids toy	Durability Test for suspension connectors and means of suspension	Cl.6.8 of ISO:8124(P-4):2025/ IS 9873 (P-4): 2017
14.	Mouth-actuated toys	Durability test	Cl.5.20 (Cl. 4.26) of IS 9873 (P-1): 2025/ISO 8124-1:2022
15.	Paddling pools toy	Static load test	Cl.6.10 of ISO:8124(P-4):2025/ IS 9873 (P-4): 2017
16.	Pompoms Toys	Test for Pompoms	Cl. 5.5 (Cl. 4.5.3) of IS 9873 (P-1): 2025/ ISO 8124-1:2022
17.	Pompoms Toys	Test for Pompoms	Cl. 5.5 of IS 9873 (P-1): 2025/ ISO 8124-1:2022
18.	Pre-school play figures Toys	Test for pre-school play figures	Cl. 5.6 (Cl. 4.5.4) of IS:9873(P-1): 2025/ ISO 8124-1:2022
19.	Projectiles toys	Kinetic energy test Wall Impact test	Cl. 5.15.1, Cl. 5.15.2 (Cl. 4.18) of IS 9873-1: 2025/ ISO 8124-1:2022

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Toys & Sports Products		
20.	Ride-on toys and stationary toys	Stability and overload tests	Cl. 5.12.1, Cl. 5.12.2, Cl. 5.12.3, Cl. 5.12.4, Cl. 5.12.5, Cl. 5.12.6 (Cl. 4.15) of IS:9873(P-1):2025/ ISO 8124-1:2022
21.	Teethers and teething toys	Teether and Teething toys	ASTM F963:2023 Clause 4.22,16cfr1510
22.	Heavy Immobile Toys / Stability of stationary floor toy/Toys intended to bear the mass of child	Overload Requirements	ASTM F963:2023 Clause 4.15 /8.28
23.		Stability Requirements	ASTM F963:2023 Clause 4.15 /8.15
24.		Abuse Testing	ASTM F963:2023 Clause 8.6
25.		Tension Test	ASTM F963:2023 Clause 8.9
26.		Torque Test	ASTM F963:2023 Clause 8.8
27.	Small balls and projectiles Toys	Small Balls Test	Cl. 5.4 (Cl. 4.5.2,4.18.2) of IS:9873 (P-1): 2025 / ISO 8124-1:2022
28.	Soft filled toys, beanbag-type toys and other similar filled toys, pompoms, toys with projections, metal wires and rods and projectile toys	Tension Test	Cl. 5.24.6 of IS 9873(P-1): 2025/ ISO 8124 (P-1) / ISO 8124-1:2022

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Toys & Sports Products		
29.	Squeeze toys, rattles, fasteners, and certain other toys	Shape and size	Cl.5.3 (Cl. 4.5.1) of IS 9873 (P-1): 2025/ ISO 8124-1:2022
30.	Swings and Similar Toys	Static strength	Cl. 6.2 of ISO:8124(P-4):2025/ IS 9873 (P-4): 2017
31.	Toy pushchairs, perambulators and similar toys	Test for Folding or Sliding Mechanisms Other toys with folding mechanisms	Cl.5.22.1, Cl.5.22.2, Cl.5.22.3 (Cl. 4.12) of IS 9873(P-1): 2025/ ISO 8124-1:2022
32.	Toy scooters	Static Strength for toy scooters	Cl. 5.26 (Cl. 4.30.3) of IS 9873 (P-1): 2025/ISO 8124-1:2022
33.	Toys with projectiles	Length of Suction cup projectiles	Cl. 5.37 (Cl. 4.18.2) of IS:9873 (P-1):2025 /ISO 8124-1:2022
34.		Length of Suction cup projectiles	Cl. 5.37 (Cl. 4.18.2) of IS:9873 (P-1):2025 /ISO 8124-1:2022
35.	Toys	Abuse Testing	Cl.8.6 of ASTM F963: 2023
36.		Accessibility of a part or component	Cl. 8.10 OF EN 71-1/BS EN 71-1:2014 / BS EN 71-1:2026
37.	Toys with projectiles/flight	Assessment of leading parts of projectiles and flying toys	Cl. 8.43 OF EN 71-1/BS EN 71-1:2014 / BS EN 71-1:2026
38.	Toys with chain or cords	Assessment of the tangle potential of two cords or chains	Cl. 8.42 OF EN 71-1/BS EN 71-1:2014 / BS EN 71-1:2026

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Toys & Sports Products		
39.	Toys with brake function	Brake performance	Cl. 8.26 OF EN 71-1/BS EN 71-1:2014 / BS EN 71-1:2026
40.		Brake Performance for toys scooters	Cl. 5.28 (Cl. 4.30.6) of IS 9873 (P-1):2025 /ISO 8124-1:2022
41.	Toys with Breakaway feature	Breakaway feature separation test	Cl. 8.38 OF EN 71-1/BS EN 71-1:2014 / BS EN 71-1:2026
42.	Toys	Compression test	Cl. 8.8 OF EN 71-1/BS EN 71-1:2014 / BS EN 71-1:2026
43.	Toys	Compression Test	Cl.8.10 of ASTM F963: 2023, ASTM F 963-2017 16 CFR 1500.49
44.	Toys with cord	Cords cross-sectional dimension	Cl. 8.20 OF EN 71-1/BS EN 71-1:2014 / BS EN 71-1:2026
45.	Toys with sound function	Determination of emission sound pressure levels	Cl. 8.28 OF EN 71-1/BS EN 71-1:2014 / BS EN 71-1:2026
46.	Ride-on toys	Determination of maximum design speed of electrically-driven ride-on toys	Cl. 8.29 EN 71-1/BS EN 71-1:2014 / BS EN 71-1:2026
47.	Toys with projectiles	Determination of projectile range	Cl. 8.42 OF EN 71-1/BS EN 71-1:2014 / BS EN 71-1:2026
48.	Toys	Drop test	Cl. 8.5 OF EN 71-1/BS EN 71-1:2014 / BS EN 71-1:2026

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Toys & Sports Products		
49.		Drop Test	Cl. 8.7.1 of ASTM F963: 2023
50.	Mouth-actuated toys	Durability of mouth-actuated toys	Cl. 8.17 OF EN 71-1/BS EN 71-1:2014 / BS EN 71-1:2026
51.	Toys	Durability Test for suspension connectors and means of suspension	Cl.6.8 of ISO:8124(P-4):2025/ IS 9873 (P-4): 2017
52.	Ride-on toys	Dynamic strength	Cl. 8.22 OF EN 71-1/BS EN 71-1:2014 / BS EN 71-1:2026
53.	Toys	Electric resistivity of cords	Cl. 8.19 OF EN 71-1/BS EN 71-1:2014 / BS EN 71-1:2026
54.		Expanding materials	Cl. 8.14 OF EN 71-1/BS EN 71-1:2014, BS EN 71-1:2026 ASTM F963-23 clause 4.40
55.		Flammability	IS 9873-2: 2025/ISO 8124-2: 2023/BS EN 71-2: 2020/ ASTM F 963: 2023, 4.2, Annex A5, A6 16 CFR 1500.44: 17
56.	Toys with metallic wires	Flexibility of metallic wires	Cl. 8.13 OF EN 71-1/BS EN 71-1:2014 / BS EN 71-1:2026
57.	Toys with metallic wires/rods	Flexure Test	Cl. 8.12 of ASTM F963: 2023

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Toys & Sports Products		
58.	Toys with Folding or sliding mechanisms	Folding or sliding mechanisms	Cl. 8.18 OF EN 71-1/BS EN 71-1:2014 / BS EN 71-1:2026
59.	Toys with geometric shape	Geometric shape of certain toys	Cl. 8.16 OF EN 71-1/BS EN 71-1:2014 / BS EN 71-1:2026
60.	Toys	Impact test	Cl. 8.7 OF EN 71-1/BS EN 71-1:2014 / BS EN 71-1:2026
61.		Impact Tests	Cl. 8.7 of ASTM F963: 2023
62.		Normal Use Testing	Cl.8.5 of ASTM F963:2023
63.	Toys with projectiles	Kinetic energy of projectiles	Cl. 8.24 OF EN 71-1/BS EN 71-1:2014 / BS EN 71-1:2026
64.	Liquid-filled toys	Leakage of liquid-filled toys	Cl. 8.15 OF EN 71-1/BS EN 71-1:2014 / BS EN 71-1:2026
65.	Toys with cords, chains and electrical cables	Length of cords, chains and electrical cables	Cl. 8.40 OF EN 71-1/BS EN 71-1:2014 / BS EN 71-1:2026
66.	Toys with projectiles	Length of suction cup projectiles	Cl. 8.44 OF EN 71-1/BS EN 71-1:2014 / BS EN 71-1:2026
67.	Toys with magnets	Magnetic flux index	Cl. 8.35 OF EN 71-1/BS EN 71-1:2014 / BS EN 71-1:2026
68.	Toys with temperature function	Measurement of temperature rises	Cl. 8.30 OF EN 71-1/BS EN 71-1:2014 / BS EN 71-1:2026
69.	Toys with cords and chains	Perimeter of cords and chains	Cl. 8.36 OF EN 71-1/BS EN 71-1:2014 / BS EN 71-1:2026

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Toys & Sports Products		
70.	Toys with Plastic sheeting	Thickness of plastic film and sheeting	Cl. 5.10 (Cl. 4.10) of IS 9873(P-1): 2025/ Cl. 8.25 OF BS EN 71-1:2014 / BS EN 71-1:2026
71.	Toys with Self-retracting cords	Self-retracting cords	Cl. 8.39 OF EN 71-1/BS EN 71-1:2014 / BS EN 71-1:2026
72.	Toys	Sharpness of edges	Cl. 8.11 OF EN 71-1/BS EN 71-1:2014 / BS EN 71-1:2026, ASTM F 963-2023, Clause 4.7 16 CFR 1500.49: 2012
73.		Sharpness of points	Cl. 5.9 (Cl. 4.7) of IS 9873(P-1): 2025/ Cl. 8.12 OF BS EN 71-1:2014 / BS EN 71-1:2026
74.		Small balls and suction cups test	Cl. 8.32 OF EN 71-1/BS EN 71-1:2014 / BS EN 71-1:2026
75.	Toys	Small parts cylinder	Cl. 8.2 OF EN 71-1/BS EN 71-1:2014 / BS EN 71-1:2026, ASTM F963-2023, Clause 4.6 16 CFR 1501
76.	Toy with Soaking ability	Soaking test	Cl. 8.9 OF EN 71-1/BS EN 71-1:2014 / BS EN 71-1:2026
77.	Toys	Stability	Cl. 8.23 OF EN 71-1/BS EN 71-1:2014 / BS EN 71-1:2026

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Toys & Sports Products		
78.	Toys	Static strength	Cl. 8.21 OF EN 71-1/BS EN 71-1:2014 / BS EN 71-1:2026
79.	Toy Scooter	Strength of toy scooter steering tubes	Cl. 8.27 OF EN 71-1/BS EN 71-1:2014 / BS EN 71-1:2026
80.		Strength of toy scooters steering tubes	Cl. 5.29 of IS 9873 (P-1): 2025/ ISO 8124 (P-1) :2022
81.	Toys	Tension test	Cl. 8.4 OF EN 71-1/BS EN 71-1:2014 / BS EN 71-1:2026
82.	Toys with magnets	Tension test for magnets	Cl. 8.34 OF EN 71-1/BS EN 71-1:2014 / BS EN 71-1:2026
83.	Toys	Tension Test for Removal of Components	Cl.8.9, Cl. 8.9.1, Cl. 8.9.2 of /ASTM F963: 2023
84.	Play figures	Test for play figures	Cl. 8.33 OF BS/BS EN 71-1:2014 / BS EN 71-1:2026
85.	Mouth-Actuated Toys and Mouth- Actuated Projectile Toys	Test Methods for Mouth-Actuated Toys and Mouth- Actuated Projectile Toys	Cl.8.13, Cl.8.13.1, Cl.8.13.2 of ASTM F963: 2017 /ASTM F963: 2023
86.	Large/Bulky Toys	Tip over test	Cl. 8.6 OF BS/BS EN 71-1:2014 / BS EN 71-1:2026
87.	Large/Bulky Toys	Tip over Test for Large, Bulky Toys	Cl.8.7.2, Cl.8.7.2.1 of ASTM F963: 2023

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Toys & Sports Products		
88.	Toys	Torque test	Cl. 8.3 OF BS EN 71-1:2014 / BS EN 71-1:2026
89.	Toys	Torque Tests for Removal of Components	Cl.8.8 of ASTM F963: 2023
90.	Toy with chest lids	Toy chest lids	Cl. 8.31 OF EN 71-1/BS EN 71-1:2014 / BS EN 71-1:2026
91.	Ball	Yo-Yo balls measurements	Cl. 5.38 (Cl. 4.32) of IS 9873(P-1): 2025/ ISO 8124-1:2022
92.	Ball	Yo-Yo balls measurements	Cl. 8.37 OF EN 71-1/BS EN 71-1:2014 / BS EN 71-1:2026
93.	Toys containing a Heat source	Temperature increase	Cl.5.18 (Cl. 4.24) of IS 9873 (P-1): 2025/ ISO 8124-1:2022
94.	Toys having acoustic requirements	Sound pressure level test	Cl. 5.25 (Cl. 4.29) of IS 9873(P-1): 2025/ ISO 8124-1:2022
95.	Toys having edges, points, holes, clearances and accessibility of mechanisms, Springs	Accessibility of Part or component	Cl. 5.7 of IS 9873 (P-1): 2025/ ISO 8124-1:2022, ASTM F 963-2023, Clause 4.9 16 CFR 1500.48:2012
96.	Toys having metal wires and rods	Flexure Test	Cl. 5.24.8.1, Cl. 5.24.8.2, Cl. 5.24.8.3 (Cl. 4.9) of IS 9873(P-1): 2025/ ISO 8124-1:2022

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Toys & Sports Products		
97.	Toys with edges, metal wires and rods	Sharp-Edge Test	Cl. 5.8 (Cl. 4.6) of IS 9873 (P-1): 2025/ ISO 8124-1:2022
98.	Toys with simulated protective equipment such as helmets, hats and goggles	Impact test for toys that cover the face	Cl. 5.14 (Cl. 4.17) of IS 9873 (P-1):2025 /ISO 8124-1:2022 /Cl.4.19 ASTM F963: 2023
99.	Toys with a projection	Torque Test	Cl. 5.24.5 of IS 9873(P-1): 2025/ /ISO 8124-1:2022
100.	Toys with accessible and non- accessible flat surface	Compression Test	Cl. 5.24.7 of IS 9873(P-1): 2025/ISO 8124-1:2022
101.	Toys with adjustable and folding steering tubes and handlebars	Resistance to separation of handlebar	Cl. 5.30 (Cl. 4.30.5) of IS:9873(P-1):2025/ISO 8124-1:2022
102.	Toys with adjustable and folding steering tubes and handlebars	Resistance to separation of handlebar	Cl. 8.27 of EN 71-1/BS EN 71-1:2014 / BS EN 71-1:2026
103.	Toys with braking requirements, mechanically and electrically powered ride on toys other than toy bicycles	Toys bicycles, Free-wheeling Facility and Brake performance Test	Cl. 5.16,5.16.2, Cl. 5.16.3 (Cl. 4.21,4.22 and 4.22.4) of IS 9873(P-1): 2025/ISO 8124-1:2022

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Toys & Sports Products		
104.	Toys with Closures, chest Lid, Doors and similar devices	Test for Closures Test for Lid support Durability test for toy chest lids	Cl.5.13 (Cl. 4.16) of IS 9873(P-1): 2025 /ISO 8124-1:2022
105.	Toys with cords and elastics	Cord Thickness Self-retraction of pull cords	Cl. 5.11.1 (Cl. 4.11.7) of IS 9873(P-1): 2025/ ISO 8124-1:2022
106.	Toys with cords and elastics	Test for cords	Cl. 5.11.1 to 5.11.5 (Cl. 4.11.2,4.11.3,4.11.4,4.11.5, 4.11.6,4.11.7,4.11.8,4.11.9,4.11.10,4 .11.11) of IS:9873(P-1):2025/ ISO 8124-1:2022
107.	Toys with Expanding materials	Dimensions - Expanding Materials	Cl.5.21 (Cl. 4.3.2) of IS 9873(P-1): 2025 /ISO 8124-1:2022
108.	Toys with magnetic and magnetic components	Impact test for Magnets	Cl. 5.33 (Cl. 4.31.3) of IS 9873(P-1): 2025/ISO 8124-1:2022
109.	Toys with magnetic and magnetic components	Magnetic Flux Index	Cl. 5.32 (Cl. 4.31.2, 4.31.3) of IS:9873 (P-1):2025/ISO 8124-1:2022 / ASTM F963: 2023 / 16 cfr part 1262
110.	Toys with magnet	Magnet Test Method	ASTM F963:2023 Clause 4.38/8.25
111.	Toys with magnetic and magnetic components	Tension test for magnets	Cl. 5.31.1, Cl. 5.31.2, Cl. 5.31.3, Cl. 5.31.4 of IS 9873(P-1): 2025/ISO 8124-1:2022

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Toys & Sports Products		
112.	Toys with magnetic and magnetic components	Soaking test for Magnet	Cl. 5.34 of IS 9873 (P-1):2025 /ISO 8124-1:2022
113.	Washable Toys	Weight increase	Cl. 5.23 of IS:9873 (P-1): 2025/ ISO 8124-1:2022
114.	Wheeled ride- on toys other than toys scooters	Dynamic strength test for wheeled ride- on toys other than toys scooters	Cl. 5.24.4. of IS:9873(P-1):2025 /ISO 8124-1:2022
115.	Toy Scooters	Dynamic strength for toy scooter	Cl. 5.27 of IS:9873(P-1):2025
116.	Toys and Similar product	Normal Use	Cl. 4.1.1 of IS:9873(P-1):2025
117.		Location of warning	Cl. 4.1.2 of IS:9873(P-1):2025
118.		Material Quality	Cl. 4.3.1 of IS:9873(P-1):2025
119.		Shape, Size and Strength of certain toys	Cl. 4.5 of IS:9873(P-1):2025
120.		Projections	Cl. 4.8 of IS:9873(P-1):2025
121.		Holes, Clearances and accessibility of mechanisms	Cl. 4.13 of IS:9873(P-1):2025
122.	Toys with Spring	Springs	Cl. 4.14 of IS:9873(P-1):2025
123.	Toys with Flying	Flying toys	Cl. 4.19 of IS:9873(P-1):2025
124.	Toys and Similar product	Aquatic toys	Cl. 4.20 of IS:9873(P-1):2025

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Toys & Sports Products		
125.	Toys and Similar product	Toy roller skates, toy inline skates and toy skateboards	Cl. 4.27 of IS:9873(P-1):2025
126.		Percussion caps specifically designed for use in toys	Cl. 4.28 of IS:9873(P-1):2025
127.		Sledges and toboggans with cords for pulling	Cl. 4.34 of IS:9873(P-1):2025
128.		Assembly	Cl. 4.36 of IS:9873(P-1):2025
129.		Functional toys	Cl. 4.37 of IS:9873(P-1):2025
130.		Toys intended to come into contact with food	Cl. 4.38 of IS:9873(P-1):2025
131.		Inflatable toys	Cl. 4.39 of IS:9873(P-1):2025
132.		Material Quality	Cl.4.1 of ASTM F963: 2023
133.	Toys	Flammability	Cl.4.2 of ASTM F963: 2023, ASTM F963-2023-Annex A5 and A6,16 CFR 1610,16CFR 1500.3(c)6(vi),16CFR 1500.44
134.	Toys with sound function	Sound-producing toys	Cl.4.5, Cl.8.20 of ASTM F963: 2023

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Toys & Sports Products		
135.	Toys and Similar Products	Accessible Edges	Cl.4.7 of ASTM F963: 2023
136.	Toys and Similar Products	Projections	Cl.4.8 of ASTM F963: 2023
137.	Toys having metal wires and rods	Wires or Rods, Flexure Test	Cl.4.10, Cl.8.12 of ASTM F963: 2023
138.	Toys and Similar Products	Nails and Fasteners	Cl.4.11 of ASTM F963: 2023
139.	Toys with Plastic sheeting	Plastic film	Cl.4.12, Cl.8.22 of ASTM F963: 2023
140.	Toy pushchairs, perambulators and similar toys	Folding Mechanisms and Hinges	Cl.4.13, Cl.8.26.1, Cl.8.26.2 of ASTM F963: 2023
141.	Toys with cords, straps and elastics	Cords, Straps, and Elastics	Cl.4.14, Cl.8.23 of ASTM F963: 2023
142.	Toys and Similar Products	Confined Spaces	Cl.4.16, Cl.4.16.1, Cl.4.16.2, Cl.4.16.3 of ASTM F963: 2023
143.	Toys and Similar Products	Wheels, Tires and Axles	Cl.4.17 of ASTM F963: 2023
144.	Toys and Similar Products	Holes, Clearance and Accessibility of Mechanisms	Cl.4.18 of ASTM F963: 2023
145.	Toys	Pacifiers	Cl.4.20 of ASTM F963: 2023, 16 CFR 1511

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Toys & Sports Products		
146.	Projectiles toys	Projectiles toys, Kinetic energy	Cl.4.21, Cl.8.14 of ASTM F963: 2023
147.	Toys	Rattles	Cl.4.23 of ASTM F963: 2023, 16 CFR 1510
148.	Toys	Squeeze Toys	Cl.4.24 of ASTM F963: 2023, 16 CFR 1510
149.	Toys and Similar Products	Toys Intended to be Attached to a Crib or Playpen	Cl.4.26 of ASTM F963: 2023
150.	Stuffed and beanbag-type toys	Tension test	Cl.4.27, Cl.8.9.1 of ASTM F963: 2023
151.	Toys and Similar Products	Stroller and Carriage Toys	Cl.4.28 of ASTM F963: 2023
152.	Toys and Similar Products	Art Materials	Cl.4.29 of ASTM F963: 2023, 16 CFR 1500.14(b)(8)
153.	Toy Gun	Toy Gun Marking	Cl.4.30 of ASTM F963: 2023
154.	Ballons Toy	Balloons	Cl.4.31 of ASTM F963: 2023, 16 CFR 1500.19
155.	Toys and Similar Products	Certain Toys with Nearly Spherical Ends	Cl.4.32 of ASTM F963: 2023
156.	Toys Marbles	Marbles	Cl.4.33 of ASTM F963: 2023, 16 CFR 1500.19

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Toys & Sports Products		
157.	Toys Balls	Balls	Cl.4.34 of ASTM F963: 2023,16 CFR 1500.18 (a)(17)
158.	Toy Pompoms	Pompoms	Cl.4.35, Cl.8.16 of ASTM F963: 2023
159.	Toys and Similar Products	Hemispheric-Shaped Objects	Cl.4.36 of ASTM F963: 2023
160.	Elastic Tether Toys	Yo Yo Elastic Tether Toys	Cl.4.37, Cl.8.24 of ASTM F963: 2023
161.	Handle or steering wheel of toys	Jaw entrapment test	Cl.4.39 of ASTM F963: 2023
162.	Toy with chest	Toy Chests	Cl.4.41 of ASTM F963: 2023
163.	Toys and Similar Products	Labelling Requirements	Cl.5 of ASTM F963: 2023, CPSIA 2008 Section 103
164.	Toys and Similar Products	Instructional Literature	Cl.6 of ASTM F963: 2023
165.	Wheels, Tires and Axles	Tests for Tire Removal and Snap - in Wheel and Axle Assembly Removal	Cl.8.11 of ASTM F963: 2023
166.	Wheeled ride- on toys other than toys scooters	Dynamic strength test for wheeled ride- on toys other than toys scooters	Cl.8.21 of ASTM F963: 2023

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Toys & Sports Products		
167.	Toys with Closures, chest Lid, Doors and similar devices	Tests for Toy Chest Lids and Closures	Cl.8.27 of ASTM F963: 2023
168.	Toys with Stuffing material	Stuffing Materials Evaluation	Cl.4.3.7 & Cl.8.29 of ASTM F963: 2023
169.	Toys	Expanding Materials	Cl.8.30 of ASTM F963: 2023
170.	Toys	Sharp- point test	Cl. 5.9 of IS 9873 (P-1): 2025ISO 8124-1:2022
171.	Toys with Plastic sheeting	Determination of thickness of plastic film and sheeting	Cl. 5.10 of IS 9873 (P-1): 2025 / ISO 8124-1:2022
172.	Toys and Similar Products	Dynamic strength for toy scooter	Cl. 5.27 of IS 9873 (P-1): 2025 /ISO 8124-1:2022
173.	Toys with projectiles	Determination of projectile range	Cl. 5.35 of IS 9873 (P-1): 2025 /ISO 8124-1:2022
174.	Toys with projectiles	Tip assessment of rigid projectiles	Cl. 5.36 of IS 9873 (P-1): 2025/ISO 8124-1:2022

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Leather & Leather Products		
1.	Footwear-Hawai Chappal	Category and Type, General, Design Sole Patterns Sole Surface	IS 1638, CL.5.2, IS 5676: 1995/RA 2021/A1:2023 CL.3.1,3.2,3.4 of IS 6719: 1972/A1:2023, Cl 4.1, IS 13893:1994/A2:2024 Cl. 5.2 of IS:10702 :2023)/A2:2025 Cl. 5 of IS:6721 :2023/A2:2025 CL.5.1, IS 5676: 1995/A1:2023
2.		Material, Size	Cl. 5.1, of IS:10702:2023/A1:2024 IS 1638.'CL.5.4, IS 5676: 1995/A1:2023, CL.3.5, IS 6719: 1972/A1:2023, IS 13893/1994/A2
3.		Thickness	Cl. 4.3 of IS:10702 :2023)/A2:2025, IS 15298 (Part 1): 2015.'CL.5.5, IS 5676: 1995/A1:2023, CL.3.6, IS 6719: 1972/A1:2023, IS cl. 4.2, 13893:1994/A2:2024 Clause 4.1.3 and 8.3, IS 6664: 1992/A1:2023, IS 15298 (Part 1) (Cl. 4.5 of IS:15844 (Part 1) :2023, Cl. 6.0 of IS:15844 (Part 1) :2023/A2:2025 & Cl. 7.4, 7.5 of IS:15844 (Part 2) :2023)

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Leather & Leather Products		
4.		Relative Density	Annex C, Cl. 4.4 of IS:10702 :2023)/A2:2025, Annex C-1 of IS 10702, CL.5.7, IS 5676: 1995/A1:2023, CL.3.6, IS 6719: 1972/A1:2023, CL.4.3.1, IS 13893:1994/A2:2024 Clause 4.1.3 and 8.3, IS 6664: 1992/A1:2023, IS 3400: Part 9: 2020 (ISO 2781: 2018), BS ISO 2781, BS EN 2781, DIN EN 2781 ASTM D3574, Cl 4.0 of IS 7888, Clause 4.13.3 of IS 17043 (P1):2024, Clause 5.16.3 of IS 17861: 2022/A1:2024
5.	Footwear-Hawai Chappal	Compression set	Annex D, Cl. 5.4 IS:10702 :2023)/A2:2025, Clause 4.1.3 and 8.3, IS 6664: 1992/A1:2023, ASTM D395, Cl 8.0 of IS 7888, Cl. 4.1.6 of IS 3735:1996/A5, IS 3400 (Part10/S1& S2): 2020, Cl. 4.1.7.3 Table 4 of IS 3736 (A1: 1999 + A2: 2001 + A3: 2003):1995
6.		Split Tear Strength	Annex E, Cl. 5.4 of IS:10702 :2023)/A2:2025,

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Leather & Leather Products		
			Clause 4.1.3 and 8.3, IS 6664: 1992/A1:2023
7.	Footwear-Hawai Chappal	Shrinkage @ 50 ºC ± 1 ºC for 24 h for polymeric material	Annex F, Cl. 5.4 of IS:10702 :2023)/A2:2025
8.		Shrinkage @ 100 ºC ± 1 ºC for 1 h for rubber	Annex F, Cl. 5.4 of IS:10702 :2023)/A2:2025
9.		Abrasion Resistance	IS 15298 (Part 1) IS:10702 :2023)/A2:2025 IS 3400 (PART 3) Cl. 5.4 IS:10702:2023/ A1:2024, IS 3400 (Part 3), CL.5.7, IS 5676: 1995/A1:2023, CL.3.6, IS 6719: 1972/A1:2023, Clause 4.1.3 and 8.3, IS 6664: 1992/A1:2023
10.		Flexing Resistance	IS 3400: Part 16 (Cl. 5.4 of IS:10702 :2023)/A2:2025
11.		Hydrolysis Resistance	IS 16645/ISO 5423 (Cl. 5.4 of IS:10702 :2023)/A2:2025
12.		Density of Solid Strap	Annex 'C', Cl. 5.4 of IS:10702 :2023)/A2:2025, Clause 6.5.2.2 of IS 17043 (P2):2024))

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Leather & Leather Products		
13.		Density of Cellular Strap	Annex 'C', Cl. 5.4 of IS:10702 :2023)/A2:2025
14.		Breaking Strength	Annex 'G', Cl. 5.4 of IS:10702 :2023)/A2:2025
15.	Footwear-Hawai Chappal	Extension @ Break	Annex 'G', Cl. 5.4 of IS:10702 :2023)/A2:2025
16.		Cross Section	Cl. 4.4 of IS:10702 :2023)/A2:2025
17.		Stud Bolt	Cl. 4.4 of IS:10702 :2023)/A2:2025
18.		Toe post attachment strength	Annex 'H', Cl. 5.4 of IS:10702 :2023)/A2:2025
19.		Attachment strength of rear strap	Annex 'H', Cl. 5.4 ofIS:10702 :2023)/A2:2025
20.		Inter layer bond strength	IS 15298: Part 1 (Cl. 5.4 of IS:10702 :2023)/A2:2025
21.	PVC sole	Volatility	CL.3.6, IS 6719: 1972/A1:2023, IS 12240Part 4:1988, Cl. 5.6 of IS 12254:1993/A2, Cl. 8.4 of IS 16694: 2018
22.	Footwear-Hawai Chappal	Marking	Cl. 6.1 of IS:10702 :2023)/A2:2025 CL.10.1 of IS:6721:2023/A2:2025 (Cl. 4.4 of IS:15844 (Part 1) :2023/ (Cl. 7.0 of IS:15844 (Part 1) :2023/A2:2025

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Leather & Leather Products		
			& Cl. 8 of IS:15844 (Part 2) :2023)/A1:2024 Clause 8 of IS 15844 (Part 3): 2024), CL.6, IS 5676: 1995/A1:2023 IS 13893:1994/A2:2024, IS 6719: 1972/A1:202,
23.	Footwear-Sandal and Slippers	Tear strength	Method B of IS 7016 (Part 3/Sec 1) : 2022/ISO 4647-1 : 2016 or IS 8085 (Part 9:2023)/ISO 17696 : 2004 (Cl. 8.1 of IS:6721 :2023)CL.9 of IS:6721 :2023/A2:2025,IS 5914 (Part 5/Sec 2)/ISO 3377-2 (Cl. 8.1 of IS:6721 :2023)CL.9 of IS:6721 :2023/A2:2025,IS 5914 (Part 5/Sec 2)/ISO 3377-2 /Method B of IS 7016 (Part 3/Sec 1) : 2017/ ISO 4674-1 : 2016 (Cl. 8.3 of IS:6721 :2023)CL.9 of IS:6721 :2023/A2:2025,IS 5914 (Part 5/Sec 2)/ISO 3377-2 (Cl. 4.4 of IS:15844 (Part 1) :2023Cl. 6.0 of IS:15844 (Part 1) :2023/A2:2025 & Cl. 7.2 of IS:15844 (Part 2) :2023)/A1:2024,ASTM D751, DIN 53356 IS 5914 : Part 5 : Sec 1 : 2023 (ISO 3377-1:2011) IS 5914 : Part 5 : Sec 2 : 2023 (ISO 3377-2:2016) IS 15298 (Part 1) (Cl. 4.4

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Leather & Leather Products		
			of IS:15844 (Part 1) :2023Cl. 6.0 of IS:15844 (Part 1) :2023/A2:2025 & Cl. 7.2, 7.3 of IS:15844 (Part 2) :2023)/A1:2024,BS EN ISO 3377-1,BS EN ISO 3377-2,BS EN ISO 3377-2,BS EN ISO 3377-1,BS EN ISO 3377-2,BS EN ISO 3377-1,EN ISO 3377-1,EN ISO 3377-2
24.	Footwear-Sandal and Slippers	Flexing endurance (Bally flex)	IS 8085 (Part 20)/ISO 17694: 2016 (Cl. 8.1 of IS:6721 :2023) CL.9 of IS:6721 :2023/A2:2025, IS 5914: Part 6: Sec 1: 2023 (ISO 5402-1: 2022) ASTM D6182-00 (2015), BS EN ISO 5402-1, DIN EN ISO 5402-1, EN ISO 5402-1ISO 17227, ISO: 32100
25.		Abrasion resistance	IS 8085(Part 6): 2021/ISO 17704: 2004 (Cl. 8.2 of IS:6721 :2023) CL.9 of IS:6721 :2023/A2:2025
26.		Grain crack index	IS 5914 (Part 7):2023/ISO 3378: 2002 (Cl. 8.4 of IS:6721 :2023) CL.9 of IS:6721 :2023/A2:2025, ISO 3378 (Clause 6.5.2.1 of IS 17043 (P2):2024), IS 14970: 2001/RA2017

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Leather & Leather Products		
27.		Density	IS 5914 (Part 4) /ISO 2420: 2017 (Cl. 8.4 of IS:6721 :2023) CL.9 of IS:6721 :2023/A2:2025, (Clause 6.5.2.1 of IS 17043 (P2):2024)), ASTM D792, DIN 53479
28.		Abrasion Resistance (Leather sole)	Annex B, Cl. 8.4 of IS:6721 :2023 CL.9 of IS:6721 :2023/A2:2025
29.	Footwear-Sandal and Slippers	Density	IS 3400 (Part 9) : 2020/ISO 2781: 2018; Cl. 8.4 of IS:6721 :2023 CL.9 of IS:6721 :2023/A2:2025,Cl. 4.6 (table 1) of IS 5867 (A1: 1993): 1970, Cl. 5.2.2, 5.2.11, Table 1, Table 2 of IS 14544:1998, Cl. 5.2.11 table 1, Table 2 of IS 11226 (A1: 1994 + A2: 1998):1993, Cl. 5.1.4.1 Table 2 of IS 5557 PART1:2004, Cl. 7.7 of IS 16694:2018, IS 12240 Part 3:1988, Cl. 5.5 of IS 12254:1993/A2, Cl. 3.2.1 table 1 of IS 11544:1986, ISO 2781:2018, SASO ISO 2781:2008, SATRA TM134, Cl. 4.14.3 of IS 17012:2018/A1, Cl. 4.14.3 of IS 17037 (A1: 2021): 2018, Cl. 4.1.6 of IS 3735:1996/A5,

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Leather & Leather Products		
			IS 3400 Part 9: 2020, Cl. 4.1.7.3 Table 4 of IS 3736 (A1:1999 + A2: 2001+A3:2003):1995,
30.		Abrasion resistance	IS 3400 (Part 3): 2021/ISO 4649: 2017 (Cl. 8.4 of IS:6721 :2023) CL.8.0 of IS:6721 :2023/A2:2025
31.		Flexing resistance	IS 8085 (Part 4): 2019/ISO 1617: 2017 (Cl. 8.4 of IS:6721 :2023) CL.8.0 of IS:6721 :2023/A2:2025
32.	Footwear-Sandal and Slippers	Bond strength	IS 15298-1: (Cl. 8.5 of IS:6721 :2023) Cl. 8.0 of IS 6721 :2023/A2:2025 IS 8085: Part 3: 2021 ISO 17708: 2018 BS EN ISO 17708, DIN EN ISO 17708, EN ISO 17708
33.		Toe post attachment strength	Annex C; Cl. 8.5 of IS 6721 :2023 Cl. 8.0 of IS:6721: 2023/A2:2025
34.		Toe ring attachment strength	Annex C; Cl. 8.5 of IS 6721 :2023 Cl. 8.0 of IS:6721: 2023/A2:2025
35.		Strap to outsole strength	IS 8085 (Part 11:2023)/ISO 24263; Cl. 8.5 of IS:6721: 2022 Cl. 8.0 of IS:6721: 2023/A2:2025

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Leather & Leather Products		
36.		attachment strength of back strap and Buckle/D-ring	Annex D; Cl. 8.5 of IS:6721 :2023 Cl. 8.0 of IS6721: 2023/A2:2025 ISO 24263:2020
37.		Useful extension limit % of elastic attachment	IS 8085 (Part 12)/ISO 10765/Cl. 8.5 of IS:6721: 2023 Cl. 8.0 of IS 6721: 2023/A2:2025
38.		attachment strength of back strap and Velcro	Annex D; Cl. 8.5 of IS:6721 :2023/CL.8.0 of IS:6721: 2023/A2:2025
39.		Hydrolysis resistance	Annex B and Annex E of IS 16645: 2018/ISO 5423: 1992 (Cl. 8.5 of IS:6721 :2023) CL.8.0 of IS:6721 :2023/A2:2025, IS 15298 (Part 1), CL.4.3.1, IS 13893:1994/A2:2024
40.	Footwear-Sandal and Slippers	Heel pull off strength	IS 8085 (Part 10):2023/ ISO 22650: 2018 (Cl. 8.5 of IS:6721 :2023) CL.8.0 of IS:6721 :2023/A2:2025 BS EN ISO 12785:2000, DIN EN 12785
41.		Inter layer bond strength	IS 15298-1: 2016 (Cl. 8.5 of IS:6721 :2023) CL.8.0 of IS:6721 :2023/A2:2025
42.		Slip Resistance	Annex E of IS 15844 (Part 1) (Cl. 8.5 of IS:6721 :2023)CL.8.0 of IS:6721 :2023/A2:2025,Clause 4.5.4 of IS 17043

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Leather & Leather Products		
			(P1):2024,Clause 5.4 of IS 17043 (P1):2024),Clause 5.5.5 of IS 17861 : 2022/A1:2024,Clause 7.1.5 of IS 15844 (Part 3): 2024(Cl. 7.1.8 of IS:15844 (Part 2) :2023)/A1:2024 ,,(Cl. 4.3.9 of IS:15844 (Part 1) :2023)/Cl 5 of IS:15844 (Part 1) :2023)A2:2025 ,SATRA TM144:2021 ASTM F2913:2019, IS 15844:2023/A1 ISO 24267:2020, IS 8085 : Part 25 : 2024 (ISO 13287 : 2019) ,Cl. 5.14 of ISO 20344:2021- Amd 1:2024/IS 15298 : Part 1: 2024, Cl. 5.14 of BS EN ISO 20344:2021+A1:2024; DIN EN ISO 20344:2024 Cl. 5.11 of SASO ISO 20344:2011/Cl. 5.11 of IS 15298- 1:2015; Cl. 5.3.5, 6.2.10 of ISO 20345:2021- Amd 1:2024/ IS 15298: Part 2: 2024 Cl. 5.3.5, 6.2.10 of BS EN ISO 20345:2022+A1:2024/ DIN EN ISO 20345:2024 Cl. 5.3.5, 6.2.10 of ISO 20346:2021- Amd 1:2024/ IS 15298: Part 3: 2024 Cl. 5.3.5, 6.2.10 of BS EN ISO

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Leather & Leather Products		
			20346:2022+A1:2024/ DIN EN ISO 20344:2024 Cl. 5.3.5.2, 5.3.5.3, 5.3.5.4 of IS 15298- 3:2019; Cl. 5.3.4, 6.2.9 of ISO 20347:2021- Amd 1:2024/ IS 15298: Part 4: 2024Cl. 5.3.4, 6.2.9 of BS EN ISO 20347:2022+A1:2024 /DIN EN ISO 20347:2024,BS EN 13634: 2017
43.	Footwear-Sports Footwear	Adhesion Test	Cl. 4.3.2 & 4.3.3 of IS:6721 :2023
44.		In sock	(Cl. 3.4 of IS:15844 (Part 1) :2023/A2:2025
45.		Flexing resistance	IS 5914 (Part 6/Sec1)/ISO 5402-1 (Cl. 4.4 of IS:15844 (Part 1) :2023/ (Cl. 6.0 of IS:15844 (Part 1) :2023/A2:2025 & Cl. 7.2 of IS:15844 (Part 2) :2023)/A1:2024
46.	Footwear-Sports Footwear	Water vapour coefficient	IS 15298 (Part 1) (Cl. 4.4 of IS:15844 (Part 1) :2023, Cl. 6.0 of IS:15844 (Part 1) :2023/A2:2025 & Cl. 7.2 of IS:15844 (Part 2) :2023)/A1:2024
47.		Stitch tear strength	LP 8 of IS 5914 (Cl. 4.4 of IS:15844 (Part 1) :2023Cl. 6.0 of IS:15844 (Part 1) :2023/A2:2025 & Cl. 7.2 of IS:15844 (Part 2)

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Leather & Leather Products		
			:2023)/A1:2024, IS 16257: 2014/RA 2019 (ISO 23910: 2007) Cl 5.2.1 of IS 2573:2023, Annex H of IS:15844 (Part 1) :2023, Cl. 6.0 of IS:15844 (Part 1) :2023/A2:2025 (Cl. 7.7 of IS:15844 (Part 2) :2023/A1:2024), IS 5867 ISO 20875:2018, DIN EN ISO 23910, EN ISO 23910, ISO 23910
48.		Breaking strength	(Cl. 4.4 of IS:15844 (Part 1) :2023) Cl. 6.0 of IS:15844 (Part 1) :2023/A2:2025/ Method 1 of IS 7016 (Part 2)/ ISO 1421: 2016 or ISO 17706 (Cl. 7.2 of IS:15844 (Part 2) :2023)/ Annex K of IS 15844 (Part 1) (Cl. 7.11 of IS:15844 (Part 2) :2023)/A1:2024, IS 8085: Part 26: 2024, ASTM D5034/D5035, ISO 2062:2009 Method A
49.	Footwear-Sports Footwear	Elongation at break	(Cl. 4.4 of IS:15844 (Part 1) :2023) Cl. 6.0 of IS:15844 (Part 1) :2023/A2:2025/ Method 1 of IS 7016 (Part 2)/ ISO 1421: 2016 or ISO 17706 (Cl. 7.2 of IS:15844 (Part 2) :2023)/ Annex K of IS 15844 (Part 1) (Cl. 7.11 of IS:15844 (Part 2) :2023)/A1:2024,

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Mechanical Testing			
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	Leather & Leather Products		
			IS 8085: Part 26: 2024, ASTM D5034/D5035, ISO 2062:2009 Method A
50.		Flexing resistance	IS 8085(PART 20)/ISO 17694 (Cl. 4.4 of IS:15844 (Part 1) :2023) Cl. 6.0 of IS:15844 (Part 1) :2023/A2:2025,7.2 of IS:15844 (Part 2) :2023)/A1:2024
51.		Water vapour coefficient	IS 15298 (Part 1) (Cl. 4.4 of IS:15844 (Part 1) :2023), Cl. 6.0 of IS:15844 (Part 1) :2023/A2:2025,7.2 of IS:15844 (Part 2) :2023)/A1:2024
52.		Hydrolysis resistance	IS 16645:2018/ISO 5423: 1992, IS 15298 (Part 1)' (Cl. 4.4 of IS:15844 (Part 1): 2023 Cl. 6.0 of IS:15844 (Part 1) :2023/A2:2025 & Cl. 7.2 of IS:15844 (Part 2) :2023)/A1:2024, Cl. 7.3.1 of IS 16994: 2018
53.	Footwear-Sports Footwear	Bursting Strength	IS 1966 (Part 2)/ISO 13938-2: 2019 (Cl. 4.4 of IS:15844 (Part 1) :2023, Cl. 6.0 of IS:15844 (Part 1) :2023/A2:2025 & Cl. 7.2 of IS:15844 (Part 2) :2023)/A1:2024, ASTM D3786/D3786M-09
54.		Tear strength	IS 15298 (Part 1) (Cl. 4.5 of IS:15844 (Part 1) :2023, Cl. 6.0 of IS:15844 (Part 1)

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Leather & Leather Products		
			:2023/A2:2025 & Cl. 7.2, 7.6 of IS:15844 (Part 2) :2023)/A1:2024, IS 6489, DIN 53515, ASTM D624 IS 3400: Part 12: 2022 (ISO 34-1:2015),
55.		Abrasion resistance	IS 15298 (Part 1) (Cl. 4.5 of IS:15844 (Part 1) :2023, Cl. 6.0 of IS:15844 (Part 1) :2023/A2:2025 & Cl. 7.2, 7.3, 7.4 of IS:15844 (Part 2) :2023)/A1:2024
56.		Water vapour coefficient	IS 15298 (Part 1) (Cl. 4.5 of IS:15844 (Part 1) :2023/A2:2025 & Cl. 7.2, 7.3 of IS:15844 (Part 2) :2023)/A1:2024
57.		Flexing Index	Annex 'F' of IS:15844 (Part 1) :2023 (Cl. 4.5 of IS:15844 (Part 1) :2023, Cl. 6.0 of IS:15844 (Part 1) :2023/A2:2025 & Cl. 7.4 of IS:15844 (Part 2) :2023)/A1:2024, SATRA TM3: 1999, IS 15844 (Part 1) Annex F (Clause 6.3 of IS 17043 (P2):2024), Clause 7.4 of IS 15844 (Part 3): 2024)
58.	Footwear-Sports Footwear	Water Desorption	IS 15298 (Part 1) (Cl. 4.5 of IS:15844 (Part 1) :2023, Cl. 6.0 of IS:15844 (Part 1) :2023/A2:2025 & Cl. 7.4, 7.5 of IS:15844 (Part 2) :2023)/A1:2024

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Leather & Leather Products		
59.		Water Absorption	IS 15298 (Part 1) (Cl. 4.5 of IS:15844 (Part 1) :2023, Cl. 6.0 of IS:15844 (Part 1) :2023 /A2:2025 & Cl. 7.4, 7.5 of IS:15844 (Part 2) :2023)/A1:2024
60.		Abrasion Resistance	IS 3400 (Part 3)/ISO 4649 (Cl. 4.8 of IS:15844 (Part 1) :2023), Cl. 6.0 of IS:15844 (Part 1) :2023/A2:2025/ IS 15298 (Part 1) (Cl. 7.4, 7.6 of IS:15844 (Part 2) :2023)/A1:2024, IS 5867
61.		Flexing resistance (Bata belt)	IS 8085 (Part 4) (Cl. 4.8 of IS:15844 (Part 1) :2023), Cl. 6.0 of IS:15844 (Part 1) :2023/A2:2025/7.6 of IS:15844 (Part 2) :2023)/A1:2024, (ISO 16177: 2012), BS EN ISO 16177, DIN EN ISO 16177, EN ISO 16177
62.		Flexing resistance	Annex D of IS:15844 (Part 1) :2023/A2: 2025, IS 8085 (Part 4)/ISO 16177: 2012IS 8085 (Part 4)/ISO 16177: 2012 (Cl. 7.6 of IS:15844 (Part 2) :2023)
63.	Footwear-Sports Footwear	Hydrolysis resistance	IS 15298 (Part 1) (Cl. 4.8 of IS:15844 (Part 1) :2023, Cl. 6.0 of IS:15844 (Part 1)

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Leather & Leather Products		
			:2023/A2:2025 & (Cl. 7.6 of IS:15844 (Part 2) :2023)/A1:2024
64.		Compression set	Annex G of IS:15844 (Part 1) :2023, Cl. 6.0 of IS:15844 (Part 1) :2023/A2:2025 (Cl. 7.6, 7.7 of IS:15844 (Part 2) :2023)/A1:2024
65.		Heat shrinkage/Heat ageing	Annex J of IS:15844 (Part 1) :2023, Cl. 6.0 of IS:15844 (Part 1) :2023/A2:2025& (Cl. 7.5, 7.7 of IS:15844 (Part 2) :2023)/A1:2024, Clause 4.1.3 and 8.3, IS 6664: 1992/A1:2023, IS 3400: Part 4: 2012/RA2017 (ISO 188: 2011), IS 5914: Part 9: 2024 (ISO 17232: 2017) ISO 20870:2017Cl 5.2.1 of IS 2573:2023, LP 10 of IS 5914 BS EN 12749Cl 9.0, 10.0 of IS 7888, IS 5867
66.		First dry collapsing load	A-3.2.6 of IS 7554 (Cl. 4.10 of IS:15844 (Part 1) :2023, Cl. 6.0 of IS:15844 (Part 1) :2023/A2:2025 & (Cl. 7.8 of IS:15844 (Part 2) :2023)/A1:2024
67.	Footwear-Sports Footwear	Resilience, percent	A-3.4 of IS 7554 (Cl. 4.10 of IS:15844 (Part 1) :2023, Cl. 6.0 of IS:15844 (Part 1)

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Leather & Leather Products		
			:2023/A2:2025 & (Cl. 7.8 of IS:15844 (Part 2) :2023)/A1:2024
68.		Moisture resistance	A-3.5 of IS 7554 (Cl. 4.10 of IS:15844 (Part 1) :2023, Cl. 6.0 of IS:15844 (Part 1) :2023 /A2:2025, & (Cl. 7.8 of IS:15844 (Part 2) :2023)
69.		Initial dry area shape retention	A-3.1 of IS 7554 (Cl. 4.10 of IS:15844 (Part 1) :2023, Cl. 6.0 of IS:15844 (Part 1) :2023/A2:2025 & (Cl. 7.8 of IS:15844 (Part 2) :2023)/A1:2024, SATRA TM186
70.		Area shape retention after 10^{th} collapse	A-3.3 of IS 7554 (Cl. 4.10 of IS:15844 (Part 1) :2023, Cl. 6.0 of IS:15844 (Part 1) :2023/A2:2025 & (Cl. 7.8 of IS:15844 (Part 2) :2023)/A1:2024, SATRA TM186
71.		Peel strength	IS 8085 (Part 18)/ISO 22777 (Cl. 4.11 of IS:15844 (Part 1) :2023), Cl. 6.0 of IS:15844 (Part 1) :2023/A2:2025/ Annex C of IS 15844 (Part 1) (Cl. 7.8, 7.9 of IS:15844 (Part 2) :2023)
72.		Shear strength	ISO 22776 (Cl. 4.11 of IS:15844 (Part 1) :2023, Cl. 6.0 of IS:15844 (Part 1)

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Leather & Leather Products		
			:2023/A2:2025/IS 8085 (Part 19)/ISO 22776 (Cl. 7.9 of IS:15844 (Part 2) :2023)/A1:2024
73.	Footwear-Sports Footwear	Limit of useful extension %	IS 8085 (Part 12)/ISO 10765 (Cl. 4.12 of IS:15844 (Part 1) :2023, Cl. 6.0 of IS:15844 (Part 1) :2023/A2:2025 & (Cl. 7.10 of IS:15844 (Part 2) :2023)/A1:2024
74.		Breaking strength of lace/ Thread	Annex 'K' (Cl. 4.13 of IS:15844 (Part 1) :2023), Cl. 6.0 of IS:15844 (Part 1) :2023/A2:2025, (Cl. 7.11 of IS:15844 (Part 2) :2023)/A1:2024, IS 4930 (Part-3)
75.		Lace tag strength	Annex 'L' (Cl. 4.13 of IS:15844 (Part 1) :2023), Cl. 6.0 of IS:15844 (Part 1) :2023/A2:2025 (Cl. 7.11 of IS:15844 (Part 2) :2023)/A1:2024
76.		Lace to lace abrasion	IS 8085 (Part 17)/ISO 22774 (Cl. 4.13 of IS:15844 (Part 1) :2023), Cl. 6.0 of IS:15844 (Part 1) :2023/A2:2025 (Cl. 7.11 of IS:15844 (Part 2) :2023), DIN EN ISO 22774, BS EN ISO 22774, EN ISO 22774
77.		Strength of Buckle/Ski hook	Annex 'M' (Cl. 4.13 of IS:15844 (Part 1) :2023), Cl. 6.0 of IS:15844 (Part 1) :2023

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Leather & Leather Products		
			/A2:2025, (Cl. 7.11 of IS:15844 (Part 2) :2023)/A1:2024
78.	Footwear-Sports Footwear	Corrosion resistance (Metal parts)	IS 17098 (Cl. 4.13 of IS:15844 (Part 1) :2023), Cl. 6.0 of IS:15844 (Part 1) :2023/A2:2025 (Cl. 7.11 of IS:15844 (Part 2) :2023)/A1:2024
79.		Elongation @ break	IS 5914 (Part 8)/ISO 3376, IS:15844 (Part 1) :2023)/A2:2025, / Method 1 of IS 7016 (Part 2)/ISO 1421: 2016 or ISO 17706 (Cl. 7.2 of IS:15844 (Part 3) :2024)/ IS 3400 (Part 1)/ISO 37: 2017 (Cl. 7.6, 7.7 of IS:15844 (Part 2) :2023)/A1:2024, BS EN 12803, DIN EN 12803, EN 12803
80.		Water Penetration	IS 15298 (Part 2) (Cl. 7.2 of IS:15844 (Part 2) :2023)/A1:2024
81.		Water Absorption	IS 15298 (Part 2) (Cl. 7.2 of IS:15844 (Part 2) :2023)/A1:2024
82.		Abrasion Test	IS 15298 (Part 1) (Cl. 7.2 of IS:15844 (Part 2) :2023)/A1:2024
83.		Strength Of needle perforation	Method 'A' of IS 8085 (Part 13)/ISO 17697 (Cl. 7.2 of IS:15844 (Part 2) :2023)/A1:2024, ISO 20874:2018

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Leather & Leather Products		
84.		Needle strength	Method 'A' of IS 8085 (Part 13)/ISO 17697 (Cl. 7.9 of IS:15844 (Part 2) :2023)/A1:2024
85.	Footwear-Shoes	Design- Size	Clause 4.3.1 of IS 17043 (P1):2024
86.	Footwear-Shoes	Design- Weight	Clause 4.3.2 of IS 17043 (P1):2024
87.		Design- Height of upper	Clause 4.4 of IS 17043 (P1):2024
88.		Whole footwear- Ergonomic feature	Clause 4.4 of IS 17043 (P1):2024
89.		Whole footwear- Bond strength	Clause 4.5.3 of IS 17043 (P1):2024
90.		Whole footwear- Upper - outsole bond strength	Clause 4.5.3.1 of IS 17043 (P1):2024
91.		Whole footwear- Interlayer bond strength	Clause 4.5.3.2 of IS 17043 (P1):2024
92.		Whole footwear- Electrical properties	Clause 4.5.5 of IS 17043 (P1):2024
93.		Whole footwear- Antistatic footwear	Clause 4.5.5.1 of IS 17043 (P1):2024
94.		Whole footwear- Energy absorption of seat region	Clause 4.5.8 of IS 17043 (P1):2024
95.		Upper- Material	Clause 4.6.1 of IS 17043 (P1):2024

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Leather & Leather Products		
96.		Upper- Thickness	Clause 4.6.1 of IS 17043 (P1):2024, ASTM D1777
97.		Upper- Tear strength	Clause 4.6.2 of IS 17043 (P1):2024
98.		Upper- Water penetration and water absorption	Clause 4.6.4 of IS 17043 (P1):2024
99.	Footwear-Shoes	Lining material- Material	Clause 4.7.1 of IS 17043 (P1):2024
100.		Lining material- Thickness	Clause 4.7.1 of IS 17043 (P1):2024
101.		Lining material- Tear strength	Clause 4.7.2 of IS 17043 (P1):2024
102.		Lining material- Abrasion resistance	Clause 4.7.3 of IS 17043 (P1):2024
103.		Insole- Material	Clause 4.8.1 of IS 17043 (P1):2024
104.		Insole- Thickness	Clause 4.8.1 of IS 17043 (P1):2024, SATRA TM 1
105.		Insole- Abrasion resistance	Clause 4.8.2 of IS 17043 (P1):2024 ISO 20868
106.		Insole- Water absorption and desorption	Clause 4.8.3 of IS 17043 (P1):2024 ISO 22649, BS EN ISO 22649, DIN EN ISO 22649, EN ISO 22649
107.		In socks- Material	Clause 4.9.1 of IS 17043 (P1):2024

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Leather & Leather Products		
108.		In socks- Thickness	Clause 4.9 of IS 17043 (P1):2024
109.		In socks- Water absorption and desorption	Clause 4.9.2 of IS 17043 (P1):2024
110.		In socks- Abrasion resistance	Clause 4.9.3 of IS 17043 (P1):2024 IS 8085 Part 6: 2021
111.	Footwear-Sports Footwear	Toe puff and counter stiffener- Material and thickness	Clause 4.10 of IS 17043 (P1):2024
112.		Tongue- Material	Clause 4.11.1 of IS 17043 (P1):2024
113.		Tongue- Thickness	Clause 4.11.1 of IS 17043 (P1):2024
114.		Tongue- Tear strength	Clause 4.11.2 of IS 17043 (P1):2024
115.		Closing thread- Breaking load	Clause 4.12 of IS 17043 (P1):2024
116.		Outsole- Material	Clause 4.13.1 of IS 17043 (P1):2024
117.		Outsole- Thickness	Clause 4.13.2 of IS 17043 (P1):2024
118.		Outsole- Hardness	Clause 4.13.4 of IS 17043 (P1):2024, IS 12240 (Part 2), CL.5.7, IS 5676: 1995/A1:2023 CL.3.6, IS 6719: 1972/A1:2023 Clause 4.1.3 and 8.3,IS 6664 :

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Leather & Leather Products		
			1992/A1:2023,IS 3400 : Part 2: Sec 4 : 2022 (ISO 48-4 : 2018, IS 3400 : Part 2: Sec 3 : 2022 (ISO 48-3 : 2018), IS 3400 : Part 2: Sec 9 : 2022 (ISO 48-9 : 2018), IS 3400 : Part 2 : 2014 (ISO 48 : 2010), IS 3400-5:2020 IS 3400 : Part 2 : Sec 2 : 2023 (ISO 48-2 : 2018), IS 13360-5 :2013
119.	Footwear-Sports Footwear	Outsole- Ageing test	Clause 4.13.5 of IS 17043 (P1):2024
120.		Outsole- Tear strength	Clause 4.13.6 of IS 17043 (P1):2024 ISO 20872:2018, ASTM D624, SATRA TM 218
121.		Outsole- Abrasion resistance	Clause 4.13.7 of IS 17043 (P1):2024
122.		Outsole- Flexing resistance	Clause 4.13.8 of IS 17043 (P1):2024
123.		Eyelet (Material, dimension, shape)	Clause 4.14 of IS 17043 (P1):2024 IS 5041:1978-A1 AND A2 /RA2023
124.		Eyelet- Colour peeling test	Clause 4.14 of IS 17043 (P1):2024
125.		Eyelet- Eyelet pull out test	Clause 4.14 of IS 17043 (P1):2024
126.		Laces- Material	Clause 4.15.1 of IS 17043 (P1):2024
127.		Laces-Breaking load and tag retention	Clause 4.15.2 of IS 17043 (P1):2024

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Leather & Leather Products		
128.		Shape and design	Clause 5.1 of IS 17043 (P2):2024
129.		Construction	Clause 5.2 of IS 17043 (P2):2024
130.		Material	Clause 5.3 of IS 17043 (P2):2024
131.		Bond strength- Upper to outsole	IS 15844 (Part 1) Annex C (Clause 5.4 of IS 17043 (P2):2024)
132.		Inter layer bond strength- Midsole to outsole	IS 15844 (Part 1) Annex C (Clause 5.4 of IS 17043 (P2):2024)
133.	Footwear-Shoes	Whole shoe flexing, flexes	IS 8085 (Part 16) Method A (Clause 5.4 of IS 17043 (P2):2024
134.		Water proofness on complete shoe	Clause 5.4 of IS 17043 (P2):2024
135.		Attachment strength of strap and buckle/D-ring	IS 6721 Annex D (Clause 5.4 of IS 17043 (P1):2024)
136.		Attachment strength of strap and Velcro	IS 6721 Annex D (Clause 5.4 of IS 17043 (P2):2024)
137.		Strength of eyelet attachment	Annex C, Clause 5.4 of IS 17043 (P2):2024
138.		Heel pull off strength	IS 8085 (Part 10) (Clause 5.4 of IS 17043 (P2):2024)

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Leather & Leather Products		
139.		Top piece attachment strength	ISO 19958 (Clause 5.4 of IS 17043 (P2):2024) ISO 24264:2020, IS 8085: Part 28: 2024
140.		Seam strength	IS 8085 (Part 13) Method B (Clause 5.4 of IS 17043 (P2):2024), BS 5131 Section 5.13 :1980, ISO 17697:2016 Method B, SASO ISO 17697:2016 Method B, SATRA TM180: 2016, DIN EN ISO 17697, EN ISO 17697, BS EN ISO 17697
141.		Whole shoe topline strength	Annex D, Clause 5.4 of IS 17043 (P2):2024
142.	Footwear-Shoes	Abrasion resistance	Clause 5.4 of IS 17043 (P2):2024
143.		Hydrolysis resistance	IS 15298 (Part 1) (Table 1 of IS 17011 (Clause 5.4 of IS 17043 (P2):2024))
144.		Upper Material Leather-Tear strength,	IS 5914 (Part 5/Sec 2)/ ISO 3377-2 (Clause 6.1.1 of IS 17043 (P2):2024))
145.		Upper Material Leather-Flexing resistance (VAMP FLEXING)	IS 5914 (Part 6/Sec1) (Clause 6.1.1 of IS 17043 (P2):2024)), IS 5914: Part 6: Sec 2: 2023 (ISO 5402-2: 2015) IS 16255: 2014/RA 2019 (ISO 22288: 2006)

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Leather & Leather Products		
			SATRA TM 25, BS EN ISO 5402-2, DIN EN ISO 5402-2, EN ISO 5402-2
146.		Upper Material Leather- Water vapour coefficient	IS 15298 (Part 1) (Clause 6.1.1 of IS 17043 (P2):2024))
147.		Stitch tear strength	IS 5914 - LP 8 (Clause 6.1.1 of IS 17043 (P2):2024)), IS 5867
148.		Upper Material Leather- Abrasion resistance	IS 15298 (Part 1) (Clause 6.1.1 of IS 17043 (P2):2024))
149.		Upper Material Leather- Water resistance	IS 15298 (Part 1) (Clause 6.1.2 of IS 17043 (P2):2024))
150.		Upper Material Leather- Flexing resistance	IS 5914 (Part 6/Sec1) (Clause 6.1.2 of IS 17043 (P2):2024))
151.	Footwear-Shoes	Upper Material (Non-Leather)- Breaking strength	ISO 17706 (Clause 6.1.3 of IS 17043 (P2):2024)), DIN EN ISO 17706, BS EN ISO 17706, EN ISO 17706
152.		Upper Material (Non-Leather)- Elongation at break	ISO 17706 (Clause 6.1.3 of IS 17043 (P2):2024)), DIN EN ISO 17706, BS EN ISO 17706, EN ISO 17706
153.		Upper Material (Non-Leather)- Tear Strength	IS 7016 (Part 3/Sec 1) Method B (Clause 6.1.3 of IS 17043 (P2):2024))

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Leather & Leather Products		
154.		Upper Material (Non-Leather)- Strength at needle perforation	IS 8085 (Part13) Method A (Clause 6.1.3 of IS 17043 (P2):2024))
155.		Upper Material (Non-Leather)- Flexing resistance	IS 8085 (Part 20) (Clause 6.1.3 of IS 17043 (P2):2024))
156.		Upper Material (Non-Leather)- Water vapour coefficient	(Clause 6.1.3 of IS 17043 (P2):2024))
157.		Upper Material (Non-Leather)- Hydrolysis resistance	IS 5914 (Part 6/ Sec 1) (Clause 6.1.3 of IS 17043 (P2):2024))
158.		Upper Material (Non-Leather)- Abrasion resistance	IS 15298 (Part 1) (Clause 6.1.3 of IS 17043 (P2):2024))
159.	Footwear-Shoes	Upper Material (Non-Leather)- Flexing resistance	IS 8085 (Part 20) (Clause 6.1.3 of IS 17043 (P2):2024))
160.		Lining-Tear strength	IS 7016 (Part 3/Sec 1) Method B (Clause 6.2 of IS 17043 (P2):2024))
161.		Lining-Abrasion resistance	IS 15298 (Part 1) (Clause 6.2 of IS 17043 (P2):2024))

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Leather & Leather Products		
162.		Insole-Abrasion resistance at 400 cycles	IS 15298 (Part 1) (Clause 6.3 of IS 17043 (P2):2024))
163.		Insole-Water absorption	IS 15298 (Part 1) (Clause 6.3 of IS 17043 (P2):2024))
164.		Insole-Water desorption	IS 15298 (Part 1) (Clause 6.3 of IS 17043 (P2):2024))
165.		In-Sock-Thickness	ISO 2589 (Clause 6.4 of IS 17043 (P2):2024))
166.		In-Sock-Abrasion resistance	IS 15298 (Part 1) (Clause 6.4 of IS 17043 (P2):2024))
167.		In-Sock-Water absorption	IS 15298 (Part 1) (Clause 6.4 of IS 17043 (P2):2024))
168.		In-Sock-Water desorption	IS 15298 (Part 1) (Clause 6.3 of IS 17043 (P2):2024))
169.		Outsole-Flexing resistance (belt method)	IS 8085 (Part 4) (Clause 6.5.1 of IS 17043 (P2):2024))
170.	Footwear-Sports Footwear	Outsole- Hydrolysis resistance	IS 15298 (Part 1) (Clause 6.5.1 of IS 17043 (P2):2024))
171.		Outsole-Compression set	IS 15844 (Part 1) Annex G (Clause 6.5.1 of IS 17043 (P2):2024))

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Leather & Leather Products		
172.		Leather Outsole-Abrasion resistance	IS 6721 Annex B (Clause 6.5.2.1 of IS 17043 (P2):2024))
173.		Leather Outsole-Water resistance	ISO 5404 (Clause 6.5.2.2 of IS 17043 (P2):2024))
174.		Rubber or Polymeric Top-Lifts- Hardness	IS 5676 (Clause 6.5.2.2 of IS 17043 (P2):2024))
175.		Rubber or Polymeric Top-Lifts- Abrasion resistance	IS 3400 (Part 3) (Clause 6.5.2.2 of IS 17043 (P2):2024))
176.		Rubber or Polymeric Top-Lifts- Bond Strength between Rubber top- lift and adjacent material	IS 15844 (Part 1) Annex C (Clause 6.5.2.2 of IS 17043 (P2):2024))
177.		Midsole- Heat shrinkage DIMENSIONAL STABILITY	IS 15844 (Part 1) Annex J (Clause 6.6 of IS 17043 (P2):2024)) ISO 20873:2018
178.		Midsole- Split tear strength	IS 15844 (Part 1) Annex H (Clause 6.6 of IS 17043 (P2):2024))
179.		Compression set	IS 15844 (Part 1) Annex G (Clause 6.6 of IS 17043 (P2):2024)), IS 3400: Part 10: Sec 1: 2022 (ISO 815-1: 2019)

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Leather & Leather Products		
			IS 3400: Part 10: Sec 2: 2022 (ISO 815-2: 2019) IS 3400: Part 10: Sec 1: 2022 (ISO 815-1: 2019)
180.	Footwear-Shoes	Toe and Counter Stiffener-Hardness	IS 7554 Annex A-3.2 (Clause 6.7 of IS 17043 (P2):2024))
181.		Toe and Counter Stiffener-Resilience	IS 7554 Annex A-3.4 (Clause 6.7 of IS 17043 (P2):2024))
182.		Toe and Counter Stiffener-Moisture resistance	IS 7554 Annex A-3.5 (Clause 6.7 of IS 17043 (P2):2024))
183.		Toe and Counter Stiffener-Area shape retention	IS 7554 Annex A-3.1; IS 7554 Annex A-3.3 (Clause 6.7 of IS 17043 (P2):2024))
184.		Toe and Counter Stiffener-Adhesion strength	IS 15844 (Part 1) (Clause 6.7 of IS 17043 (P2):2024))
185.		Velcro Fastener-Peel strength	IS 8085 (Part 18) (Clause 6.8 of IS 17043 (P2):2024)) ASTM D5170
186.		Velcro Fastener-Shear strength	IS 8085 (Part 19) (Clause 6.8 of IS 17043 (P2):2024) ASTM D5169

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Leather & Leather Products		
187.	Footwear-Shoes	Velcro Fastener-Initial	IS 8085 (Part 19) (Clause 6.8 of IS 17043 (P2):2024))
188.		Elastic Tape-Limit of useful extension	IS 8085 (Part 12) (Clause 6.9 of IS 17043 (P2):2024))
189.		Elastic Tape-Needle strength	IS 8085 (Part 13) Method A (Clause 6.9 of IS 17043 (P2):2024))
190.		Fasteners (Lace/ Buckle/Eyelet/D-Ring/Ski-Hook/Metal Trims)- Lace breaking strength	IS 15844 (Part 1) Annex K (Clause 6.10 of IS 17043 (P2):2024)) BS 5131 Sec.3.7: 1991
191.		Fasteners (Lace/ Buckle/Eyelet/D-Ring/Ski-Hook/Metal Trims)- Lace tag strength	IS 15844 (Part 1) Annex L (Clause 6.10 of IS 17043 (P2):2024))
192.		Fasteners (Lace/ Buckle/Eyelet/D-Ring/Ski-Hook/Metal Trims)- Lace to lace abrasion resistance	IS 8085 (Part 17) (Clause 6.10 of IS 17043 (P2):2024)) IS 8085: Part 11: 2023
193.		Fasteners (Lace/ Buckle/Eyelet/D-Ring/Ski-Hook/Metal Trims)- Corrosion resistance	IS 17098 (Clause 6.10 of IS 17043 (P2):2024))

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Leather & Leather Products		
194.	Footwear-Shoes	Zipper-Fatigue resistance	ISO 10751 (Clause 6.11 of IS 17043 (P2):2024))
195.		Zipper-Security of puller attachment strength	IS 8085: Part 21: 2024 (ISO 10734: 2016) (Clause 6.11 of IS 17043 (P2):2024))
196.		Zipper-Lateral load	IS 8085: Part 24: 2024 (ISO 10764: 2016) (Clause 6.11 of IS 17043 (P2):2024))
197.		Zipper-End attachment strength	IS 8085: Part 22: 2024 (ISO 10750: 2015) (Clause 6.11 of IS 17043 (P2):2024))
198.		Marking	Clause 8.1 of IS 17043 (P2):2024)
199.		Packing	Clause 8.2 of IS 17043 (P2):2024)
200.	Footwear-Jungle Boots	Design	Clause 5.1 of IS 17861: 2022/A1:2024
201.		Size and Fitting	Clause 5.2 of IS 17861: 2022/A1:2024
202.		Height of Upper	Clause 5.3 of IS 17861: 2022/A1:2024
203.		Weight	Clause 5.4 of IS 17861: 2022/A1:2024
204.		Construction	Clause 5.5.1.1 of IS 17861: 2022/A1:2024
205.		Upper – Outsole Bond Strength	Clause 5.5.2 of IS 17861: 2022/A1:2024
206.		Consolidation Test	Clause 5.5.3 of IS 17861: 2022/A1:2024
207.		Ergonomic Features	Clause 5.5.4 of IS 17861: 2022/A1:2024

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Leather & Leather Products		
208.		Energy Absorption of Seat Region	Clause 5.5.6 of IS 17861: 2022/A1:2024
209.	Footwear-Jungle Boots	Water Resistance	Clause 5.5.7 of IS 17861: 2022/A1:2024
210.		Penetration Resistance	Clause 5.6.1 of IS 17861: 2022/A1:2024
211.		Electrical Resistance	Clause 5.6.2 of IS 17861: 2022/A1:2024
212.		Upper- Material	Clause 5.7.1 of IS 17861: 2022/A1:2024
213.		Upper- Tear Strength	Clause 5.7.2 of IS 17861: 2022/A1:2024
214.		Water Repellency (Spray test)	IS 390, Clause 5.7.5 of IS 17861: 2022/A1:2024, AATCC 22, / ISO 4920, AATCC 42, AATCC 22, BS EN ISO 17231, DIN EN ISO 17231, EN ISO 17231, EN ISO 17231, ISO 17231, ISO 17231
215.		Water Resistance (Hydrostatic pressure)	IS 7016 (Part 7)/ISO 1420, Clause 5.7.5 of IS 17861: 2022/A1:2024, ISO 811, AATCC 127
216.		Lining- Material	Clause 5.8.1 of IS 17861: 2022/A1:2024
217.		Lining- Tear Strength	Clause 5.8.2 of IS 17861: 2022/A1:2024
218.		Lining- Abrasion Resistance	Clause 5.8.3 of IS 17861: 2022/A1:2024
219.		Outer Toe Cap- Tear Strength	Clause 5.9.1 of IS 17861: 2022/A1:2024
220.		Abrasion Resistance Test	IS 6994 (Part 6), Clause 5.9.2 of IS 17861: 2022/A1:2024

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Leather & Leather Products		
221.		Binding Tape	Clause 5.10 of IS 17861: 2022/A1:2024
222.		Closing Thread	Clause 5.11 of IS 17861: 2022/A1:2024
223.	Footwear-Jungle Boots	Insole-Material and Thickness	Clause 5.12.1 of IS 17861: 2022/A1:2024
224.		Insole-Abrasion Resistance	Clause 5.12.2 of IS 17861: 2022/A1:2024
225.		Insole-Water Absorption and Desorption	Clause 5.12.3 of IS 17861: 2022/A1:2024
226.		In socks- Material and Thickness	Clause 5.13.1 of IS 17861: 2022/A1:2024
227.		In socks- Abrasion Resistance	Clause 5.13.2 of IS 17861: 2022/A1:2024
228.		Bond Strength of Textile Layer.	Clause 5.13.3 of IS 17861: 2022/A1:2024 ISO 20866:2018 IS 8085: Part 29: 2024
229.		Tongue	Clause 5.14 of IS 17861: 2022/A1:2024
230.		Toe Puff and Counter Stiffener	Clause 5.15 of IS 17861: 2022/A1:2024
231.		Sole-Material	Clause 5.16.1 of IS 17861: 2022/A1:2024
232.		Sole- Thickness	Clause 5.16.2 of IS 17861: 2022/A1:2024
233.		Sole- Hardness	Clause 5.16.4 of IS 17861: 2022/A1:2024
234.		Sole- Ageing	Clause 5.16.5 of IS 17861: 2022/A1:2024

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Leather & Leather Products		
235.		Sole- Tear Strength	Clause 5.16.6 of IS 17861: 2022/A1:2024
236.		Sole- Abrasion Resistance	Clause 5.16.7 of IS 17861: 2022/A1:2024
237.		Sole- Flexing Resistance	Clause 5.16.8 of IS 17861: 2022/A1:2024
238.	Footwear-Jungle Boots	Sole- Hydrolysis	Clause 5.16.9 of IS 17861: 2022/A1:2024
239.		Sole- Interlayer Bond Strength	Clause 5.16.10 of IS 17861: 2022/A1:2024
240.		Eyelets	Clause 5.17 of IS 17861: 2022/A1:2024
241.		Laces-Material	Clause 5.18.1 of IS 17861: 2022/A1:2024
242.		Laces- Breaking Load and Tag Retention	Clause 5.18.3 of IS 17861: 2022/A1:2024
243.		Laces- Abrasion Resistance	Clause 5.18.4 of IS 17861: 2022/A1:2024, SATRA TM 154-2018, ISO 22774: 2004
244.		Laces- Lace to lace	Clause 5.18.4.1 of IS 17861: 2022/A1:2024
245.		Laces- Lace to eyelet	Clause 5.18.4.2 of IS 17861: 2022/A1:2024
246.		Marking	Clause 7 of IS 17043 (P2):2024)
247.	Footwear-Shoes	Design, Construction Insole,	Clause 5 of IS 15844 (Part 3): 2024 (Cl. 5 of IS:15844 (Part 2) :2023)/A1: 2024 (Cl. 4.2 of IS:15844 (Part 1) :2023) Cl 5 of IS:15844 (Part 1) :2023)/A1:2024

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Leather & Leather Products		
248.		Size and Fittings, category	Clause 6 of IS 15844 (Part 3): 2024, (Cl. 6 of IS:15844 (Part 2) :2023)/A1:2024, cl. 4.2.1, of IS:15844 (Part 1) :2023) Cl 4.2.1 of IS:15844 (Part 1) :2023)/A2:2025
249.	Footwear-Shoes	Toe spring height	(Cl. 7.1.1 of IS:15844 (Part 2) :2023)/A1:2024, Annex B cl. 4.3.2.1of IS:15844 (Part 1) :2023)/A2:2025
250.		Bond Performance (Upper to sole/mid sole/composite sole, interlayer bond strength)	Clause 7.1.1 of IS 15844 (Part 3): 2024 (Cl. 7.1.2.7.1.3,7.1.4of IS:15844 (Part 2) :2023)/A1:2024, cl. 4.3.3,4.3.4,4.3.5.1of IS:15844 (Part 1) :2023) /Cl 5 of IS:15844 (Part 1) :2023)/A2:2025
251.		Energy Absorption at Seat Region	Clause 7.1.2 of IS 15844 (Part 3): 2024 (Cl. 7.1.5 of IS:15844 (Part 2) :2023)/A1:2024, (Cl. 4.3.6 of IS:15844 (Part 1) :2023)/ /Cl 5 of IS:15844 (Part 1) :2023) A2:2025
252.		Complete Shoe Flexing	Clause 7.1.3 of IS 15844 (Part 3): 2024, (Cl. 7.1.6 of IS:15844 (Part 2) :2023)/A1:2024, (Cl. 4.3.7 of IS:15844 (Part 1) :2023)/Cl 5 of IS:15844 (Part 1) :2023) A2:2025

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Leather & Leather Products		
			ISO 24266:2020, ISO 19955 IS 8085: Part 16: 2023
253.		Washability	Clause 7.1.4 of IS 15844 (Part 3): 2024 IS 8085 (Part 15)/ISO 19954, (Cl. 7.1.7 of IS:15844 (Part 2) :2023)/A1:202, (Cl. 4.3.8 of IS:15844 (Part 1) :2023)/Cl 5 of IS:15844 (Part 1) :2023) A2:2025
254.	Footwear-Shoes	Heel Drop	Clause 7.1.6 of IS 15844 (Part 3): 2024 (Cl. 7.1.9 of IS:15844 (Part 2) :2023)/A1:2024
255.		Upper Material (Leather)-Flexing resistance	IS 5914 (Part 6/Sec1)/ISO 5402-1 or IS 8085 (Part 20)/ISO 17694 (Clause 7.2 of IS 15844 (Part 3): 2024)
256.		Upper Material (Leather)-Tear strength	IS 5914 (Part 5/Sec 2)/ISO 3377-2 (Clause 7.2 of IS 15844 (Part 3): 2024)
257.		Upper Material (Leather)-Water vapour coefficient, absorption	IS 15298 (Part 1) (Clause 7.2 of IS 15844 (Part 3): 2024), IS 5914: Part 1: 2018 (ISO 17229: 2002) ISO 17229: 2016 ISO 17699, IS 8085: Part 13: 2023

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Leather & Leather Products		
258.		Upper Material (Leather)- Stitch tear strength	LP 8 of IS 5914 (Clause 7.2 of IS 15844 (Part 3): 2024) ISO 20876:2018
259.		Upper Material (Leather)- Elongation at break	IS 5914 (Part 8)/ISO 3376 (Clause 7.2 of IS 15844 (Part 3): 2024)
260.		Upper Material (Leather)- Abrasion test	IS 15298 (Part 1) (Clause 7.2 of IS 15844 (Part 3): 2024
261.	Footwear-Shoes	Upper Material (Coated Fabric/Textile or Combinations)- Breaking strength	Method 1 of IS 7016 (Part 2)/ ISO 1421 (Clause 7.2 of IS 15844 (Part 3): 2024), ASTM D751
262.		Upper Material (Coated Fabric/Textile or Combinations)- Elongation at break	Method 1 of IS 7016 (Part 2)/ ISO 1421 or ISO 17706 (Clause 7.2 of IS 15844 (Part 3): 2024)
263.		Upper Material (Coated Fabric/Textile or Combinations)- Tear strength	IS 15298 (Part 1) (Clause 7.2 of IS 15844 (Part 3): 2024)
264.		Upper Material (Coated Fabric/Textile or Combinations)- Strength at needle perforation	Method 'A' of IS 8085 (Part 13)/ISO 17697 (Clause 7.2 of IS 15844 (Part 3): 2024)

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Leather & Leather Products		
265.		Upper Material (Coated Fabric/Textile or Combinations)- Water vapour coefficient	(IS 15298 (Part 1) (Clause 7.2 of IS 15844 (Part 3): 2024)
266.		Upper Material (Coated Fabric/Textile or Combinations)- Hydrolysis resistance	IS 15298 (Part 1) (Clause 7.2 of IS 15844 (Part 3): 2024)
267.	Footwear-Shoes	Upper Material (Coated Fabric/Textile or Combinations)- Bursting strength	IS 1966 (Part 2)/ISO 13938-2 (Clause 7.2 of IS 15844 (Part 3): 2024)
268.		Lining Material-Tear strength	IS 15298 (Part 1) (Clause 7.3 of IS 15844 (Part 3): 2024)
269.		Lining Material-Abrasion resistance	IS 15298 (Part 1) (Clause 7.3 of IS 15844 (Part 3): 2024)
270.		Lining Material-Water vapour coefficient	IS 15298 (Part 1) (Clause 7.3 of IS 15844 (Part 3): 2024)
271.		Insole-Abrasion resistance	IS 15298 (Part 1) (Clause 7.4 of IS 15844 (Part 3): 2024)

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Leather & Leather Products		
272.		Insole-Water absorption	IS 15298 (Part 1) (Clause 7.4 of IS 15844 (Part 3): 2024)
273.		Insole-Water desorption	IS 15298 (Part 1) (Clause 7.4 of IS 15844 (Part 3): 2024)
274.		In-Sock (Sock liner) -Abrasion resistance	IS 15298 (Part 1) (Clause 7.5 of IS 15844 (Part 3): 2024)
275.		In-Sock (Sock liner) -Water absorption	IS 15298 (Part 1) (Clause 7.5 of IS 15844 (Part 3): 2024)
276.		In-Sock (Sock liner) -Water desorption	IS 15298 (Part 1) (Clause 7.5 of IS 15844 (Part 3): 2024)
277.	Footwear-Shoes	In-Sock (Sock liner) -Heat resistance shrinkage linear	Annex J of IS 15844 (Part 1) (Clause 7.5 of IS 15844 (Part 3): 2024)
278.		Outsole-Abrasion resistance	IS 3400 (Part 3)/ ISO 4649 (Clause 7.6 of IS 15844 (Part 3): 2024)
279.		Outsole-Flexing resistance	ISO 17707 (Clause 7.6 of IS 15844 (Part 3): 2024), Annex D of IS 15844 (Part 1), CL.3.6, IS 6719: 1972/A1:2023 IS 8085: Part 27: 2024
280.		Outsole-Hydrolysis resistance	IS 15298 (Part 1) (Clause 7.6 of IS 15844 (Part 3): 2024)

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Leather & Leather Products		
281.		Outsole-Tear strength	IS 15298 (Part1) (Clause 7.6 of IS 15844 (Part 3): 2024)
282.		Outsole-Elongation at break percent	IS 3400 (Part 1)/ISO 37 (Clause 7.6 of IS 15844 (Part 3): 2024)
283.		Outsole-Compression set percent	Annex of IS 15844 (Part 1) (Clause 7.6 of IS 15844 (Part 3): 2024)
284.		Midsole-Compression set	Annex G of IS 15844 (Part 1) (Clause 7.7 of IS 15844 (Part 3): 2024)
285.		Midsole-Split tear strength	Annex H of IS 15844 (Part 1) (Clause 7.7 of IS 15844 (Part 3): 2024)
286.		Midsole-Heat shrinkage	Annex J of IS 15844 (Part 1) (Clause 7.7 of IS 15844 (Part 3): 2024)
287.	Footwear-Shoes	Midsole-Elongation at break	IS 3400 (Part 1)/ISO 37 (Clause 7.7 of IS 15844 (Part 3): 2024)
288.		Counter Stiffener-First dry collapsing load, hardness	A-3.2.6 (Clause 7.8 of IS 15844 (Part 3): 2024)
289.		Counter Stiffener-Resilience	A-3.4 (Clause 7.8 of IS 15844 (Part 3): 2024)
290.		Counter Stiffener-Moisture resistance	A-3.5 (Clause 7.8 of IS 15844 (Part 3): 2024)
291.		Counter Stiffener-Initial dry area shape retention	A-3.1 (Clause 7.8 of IS 15844 (Part 3): 2024)

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Leather & Leather Products		
292.		Counter Stiffener-Area shape retention after 10th collapse	A-3.3 (Clause 7.8 of IS 15844 (Part 3): 2024)
293.		Counter Stiffener-Peel strength	Annex C of IS 15844 (Part 1) (Clause 7.8 of IS 15844 (Part 3): 2024)
294.		Velcro Fastener-Peel strength	IS 8085 (Part 18)/ISO 22777 (Clause 7.9 of IS 15844 (Part 3): 2024)
295.		Velcro Fastener-Shear strength	IS 8085 (Part 19)/ISO 22776 (Clause 7.9 of IS 15844 (Part 3): 2024)
296.		Elastic Tape-Limit of useful extension	IS 8085 (Part 12)/ISO 10765 (Clause 7.10 of IS 15844 (Part 3): 2024)
297.		Elastic Tape-Needle strength	Method 'A' of IS 8085 (Part 13)/ISO 17697 (Clause 7.10 of IS 15844 (Part 3): 2024)
298.	Footwear-Shoes	Fasteners (Lace/Buckle/Eyelet/D-Ring/Ski-Hook/Metal Trims)-Breaking strength of lace,	Annex K of IS 15844 (Part 1) (Clause 7.11 of IS 15844 (Part 3): 2024)
299.		Fasteners (Lace/Buckle/Eyelet/D-Ring/Ski-Hook/Metal Trims)-Lace tag strength	Annex L of IS 15844 (Part 1) (Clause 7.11 of IS 15844 (Part 3): 2024)

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Accreditation Standard: ISO/IEC 17025:2017

Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Leather & Leather Products		
300.		Fasteners (Lace/Buckle/Eyelet/D-Ring/Ski-Hook/Metal Trims)-Lace to lace abrasion	IS 8085 (Part 17)/ISO 22774 (Clause 7.11 of IS 15844 (Part 3): 2024)
301.		Fasteners (Lace/Buckle/Eyelet/D-Ring/Ski-Hook/Metal Trims)-Strength of buckle/ski hook/D-ring,	Annex M of IS 15844 (Part 1) (Clause 7.11 of IS 15844 (Part 3): 2024)
302.		Fasteners (Lace/Buckle/Eyelet/D-Ring/Ski-Hook/Metal Trims)-Corrosion resistance	IS 17098: 2019 (ISO 22775: 2004) (Both Method 1 and Method 2) (Clause 7.11 of IS 15844 (Part 3): 2024)
303.		Spike/ Studs-Corrosion resistance	IS 17098 (Both Method 1 and Method 2) (Clause 7.11 of IS 15844 (Part 3): 2024)
304.	Leather & Footwear	Seam strength	Cl. 5.3.7 of BS EN ISO 20345/ Amd 1:2024/ DIN EN ISO 20345:2024 Cl. 5.3.7 of BS EN ISO 20346/ Amd 1:2024/ DIN EN ISO 20346:2024 Cl. 5.25 of BS EN ISO 20344/ Amd 1:2024/ DIN EN ISO 20344:2024 Cl.5.3.6 of BS EN ISO 20347/ Amd

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Accreditation Standard: ISO/IEC 17025:2017

Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Leather & Leather Products		
			1:2024/DIN EN ISO 20347:2024 Cl 5.25 of ISO 20344: 2021- Amd 1:2024 /IS 15298 : Part 1 : 2024 Cl. 5.3.7 of ISO 20345:2021/Amd 1:2024 IS 15298 : Part 2 : 2024 Cl. 5.3.6 of ISO 20347: 2021- Amd 1:2024/ IS 15298: Part 4: 2024 Cl. 5.3.7 of ISO 20346: 2021- Amd 1:2024/ IS 15298: Part 3: 2024
305.	Whole footwear	Heat insulation of sole complex	Cl. 5.16 of BS EN ISO 20344:2021/ Amd 1:2024/ DIN EN ISO 20344:2024 Cl. 6.2.3.2 of IS 15298-3:2019, Cl. 6.2.3.1 of BS EN ISO 20345:2022 / Amd 1:2024/ DIN EN ISO 20345:2024 Cl. 6.2.3.1 of BS EN ISO 20346:2022/ Amd 1:2024/ DIN EN ISO 20344:2024 Cl. 6.2.3.1 of BS EN ISO 20347:2022/ Amd 1:2024/ DIN EN ISO 20347:2024 Cl. 5.15 of ISO 20344:2021- Amd 1:2024/IS 15298 : Part 1 : 2024, Cl. 6.2.3.1 of ISO 20345:2021- Amd 1:2024/

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Accreditation Standard: ISO/IEC 17025:2017

Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Leather & Leather Products		
			IS 15298 : Part 2 : 2024 Cl. 6.2.3.1 of ISO 20346:2021- Amd 1:2024/ IS 15298: Part 3: 2024 Cl. 6.2.3.1 of ISO 20347:2021- Amd 1:2024/ IS 15298: Part 4: 2024, IS 17012:2018/A1, IS 17037:2018/A1,Clause 4.5.6 of IS 17043 (P1):2024,Clause 5.6.3 of IS 17861 : 2022/A1:2024
306.	Whole Footwear	Scuff cap abrasion	Cl. 5.24 of ISO 20344:2021- Amd 1:2024/ IS 15298 : Part 1 : 2024 Cl. 5.24 of BS EN ISO 20344:2021/ Amd 1:2024/ DIN EN ISO 20344:2024 Cl. 6.2.9 of ISO 20345:2021- Amd 1:2024/ IS 15298 : Part 2 : 2024 Cl. 6.2.9 of BS EN ISO 20345:2022/ Amd 1:2024// DIN EN ISO 20345:2024 Cl. 6.2.9 of ISO 20346:2021- Amd 1:2024/ IS 15298: Part 3: 2024 Cl. 6.2.9 of BS EN ISO 20346:2022/ Amd 1:2024/ DIN EN ISO 20344:2024 Cl. 6.2.8 of ISO 20347:2021- Amd 1:2024/

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Accreditation Standard: ISO/IEC 17025:2017

Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Leather & Leather Products		
			IS 15298: Part 4: 2024 Cl. 6.2.8 of BS EN ISO 20347: 2022/ Amd 1:2024 DIN EN ISO 20347:2024
307.	"Leather & Footwear - Upper/Lining/ Collar/Tongue material"	Resistance to fuel oil	Cl. 6.4.2 of BS EN ISO 20345:2022/ Amd 1:2024/ / DIN EN ISO 20345:2024 Cl. 6.4.2 BS EN ISO 20346:2022/ Amd 1:2024 / DIN EN ISO 20344:2024 Cl. 6.4.2 BS EN ISO 20347:2022/ Amd 1:2024/ DIN EN ISO 20347:2024 Cl. 8.8 of BS EN ISO 20344:2021/ Amd 1:2024 / DIN EN ISO 20344:2024 IS 15298 : Part 1 : 2024 Cl. 6.4.2 of ISO 20345:2021- Amd 1:2024/ IS 15298: Part 2: 2024 Cl. 6.4.2 of ISO 20346:2021- Amd 1:2024/ IS 15298: Part 3: 2024 Cl. 6.4.2 of ISO 20347:2021- Amd 1:2024/ IS 15298: Part 4: 2024 Cl. 6.4.2 of IS 15298-3:2019/ Cl. 8.6 of ISO 20344:2021- Amd 1:2024/IS 15298 : Part 1 : 2024,SATRA TM 63

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Accreditation Standard: ISO/IEC 17025:2017

Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Leather & Leather Products		
			IS 3400 : Part 6 : 2018 (ISO 1817 : 2015) , IS 17012:2018/A1, IS 17037:2018/A1, Cl. 6.1 of IS 17012:2018, Cl. 4.14.10 of IS 17037 (A1: 2021):2018, Cl. 5.1.7.8 of IS 5557-1:2004, Cl. 8.6 of IS 5557 Part 2: 2018/A2, Cl. 7.1 of IS 3976: 2018/A2
308.	Leather & Footwear	Marking/Packing	Cl. 5 of IS 3735 (A1: 1999 + A2: 2001 + A3: 2003 + A4: 2004+A5:2024) :1996, ISO 20344:2021- Amd 1:2024, IS 15298: Part 1: 2024 Cl 5 of IS 5852: Part 1: 2019/RA2024 Cl 6 of IS 5852: Part 2: 2019, ISO 22568-2: 2019, BS EN ISO 22568-2:2019, ISO 22568-1:2019, BS EN ISO 22568-1:2019, CL.6 of IS 17275: Part 2: 2019, ISO 22568-4: 2021, BS EN ISO 22568-4:2021IS 17275: Part 1: 2019 (ISO 22568-3: 2019), BS EN ISO 22568-3: 2019
309.		Breaking Load and Tag Retention	Cl. 4.1.5 of IS 3735 (A1: 1999 + A2: 2001 + A3: 2003 + A4: 2004+A5:2024): 1996.
310.	Leather & Footwear	Finish	Cl.4.5 of IS 3735 (A1: 1999 + A2: 2001 +A3: 2003 + A4: 2004+A5:2024): 1996,

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Accreditation Standard: ISO/IEC 17025:2017

Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Leather & Leather Products		
311.	Leather & footwear	Hydrolysis	IS 15298-3:2019 ISO 20347:2021- Amd 1:2024/ IS 15298: Part 4: 2024, ISO 20346:2021- Amd 1:2024/ IS 15298: Part 3: 2024, ISO 20345:2021- Amd 1:2024/ IS 15298: Part 2: 2024 IS 15298: Part 1: 2024
312.	Leather & Footwear - Design	Height of upper	Cl. 5.2.2 of BS EN ISO 20345:2022/ Amd 1:2024/ DIN EN ISO 20345:2024 BS EN ISO 20346:2022/ Amd 1:2024 / DIN EN ISO 20344:2024 BS EN ISO 20347:2022/ Amd 1:2024/ DIN EN ISO 20347:2024 Cl.6.2 of BS EN ISO 20344: 2021/ Amd 1:2024/ DIN EN ISO 20344:2024 Cl.6.2 of ISO20344:2021- Amd 1:2024/IS 15298 : Part 1 : 2024 SASO ISO-20344:2011/IS15298-1:2015, Cl.5.2.2 of ISO20345:2021- Amd 1:2024/ IS 15298: Part 2: 2024 Cl.5.2.2 of SASO ISO 20345:2011/ Cl.5.2.2 of ISO 20346:2021- Amd 1:2024/ IS 15298: Part 3: Cl.5.2.2 of 2024

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Accreditation Standard: ISO/IEC 17025:2017

Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Leather & Leather Products		
			ISO20347:2021- Amd 1:2024/ IS 15298: Part 4: 2024/ Cl.5.2.2 of IS 15298-3:2019/BS EN 13634: 2017
313.	Leather & Footwear - Design	Seat region (Design A, B, C, D, E). Heel area	Cl. 5.2.3 of BS EN ISO 20345:2022/ Amd 1:2024// DIN EN ISO 20345:2024 Cl. 5.2.3 of BS EN ISO 20346:2022/ Amd 1:2024 / DIN EN ISO 20344:2024 Cl. 5.2.3 of BS EN ISO 20347:2022/ Amd 1:2024 / DIN EN ISO 20347:2024 Cl. 5.2.3 of ISO 20345:2021- Amd 1:2024/ IS 15298: Part 2: 2024 Cl. 5.2.3 of SASO ISO 20345:2011/ Cl. 5.2.3 of ISO 20346:2021- Amd 1:2024/ IS 15298: Part 3: 2024 Cl. 5.2.3 of ISO 20347:2021- Amd 1:2024/ IS 15298: Part 4: 2024 / Cl. 5.2.3 of IS 15298-3:2019/
314.		Weight/ Mass	Cl. 4.6 of IS 3735 (A1:1999+A2:2001+A3+A4+A5:2024: 1996/ IS 3736 (A1:1999+A2:2001+A3: 2003):1995

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Accreditation Standard: ISO/IEC 17025:2017

Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Leather & Leather Products		
315.	Leather & Footwear - Upper/Lining/ Collar/Tongue material	Hardness IRHD	Cl. 4.1.6of IS 3735 (A1: 1999 +A2: 2001 + A3: 2003 +A4: 2004+A5:2024): 1996
316.		Abrasion resistance	Cl. 5.8.3 of IS 15298-3:2019/ Cl. 5.8.4 of ISO 20347:2021- Amd 1:2024/ IS 15298: Part 4: 2024 Cl. 5.8.4 of ISO 20346:2021- Amd 1:2024/ IS 15298: Part 3: 2024 Cl. 5.8.4 of ISO 20345: 2021- Amd 1:2024/ IS 15298: Part 2: 2024 Cl. 5.8.4 of BS EN ISO 20345:2022/ Amd 1:2024// DIN EN ISO 20345:2024 Cl. 5.8.4 BS EN ISO 20346:2022/ Amd 1:2024 / DIN EN ISO 20344:2024 Cl. 5.8.4 BS EN ISO 20347:202/ Amd 1:20242/ DIN EN ISO 20347:2024 Cl. 8.4 of BS EN ISO 20344: 2021/ Amd 1:2024/ DIN EN ISO 20344:2024 Cl. 8.3 of ISO 20344:2021- Amd 1:2024/ IS 15298 : Part 1 : 2024,ISO 4649:2024, ISO 20871:2018,BS EN 13634: 2017,ASTM D5963, SASO ISO 20344:2011/ SATRA TM 174:2016, ISO 4649:2017, BS EN

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Accreditation Standard: ISO/IEC 17025:2017

Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Leather & Leather Products		
			12770:2000, ASTM D5963, Cl. 4.14.5 of IS 17012 :2018/A1, Cl. 4.14.7 of IS 17037 (A1:2021) :2018, SASO ISO 20347:2012/ SASO ISO 20346:2004/ SASO ISO 20345:2011, Cl. 6.1 of IS 3976 (A1: 2021): 2018, Cl. 7.6.3 of IS 5557 Part 2: 2018/A2, Cl. 7.7.2 of IS 16694:2018, DIN ISO 4649:2014, ISO 20871:2018, SASO ISO 20871: 2007
317.	Leather & Footwear - Upper/Lining/ Collar/Tongue material	Abrasion resistance of insole	Cl.5.7.4.1 of BS EN ISO 20345:2022/ Amd 1:2024// DIN EN ISO 20345:2024 Cl.5.7.4.1 BS EN ISO 20346:2022/ Amd 1:2024/ DIN EN ISO 20344:2024 Cl.5.7.4.1 BS EN ISO 20347:2022/ Amd 1:2024/ DIN EN ISO 20347:2024 Cl.7.3 of BS EN ISO 20344: 2021/ Amd 1:2024/ DIN EN ISO 20344:2024 Cl. 7.3 of ISO 20344:2021- Amd 1:2024/IS 15298 : Part 1 : 2024 Cl. 5.7.4.1 of ISO 20345:2021- Amd 1:2024/ IS Cl.5.7.4.1 15298: Part 2: 2024 SASO ISO 20345:2011

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Accreditation Standard: ISO/IEC 17025:2017

Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Leather & Leather Products		
			ISO 20346:2021- Amd 1:2024/ IS 15298: Part 3: 2024 ISO 20347:2021- Amd 1:2024/ IS 15298: Part 4: 2024 Cl 5.7.4.1 of IS 15298-3:2019/ BS EN 13634: 2017
318.	Leather & Footwear - Upper/ Collar/Tongue material	Breaking strength	Cl. 4.1.1, table 1, 4.1.2, table 2 of IS 3735 (A1:1999+A2:2001+A3: + A4: 2004+A5:2024):1996, BS EN 12803, DIN EN 12803, EN 12803
319.		Compression set	Cl. 4.1.6 of IS 3735(A1: 1999 + A2: 2001+ A3: 2003 + A4: 2004+A5:2024):1996,
320.		Density, mass/area	IS3735 (A1:1999 +A2:2001+A3:2003 + A4:2004+A5:2024):1996, IS 5914: Part 4: 2023 (ISO 2420: 2017), ISO 9073-1, ASTM D3776, BS EN ISO 2420, DIN EN ISO 2420, EN ISO 2420
321.		Flexing resistance (upper)	Cl. 5.4.5 of BS EN ISO 20345:2022/ Amd 1:2024// DIN EN ISO 20345:2024 Cl. 5.4.5 of BS EN ISO 20346:2022 / Amd 1:2024/ DIN EN ISO 20344:2024 Cl. 5.4.5 of BS EN ISO 20347:2022/ Amd 1:2024/ DIN EN ISO 20347:2024

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Leather & Leather Products		
			Cl. 6.5 of BS EN ISO 20344: 2021/ Amd 1:2024/ DIN EN ISO 20344:2024 Cl. 5.4.5 of IS 15298-3:2019/ Cl. 5.4.5 of ISO 20347:2021- Amd 1:2024/ IS 15298: Part 4: 2024 Cl. 5.4.5 of ISO 20346:2021- Amd 1:2024/ IS 15298: Part 3: 2024 Cl. 5.4.5 of ISO 20345:2021- Amd 1:2024/ IS 15298: Part 2: 2024 ISO 20344: 2021- Amd 1:2024/IS 15298: Part 1 : 2024
322.	Leather & Footwear – Soling materials	Flexing resistance	Cl. 5.8.5 of ISO 20345:2021- Amd 1:2024/ IS 15298: Part 2: 2024 Cl. 5.8.5 of ISO 20346:2021- Amd 1:2024/ IS 15298: Part 3: 2024 Cl. 5.8.5 of ISO 20347:2021- Amd 1:2024/ IS 15298: Part 4: 2024 Cl. 5.8.4 of IS 15298-3:2019/ Cl. 5.8.5 of BS EN ISO 20345:2022/ Amd 1:2024// DIN EN ISO 20345:2024 Cl. 5.8.5 of BS EN ISO 20346:2022/ Amd 1:2024 / DIN EN ISO 20344:2024

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Leather & Leather Products		
			Cl. 5.8.5 of BS EN ISO 20347:2022/ Amd 1:2024/ DIN EN ISO 20347:2024 Cl. 8.5, 8.6 of BS EN ISO 20344: 2021/ Amd 1:2024/ DIN EN ISO 20344:2024 Cl. 5.8.5 of ISO 20344:2021- Amd 1:2024/ IS 15298 : Part 1 : 2024
323.	Leather & Footwear – Soling materials	upper -General	Cl. 5.4.1 of BS EN ISO 20345:2022/ Amd 1:2024/ DIN EN ISO 20345:2024 Cl. 5.4.1 of BS EN ISO 20346:2022 / Amd 1:2024/ DIN EN ISO 20344:2024 Cl. 5.4.1 of BS EN ISO 20347:2022/ Amd 1:2024/ DIN EN ISO 20347:2024 Cl. 5.4.1 of ISO 20345:2021- Amd 1:2024/ IS 15298: Part 2: 2024 Cl. 5.4.1 ISO 20346:2021- Amd 1:2024/ IS 15298: Part 3: 2024 Cl. 5.4.1 ISO 20347:2021- Amd 1:2024/ IS 15298: Part 4: 2024 Cl. 5.4.1of IS 15298-2 (A1 & A2:2019) :2016 IS 15298-3:2019
324.		Hydrolysis of outsole/Ross flex	Cl. 5.8.6 of BS EN ISO 20345:2022/ Amd 1:2024// DIN EN ISO 20345:2024

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Leather & Leather Products		
			Cl. 5.8.6 of BS EN ISO 20346:2022 / Amd 1:2024/ DIN EN ISO 20344:2024 Cl. 5.8.6 of BS EN ISO 20347:2022/ Amd 1:2024/ DIN EN ISO 20347:2024 Cl. 8.7 of BS EN ISO 20344: 2021/ Amd 1:2024/ DIN EN ISO 20344:2024 Cl. 8.7 of ISO 20344:2021- Amd 1:2024/ IS 15298 : Part 1 : 2024 Cl. 5.8.6 of ISO 20345:2021- Amd 1:2024/ IS 15298: Part 2: 2024 Cl. 5.8.6 of ISO 20346:2021- Amd 1:2024/ IS 15298: Part 3: 2024 Cl. 5.8.6 of ISO 20347:2021- Amd 1:2024/ IS 15298: Part 4: 2024 Cl. 5.8.5 of IS 15298-2 (A1 & A2:2019): 2016/ Cl. 5.8.5 of IS 15298-3:2019/ Cl. 4.1.6 of IS3735 (A1: 1999 + A2:2001 + A3: 2003 + A4:2004+A5:2024):1996, Cl.5.9 of IS 12254:1993 +A1 : 2023, IS 3400 (Part 16),CL.5.7, IS 5676 : 1995/A1:2023

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Leather & Leather Products		
			Clause 4.1.3 and 8.3,IS 6664 : 1992/A1:2023 BS 5131sec 2.1,ASTM D1052
325.	Leather & Footwear – Soling materials	Interlayer bond strength	Cl. 5.8.7 of BS EN ISO 20345:2022/ Amd 1:2024/ DIN EN ISO 20345:2024 Cl. 5.8.7 of BS EN ISO 20346:2022/ Amd 1:2024 / DIN EN ISO 20344:2024 Cl. 5.8.7 of BS EN ISO 20347:2022/ Amd 1:2024/ DIN EN ISO 20347:2024 Cl. 5.8.7 of ISO 20345: 2021- Amd 1:2024/ Cl. 5.8.7 of ISO 20346: 2021- Amd 1:2024/ IS 15298: Part 3: 2024 Cl. 5.8.7 of ISO 20347: 2021- Amd 1:2024/ IS 15298: Part 4: 2024 Cl. 5.8.6 Of IS 15298-3:2019/
326.	Leather & Footwear – Soling materials	Martindale Abrasion resistance	Cl. 5.5.3, 5.7.4.2 of BS EN ISO 20345:2022/ Amd 1:2024/ DIN EN ISO 20345:2024 Cl. 5.5.3, 5.7.4.2 of BS EN ISO 20346:2022/ Amd 1:2024 / DIN EN ISO 20344:2024 Cl. 5.5.3, 5.7.4.2 of BS EN ISO 20347:2022/ Amd 1:2024/ DIN EN ISO 20347:2024 Cl.6.12 of BS EN ISO20344: 2021/ Amd

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Leather & Leather Products		
			1:2024/ Cl. 6.12 of ISO 20344:2021- Amd 1:2024/IS 15298 : Part 1 : 2024 Cl. 5.5.3, 5.7.4.2 of ISO 20345:2021- Amd 1:2024/ IS 15298: Part 2: 2024 Cl. 5.5.3, 5.7.4.2 of ISO20346:2021- Amd 1:2024/ IS 15298: Part 3: 2024 Cl. 5.5.3, 5.7.4.2 of ISO 20347:2021- Amd 1:2024/ IS 15298: Part 4: 2024 Cl. 5.5.2,5.7.4.2 of IS 15298-3:2019/ASTM D4966-(2022) Cl 5.2.1 of IS 2573:2023, IS 5914 (Part 2/Sec 1) : 2017,IS 5914 (Part 2/Sec 2) : 2017,ISO: 5470 Part-2-2021 BS EN 13520,BS EN 13634: 2017,DIN EN 13520,EN 13520 ASTM D4966,IS 12673 (PT-2),IS 12673 Part 2:2022,IS 12673 (Part 1):2014,IS 12673 (Part 4),IS 12673 Part 3:
327.		Materials	Cl. 4.1.4,4.1.5 of IS 3735 (A1:1999 + A2: 2001 + A3:2003 + A4: 2004+A5:2024):1996,

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Leather & Leather Products		
328.	Leather & Footwear – Soling materials	Resistance to hot contact	Cl. 6.4.1 of BS EN ISO 20345:2022+A1:2024/ DIN EN ISO 20345:2024, Cl. 6.4.1 of BS EN ISO 20346:2022+A1:2024 / DIN EN ISO 20346:2024, Cl. 6.4.1 of BS EN ISO 20347:2022+A1:2024/ DIN EN ISO 20347:2024, Cl. 8.9 of BS EN ISO 20344:2021+A1:2024/ DIN EN ISO 20344:2024 Cl. 8.7 of ISO 20344:2021- Amd 1:2024/ IS 15298 : Part 1 : 2024 Cl.6.4.1 of ISO 20345:2021- Amd 1:2024/ IS 15298: Part 2: 2024 Cl.6.4.1 of ISO 20346:2021- Amd 1:2024/ IS 15298: Part 3: 2024 Cl.6.4.1 of ISO 20347:2021- Amd 1:2024/ IS 15298: Part 4: 2024 Cl.6.4.1 of IS 15298-3:2019/
329.	Leather & Footwear	Shape and design /Channel	Cl. 4.1.6.1, 4.2of IS 3735 (A1: 1999 +A2: 2001 + A3: 2003 +A4: 2004+A5:2024): 1996,

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Accreditation Standard: ISO/IEC 17025:2017

Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Leather & Leather Products		
330.	Leather & Footwear - Upper/Lining/ Collar/Tongue material	Tear strength	Cl. 5.4.3, 5.5.2, 5.6.2 of ISO 20345:2021- Amd 1:2024/ IS 15298: Part 2: 2024 Cl. 5.4.3, 5.5.1, 5.6.1of SASO ISO20345:2011/ Cl. 5.4.3, 5.5.2, 5.6.2 of ISO 20346:2021- Amd 1:2024/ IS 15298: Part 3: 2024 Cl. 5.4.3, 5.5.2, 5.6.2 of ISO 20347:2021- Amd 1:2024/ IS 15298: Part 4: 2024 IS 15298-3: 2019/ Cl. 6.3 of ISO 20344:2021- Amd 1:2024 /IS 15298 : Part 1 : 2024 BS EN ISO 20344:2021+A1:2024/ DIN EN ISO 20344:2024 Cl.5.4.3, 5.5.2, 5.6.2 of ISO 20345:2021- Amd 1:2024/ IS 15298: Part 2: 2024 Cl.5.4.3, 5.5.2, 5.6.2 of BS EN ISO 20345:2022+A1:2024/ DIN EN ISO 20345:2024, Cl.5.4.3, 5.5.2, 5.6.2 of ISO 20346:2021- Amd 1:2024/ IS 15298: Part 3: 2024, Cl.5.4.3, 5.5.2, 5.6.2 of BS EN ISO 20346:2022+A1:2024/ DIN EN ISO 20344:2024, Cl.5.4.3, 5.5.2, 5.6.2 of ISO

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Leather & Leather Products		
			20347:2021- Amd 1:2024 / IS 15298: Part 4: 2024, Cl.5.4.3, 5.5.2, 5.6.2 of BS EN ISO 20347:2022+A1:2024; / DIN EN ISO 20347:2024, Cl. 5.4.3, 5.5.1, 5.6.1 of IS 15298-3:2019,BS EN 13634: 2017,ASTM D3574
331.	Leather & Footwear – Soling materials	Tear strength	ISO 20344:2021- Amd 1:2024/ IS 15298: Part 1: 2024, Cl.5.8.3 of ISO 20345:2021- Amd 1:2024/ IS 15298: Part 2: 2024 Cl.5.8.3 of ISO 20346:2021- Amd 1:2024/ IS 15298: Part 3: 2024 Cl.5.8.3 of ISO 20347:2021- Amd 1:2024/ IS 15298: Part 4: 2024 Cl.5.8.2 of IS 15298-3:2019/ Cl. 8. 3 of ISO 20344:2021- Amd 1:2024/IS 15298: Part 1: 2024 Cl. 8. 3 of BS EN ISO 20344:2021+A1:2024; DIN EN ISO 20344:2024 Cl.8.2 of SASO ISO20344:2011/Cl.8.2 of IS 15298-1:2015; Cl. 5.8.3 of ISO 20345:2021- Amd 1:2024/IS 15298: Part 2: 2024 Cl. 5.8.3 of BS EN ISO20345:2022+

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Accreditation Standard: ISO/IEC 17025:2017

Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Leather & Leather Products		
			A1:2024/ DIN EN ISO 20345:2024 Cl. 5.8.3 of ISO 20346:2021- Amd 1:2024/ IS 15298: Part 3: 2024 Cl. 5.8.3 of BS EN ISO 20346:2022+A1:2024/ DIN EN ISO 20344:2024 Method A of IS 3400 (Part 12), CL.5.7, IS 5676 : 1995/A1:2023,CL.3.6, IS 6719 : 1972/A1:2023,CL.4.3.1,IS 13893:1994/A2:2024 Cl. 5.8.3 of ISO 20347:2021- Amd 1:2024/ IS 15298: Part 4: 2024 Cl. 5.8.3 of BS EN ISO 20347:2022+A1:2024; DIN EN ISO 20347:2024,ASTM D624
332.	Leather & Footwear - Upper/Lining/ Collar/Tongue material	Tensile properties and elongation %	Cl. 6. 4 of ISO 20344:2021/A1:2024/IS 15298: Part 1: 2024 Cl. 6. 4 of BS EN ISO 20344:2021+A1:2024/ DIN EN ISO 20344:2024 Cl.5.4.4 of ISO 20345:2021- Amd 1:2024/ IS 15298: Part 2: 2024 Cl.5.4.4 of BS EN ISO 20345:2022+A1:2024/ DIN EN ISO 20345:2024 Cl.5.4.4 of ISO 20346:2021- Amd 1:2024/ IS 15298: Part 3: 2024

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Leather & Leather Products		
			Cl.5.4.4 of BS EN ISO 20346:2022+A1:2024/ DIN EN ISO 20344:2024 Cl.5.4.4 of ISO 20347:2021- Amd 1:2024/ IS 15298: Part 4: 2024 Cl.5.4.4 of BS EN ISO 20347:2022+A1:2024/ DIN EN ISO 20347:2024 IS 15298-3:2019/ Cl. 4.1.6, 4.1.6.2 of IS 3735 (A1:1999 + A2: 2001 + A3:2003 + A4: 2004+A5:2024):1996, ASTM D3574,IS 5914 (Part 8)/ISO 3376 (Clause 7.2 of IS 15844 (Part 3): 2024,BS EN ISO 3376,DIN EN ISO 3376,EN ISO 3376,IS 5867
333.	Leather & Footwear - Upper/Lining/ Collar/Tongue material	Thickness	Cl. 5.4.2 of BS EN ISO 20345:2022+A1:2024/ DIN EN ISO 20345:2024 Cl. 5.4.2 of BS EN ISO 20346:2022 +A1:2024/ DIN EN ISO 20344:2024 Cl. 5.4.2 of BS EN ISO 20347:2022+A1:2024/ DIN EN ISO 20347:2024 Cl. 6.1 of BS EN ISO 20344: 2021+A1:2024/ DIN EN ISO 20344:2024

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Leather & Leather Products		
			Cl. 6.1 of ISO 20344:2021- Amd 1:2024/IS 15298 : Part 1 : 2024 Cl. 5.4.2 of ISO 20345:2021- Amd 1:2024/ IS 15298: Part 2: 2024 Cl. 5.4.2 of ISO 20346:2021- Amd 1:2024/ IS 15298: Part 3: 2024 Cl. 5.4.2 of ISO 20347:2021- Amd 1:2024/ IS 15298: Part 4: 2024 Cl. 5.4.2 of IS 15298-3:2019/ ASTM D1813/D1814,BS EN ISO 2589,EN ISO 2589,DIN EN ISO 2589
334.	Leather & Footwear -	Thickness	Cl. 5.7.1 of BS EN ISO 20345:2022/ DIN EN ISO 20345:2024 Cl. 5.7.1 of BS EN ISO 20346:2022 / DIN EN ISO 20344:2024 Cl. 5.7.1 of BS EN ISO 20347:2022/ DIN EN ISO 20347:2024 Cl.7.1 of BS EN ISO 20344: 2021/ DIN EN ISO 20344:2024 Cl. 7.1 of ISO 20344:2021- Amd 1:2024/ IS 15298 : Part 1 : 2024 Cl.5.7.1 of ISO 20345:2021- Amd 1:2024/ IS

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Accreditation Standard: ISO/IEC 17025:2017

Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Leather & Leather Products		
			15298: Part 2: 2024 Cl.5.7.1 of ISO 20346:2021- Amd 1:2024/ IS 15298-PART 3:2024 Cl.5.7.1 of ISO 20347:2021- Amd 1:2024/ IS 15298: Part 4: 2024 Cl.5.7.1 of IS 15298-3:2019/ BS EN 13634: 2017
335.	Leather & Footwear materials	cleat height	CL 6.6.2 IS 18582-6, ISO 11999-6, EN 15090, BS EN 15090, DIN EN 15090.
336.		cleat height in the waist area	CL 6.6.3 IS 18582-6, ISO 11999-6, EN 15090, BS EN 15090, DIN EN 15090.
337.		Heel breast, (Ladder grip)	CL 6.6.4 IS 18582-6, ISO 11999-6, EN 15090, BS EN 15090, DIN EN 15090.
338.	Leather & Footwear materials	Flame resistance	CL 6.2.3 OF IS 18582-6, ISO 11999-6, EN 15090, BS EN 15090, DIN EN 15090.
339.	Leather & Footwear – Soling materials	Thickness/Cleated area/Cleat height of outsole/Cleat design	Cl. 5.8.2.1, 5.8.2.2, 5.8.2.3, 6.4.3 of BS EN ISO 20345:2022+A1:2024/ DIN EN ISO 20345:2024 Cl. 5.8.2.1, 5.8.2.2, 5.8.2.3, 6.4.3 of BS EN ISO 20346:2022+A1:2024 / DIN EN ISO 20344:2024

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Leather & Leather Products		
			Cl. 5.8.2.1, 5.8.2.2, 5.8.2.3, 6.4.3 of BS EN ISO 20347:2022+A1:2024/ DIN EN ISO 20347:2024 Cl. 8.2 of BS EN ISO 20344: 2021+A1:2024/ DIN EN ISO 20344:2024 Cl. 8.2 of ISO 20344:2021- Amd 1:2024/IS 15298 : Part 1 : 2024 Cl. 5.8.1,5.8.1.1, 5.8.1.2, 5.8.1.3 of ISO 20345:2021- Amd 1:2024/ Cl. 5.8.1,5.8.1.1, 5.8.1.2, 5.8.1.3 of IS 15298: Part 2: 2024 Cl. 5.8.1,5.8.1.1, 5.8.1.2, 5.8.1.3 of ISO 20346:2021- Amd 1:2024/ IS 15298: Part 3: 2024,Cl. 5.8.1,5.8.1.1, 5.8.1.2, 5.8.1.3 of ISO 20346:2021- Amd 1:2024/ Cl. 5.8.1,5.8.1.1, 5.8.1.2, 5.8.1.3 of ISO 20347:2021- Amd 1:2024/ IS 15298: Part 4: 2024,Cl. 5.8.1,5.8.1.1, 5.8.1.2, 5.8.1.3 of IS 15298-3:2019,CL 6.6.1 IS 18582-6, ISO 11999-6,EN 15090,BS EN 15090, DIN EN 15090.,SATRA TM 136, SATRA TM 1, SATRA TM 27

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Leather & Leather Products		
340.	Leather & Footwear Insole and in-sock	Water absorption/ desorption	Cl.5.7.3, 5.7.2 of BS EN ISO 20345:2022+A1:2024/ DIN EN ISO 20345:2024,Cl.5.7.3, 5.7.2 of BS EN ISO 20346:2022+A1:2024/ DIN EN ISO 20344:2024,Cl.5.7.3, 5.7.2 of ISO 20346:2021- Amd 1:2024/ IS 15298: Part 3: 2024,Cl.5.7.3, 5.7.2 of BS EN ISO 20347:2022+A1:2024/ DIN EN ISO 20347:2024,Cl.5.7.3, 5.7.2 of ISO 20347:2021- Amd 1:2024/ IS 15298: Part 4: 2024,Cl.7.2 of BS EN ISO 20344: 2021+A1:2024/ DIN EN ISO 20344:2024 Cl.7.2 of ISO 20344:2021- Amd 1:2024/IS 15298 : Part 1 : 2024 Cl.7.2 of IS 15298-3:2019, BS EN 13634: 2017
341.	Leather & Footwear Insole and in-sock	Water penetration and water absorption	Cl. 6.3 of BS EN ISO 20345:2022+A1:2024/ DIN EN ISO 20345:2024 BS EN ISO 20346:2022 +A1:2024/ DIN EN ISO 20346:2024/ISO 20346:2021/AMD 1:2024/IS 15298 PART 3:2024 BS EN ISO 20347:2022+A1:2024/ DIN EN

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Leather & Leather Products		
			ISO 20347:2024 Cl. 6.13 of BS EN ISO 20344: 2021+A1:2024/ DIN EN ISO 20344:2024, ISO 20344:2021- Amd 1:2024/ IS 15298 : Part 1 : 2024 Cl. 6.3 of IS 15298-3:2019/ ISO 20347:2021- Amd 1:2024/ IS 15298: Part 4: 2024 ISO 20345:2021- Amd 1:2024/ IS 15298: Part 2: 2024,BS EN ISO 17702, EN ISO 17702,ISO 17702
342.	Leather & Footwear - Upper/Lining/ Collar/Tongue material	Water vapour permeability, absorption and coefficient	Cl. 5.4.6, 5.5.4 of BS EN ISO 20345:2022+A1:2024/DIN EN ISO 20345:2024/ IS 15298: Part 2: 2024/ISO 20345:2021- Amd 1:2024 BS EN ISO 20346:2022 +A1:2024/ DIN EN ISO 20344:2024 ISO 20346:2021- Amd 1:2024/ IS 15298: Part 3: 2024 BS EN ISO 20347:2022+A1:2024/ DIN EN ISO 20347:2024,ISO 20347:2021- Amd 1:2024/IS 15298-PART 3:2024 Cl. 6.6,6.7, 6.8 of BS EN ISO20344:

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Leather & Leather Products		
			2021+A1:2024/ISO 20344:2021- Amd 1:2024, IS 15298 : Part 1 : 2024 IS 15298-3:2019,IS 15298 (Part 1) (Cl. 4.4 of IS:15844 (Part 1) :2023Cl. 6.0 of IS:15844 (Part 1) :2023/A2:2025 & Cl. 7.2 of IS:15844 (Part 2) :2023)/A1:2024,IS 15298 (Part 1) (Cl. 4.5 of IS:15844 (Part 1) :2023,Cl. 6.0 of IS:15844 (Part 1) :2023/A2:2025 & Cl. 7.2, 7.3 of IS:15844 (Part 2) :2023)/A1:2024, ASTM e96, Clause 4.6.3 of IS 17043 (P1):2024,Clause 4.7.4 , 6.1.1 , 6.1.3, 6.2 of IS 17043 (P1):2024,Clause 5.7.3, 5.8.4 of IS 17861 : 2022/A1:2024, Clause 7.2, 7.3 of IS 15844 (Part 3): 2024)
343.	Leather & Footwear - Upper/Lining/ Collar/Tongue material	Width	Cl. 4.1.2 of IS 3735 (A1: 1999 +A2: 2001 + A3: 2003 +A4: 2004+A5:2024): 1996, ASTM D3774
344.	Leather & Footwear - Upper/Lining/ Collar/Tongue material	Ageing test / Heat resistance (dry and wet)	Cl. 4.1.6,4.1.6.2 of IS 3735 (A1:1999 + A2: 2001 + A3:2003 + A4: 2004+A5:2024):1996, ASTM D3574, ASTM D573

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Leather & Leather Products		
345.	Whole footwear	Dimensional conformity/ Construction of inserts	Cl. 6.2.1.2, 6.2.1.3 of BS EN ISO 20345:2022+A1:2024/ DIN EN ISO 20345:2024 Cl. 6.2.1.2, 6.2.1.3 BS EN ISO 20346:2022 +A1:2024/ DIN EN ISO 20344:2024, Cl. 6.2.1.2, 6.2.1.3 BS EN ISO 20347:2022+A1:2024/ DIN EN ISO 20347:2024, Cl. 5.8.1 of BS EN ISO 20344:2021+A1:2024/ DIN EN ISO 20344:2024,Cl. 5.8.1 of ISO 20344:2021-Amd 1:2024/IS 15298 : Part 1 : 2024 Cl.6.2.1.2, 6.2.1.3 of IS 15298-3:2019/ Cl.6.2.1.2, 6.2.1.3 of ISO 20347:2021- Amd 1:2024/ IS 15298: Part 4: 2024 Cl.6.2.1.2, 6.2.1.3 of ISO 20346:2021- Amd 1:2024/ IS 15298: Part 3: 2024 Cl.6.2.1.2, 6.2.1.3 of ISO 20345: 2021- Amd 1:2024 IS 15298: Part 2: 2024
346.		Energy absorption of seat region	Cl. 6.2.4 of BS EN ISO 20345:2022+A1:2024/ DIN EN ISO 20345:2024 Cl. 6.2.4 of BS EN ISO 20346:2022+A1:2024 / DIN EN ISO 20344:2024

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Leather & Leather Products		
			Cl. 6.2.4 of BS EN ISO 20347:2022+A1:2024/ DIN EN ISO 20347:2024 Cl. 5.17 of BS EN ISO 20344:2021+A1:2024/ DIN EN ISO 20344:2024 Cl. 5.14 of ISO 20344:2021- Amd 1:2024/ IS 15298 : Part 1 : 2024 Cl. 6.2.4 of ISO 20345:2021- Amd 1:2024/ IS 15298: Part 2: 2024 Cl. 6.2.4 of ISO 20346:2021- Amd 1:2024/ IS 15298: Part 3: 2024 Cl. 6.2.4 of ISO 20347:2021- Amd 1:2024/ IS 15298: Part 4: 2024
347.	Whole footwear	Flex resistance of penetration-resistant inserts	Cl. 6.2.1.4.1 of BS EN ISO 20345:2022+A1:2024/ DIN EN ISO 20345:2024,Cl. 6.2.1.4.1 of BS EN ISO 20346:2022+A1:2024 / DIN EN ISO 20344:2024, Cl. 6.2.1.4.1 of BS EN ISO 20347:2022+A1:2024/ DIN EN ISO 20347:2024, Cl. 5.12 of BS EN ISO 20344:2021+A1:2024/ DIN EN ISO 20344:2024, Cl. 5.9 of ISO 20344:2021-

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Leather & Leather Products		
			Amd 1:2024/ IS 15298 : Part 1 : 2024 Cl. 6.2.1.4 of IS 15298-3:2019/ Cl. 6.2.1.4.1 of ISO 20347:2021- Amd 1:2024/ IS 15298: Part 4: 2024 Cl. 6.2.1.4.1 of ISO 20346:2021- Amd 1:2024/ IS 15298: Part 3: 2024 Cl. 6.2.1.4.1 of ISO 20345: 2021- Amd 1:2024/ IS 15298: Part 2: 2024, CL. 4.3 IS 17275 : Part 2 : 2019, ISO 22568-4 : 2021, BS EN ISO 22568-4:2021 IS 17275 : Part 1 : 2019 (ISO 22568-3 : 2019),BS EN ISO 22568-3 : 2019
348.	Whole footwear	Ankle protection	Cl. 6.2.7 of BS EN ISO 20345:2022+A1:2024/ DIN EN ISO 20345:2024, Cl. 6.2.7 of BS EN ISO 20346:2022+A1:2024 / DIN EN ISO 20344:2024, Cl.6.2.6 of BS EN ISO20347:2022+A1:2024/ Cl. 5.21,5.22 of BS EN ISO20344:2021+A1:2024/ Cl. 5.17of ISO 20344:2021- Amd 1:2024/IS

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Accreditation Standard: ISO/IEC 17025:2017

Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Leather & Leather Products		
			15298: Part 1: 2024 Cl. 6.2.7 of ISO 20345:2021- Amd 1:2024/ IS 15298: Part 2: 2024 ISO 20346:2021- Amd 1:2024/ IS 15298: Part 3: 2024, IS 15298-3:2019, Cl.6.2.6 of ISO 20347: 2021- Amd 1:2024/ IS 15298: Part 4: 2024
349.	Whole footwear	Compression resistance of toecaps	Cl. 5.3.2.7 of BS EN ISO 20345:2022+A1:2024/ DIN EN ISO 20345:2024, Cl. 5.3.2.7 of BS EN ISO 20346:2022+A1:2024 / DIN EN ISO 20344:2024, Cl. 5.5 of BS EN ISO 20344:2021+A1:2024/ DIN EN ISO 20344:2024, Cl. 5.5 of ISO 20344:2021- Amd 1:2024/IS 15298 : Part 1 : 2024 Cl.5.3.2.4 of ISO 20345:2021- Amd 1:2024/ IS 15298: Part 2: 2024 Cl.5.3.2.4 of ISO 20346:2021- Amd 1:2024/ IS 15298: Part 3: 2024 Cl.5.3.2.4 of IS 15298-3:2019,Cl 4.4 of IS 5852 : Part 1 : 2019/RA2024, Cl 4.5 of IS 5852 : Part 2 : 2019, ISO 22568-

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Accreditation Standard: ISO/IEC 17025:2017

Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Leather & Leather Products		
			2 : 2019, BS EN ISO 22568-2:2019, ISO 22568-1:2019,BS EN ISO 22568-1:2019,SASO ISO 20344:2011 / SASO ISO 20345:2011/SASO ISO 20346:2004/ Cl. 4.5.6.4 of IS 17037 :2018/A2, Cl. 7.1, 8.3 of IS 16994:2018, Cl. 5.11 of IS 3976 :2018/A2, Cl. 4.5 of BS EN ISO 22568-1:2019/ BS EN ISO 22568-2: 2019
350.	Whole footwear	Construction	Cl. 5.3.1.1 of BS EN ISO 20345:2022+A1:2024/ DIN EN ISO 20345:2024, Cl. 5.3.1.1 of BS EN ISO 20346:2022+A1:2024/ DIN EN ISO 20344:2024, Cl. 5.3.1.1 of BS EN ISO 20347:2022 +A1:2024/ DIN EN ISO 20347:2024, Cl. 5.3.1.1 of ISO 20345:2021-Amd 1:2024/ IS 15298: Part 2: 2024 Cl. 5.3.1.1 of SASO ISO 20345:2011/ Cl. 5.3.1.1 of ISO 20346:2021- Amd 1:2024/ IS 15298: Part 3: 2024 Cl. 5.3.1.1 of ISO 20347:2021- Amd 1:2024/ IS 15298: Part 4: 2024 Cl. 5.3.1.1 of IS 15298-3:2019,

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Accreditation Standard: ISO/IEC 17025:2017

Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Leather & Leather Products		
			Cl. 4.3 of IS 3735 (A1:1999 + A2: 2001 + A3:2003 + A4: 2004+A5:2024):1996
351.	Whole footwear	Corrosion resistance of toecaps/inserts/ metal parts	Cl. 5.3.2.4, 6.2.1.4.2 of BS EN ISO 20345:2022+A1:2024/ DIN EN ISO 20345:2024, BS EN ISO 20346:2022+A1:2024 / DIN EN ISO 20344:2024, Cl.6.2.1.4.2 of BS EN ISO20347:2022+A1:2024/ Cl. 5.6,5.11 of BS EN ISO20344:2021+A1:2024/ Cl. 5.6 of ISO 20344:2021- Amd 1:2024/IS 15298 : Part 1 : 2024, SASO ISO 20344:2011, Cl.5.3.2.5.1, 6.2.1.5.1 of ISO 20345:2021- Amd 1:2024/ IS 15298: Part 2: 2024, SASO ISO 20345:2011/ ISO 20346:2021- Amd 1:2024/ IS 15298: Part 3: 2024 SASO ISO 20346:2004/ IS 15298-2 (A1 & A2:2019): 2016/ IS 15298-3: 2019,CL. 4.4 IS 17275 : Part 1 : 2019 (ISO 22568-3 : 2019) ,BS EN ISO 22568-3 : 2019 ,Cl 4.5 of IS 5852 : Part 1 : 2019/RA2024, Cl 4.6 of IS 5852 : Part 2 : 2019, ISO 22568-2 : 2019, BS EN ISO 22568-

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Accreditation Standard: ISO/IEC 17025:2017

Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Leather & Leather Products		
			2:2019, ISO 22568-1:2019,BS EN ISO 22568-1:2019, SASO ISO 20344:2011, Cl. 5.3.2.5.1, 6.2.1.5.1 of D615/ SASO ISO 20345:2011/ SASO ISO 20346:2004, SASO ISO 20347,Cl. 4.4 of BS EN ISO 22568-3:2019, Cl. 4.6 of BS EN ISO 22568-1:2019, SASO ISO 22775:2004, SATRA TM 310:2020 Method 2, ISO 22775:2004/SASO ISO 20347
352.	Whole footwear	Cut resistance	Cl. 6.2.8 of BS EN ISO 20345:2022+A1:2024/ DIN EN ISO 20345:2024, Cl. 6.2.8 of BS EN ISO 20346:2022 +A1:2024/ DIN EN ISO 20344:2024, Cl.6.2.7 of BS EN ISO20347:2022+A1:2024/ Cl. 5.23 of BS EN ISO 20344:2021+A1:2024/ DIN EN ISO 20344:2024 Cl. 6.14of ISO 20344:2021- Amd 1:2024/IS 15298: Part 1: 2024 ISO 20347:2021- Amd 1:2024/ IS 15298: Part 4: 2024, Cl. 6.2.8 of IS 15298-3:2019/ ISO20346:2021- Amd 1:2024/ IS 15298:

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Accreditation Standard: ISO/IEC 17025:2017

Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Leather & Leather Products		
			Part 3: 2024, ISO 20345: 2021- Amd 1:2024/ IS 15298: Part 2: 2024
353.	Whole footwear	Determination of penetration/ perforation force of inserts	Cl. 6.2.1.1, 6.2.1.1.1, 6.2.1.1.2, 6.2.1.1.3, 6.2.1.1.4 of BS EN ISO 20345:2022+A1:2024/ DIN EN ISO 20345:2024, Cl. 6.2.1.1, 6.2.1.1.1, 6.2.1.1.2, 6.2.1.1.3, 6.2.1.1.4 of BS EN ISO 20346:2022+A1:2024 / DIN EN ISO 20344:2024, Cl. 6.2.1.1, 6.2.1.1.1, 6.2.1.1.2, 6.2.1.1.3, 6.2.1.1.4 of BS EN ISO 20347:2022+A1:2024/ DIN EN ISO 20347:2024, Cl. 5.9,5.10, 5.11 of BS EN ISO 20344:2021+A1:2024/ DIN EN ISO 20344:2024/ISO 20344:2021- Amd 1:2024 IS 15298 : Part 1 : 2024 Cl. 6.2.1.1, 6.2.1.1.1, 6.2.1.1.2, 6.2.1.1.3, 6.2.1.1.4 of ISO 20345:2021- Amd 1:2024/ IS 15298: Part 2: 2024 Cl. 6.2.1.1, 6.2.1.1.1, 6.2.1.1.2, 6.2.1.1.3, 6.2.1.1.4 of ISO 20346:2021- Amd 1:2024/ IS 15298: Part 3: 2024 Cl. 6.2.1.1, 6.2.1.1.1, 6.2.1.1.2, 6.2.1.1.3,

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Accreditation Standard: ISO/IEC 17025:2017

Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Leather & Leather Products		
			6.2.1.1.4 of ISO 20347:2021- Amd 1:2024/ IS 15298: Part 4: 2024, CL. 4.2 IS 17275 : Part 2 : 2019, ISO 22568-4 : 2021,BS EN ISO 22568-4:2021, IS 17275 : Part 1 : 2019 (ISO 22568-3 : 2019) BS EN ISO 22568-3 : 2019
354.	Whole footwear	Determination of penetration/ perforation force of inserts, Stability against ageing and environmental influence	Cl. 6.2.1.1, 6.2.1.4.3 of BS EN ISO 20345:2022+A1:2024/ DIN EN ISO 20345:2024, Cl. 6.2.1.1, 6.2.1.4.3 of BS EN ISO 20346:2022+A1:2024 / DIN EN ISO 20344:2024, Cl. 6.2.1.1, 6.2.1.4.3 of BS EN ISO 20347:2022+A1:2024/ DIN EN ISO 20347:2024, Cl. 5.9, 5.10, 5.11 of BS EN ISO 20344:2021+A1:2024/ DIN EN ISO 20344:2024, Cl. 6.2.1.1, 6.2.1.5.2 of ISO 20345:2021- Amd 1:2024/ IS 15298: Part 2: 2024,ISO 20346:2021- Amd 1:2024/ IS 15298: Part 3: 2024,ISO 20347:2021- Amd 1:2024/ IS 15298: Part 4: 2024,CL. 4.4 IS 17275 : Part 2 : 2019, ISO 22568-4 : 2021, BS EN ISO 22568-4:2021

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Accreditation Standard: ISO/IEC 17025:2017

Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Leather & Leather Products		
355.		Electrical resistance: Antistatic footwear/conductive footwear	Cl. 6.2.2.1, 6.2.2.2 of BS EN ISO 20345:2022+A1:2024/ DIN EN ISO 20345:2024/Cl. 6.2.2.1, 6.2.2.2 of BS EN ISO 20346:2022+A1:2024 / DIN EN ISO 20344:2024 Cl. 6.2.2.1, 6.2.2.2 of BS EN ISO 20347:2022+A1:2024/ DIN EN ISO 20347:2024 Cl. 5.13 of BS EN ISO 20344:2021+A1:2024/ DIN EN ISO 20344:2024, Cl. 5.13 of ISO 20344:2021-Amd 1:2024/ IS 15298 : Part 1 : 2024 Cl. 6.2.2.1, 6.2.2.2 of ISO 20345:2021- Amd 1:2024/ IS 15298: Part 2: 2024, IS 18582-6, ISO 11999-6,EN 15090,BS EN 15090 Cl. 6.2.2.1, 6.2.2.2 of SASO ISO 20345:2011/ Cl. 6.2.2.1, 6.2.2.2 of ISO 20346:2021- Amd 1:2024/ IS 15298: Part 3: 2024 Cl. 6.2.2.1, 6.2.2.2 of ISO 20347:2021-Amd 1:2024/ IS 15298: Part 4: 2024 Cl. Cl. 6.2.2.1, 6.2.2.2,6.2.2.3 of IS 15298-3:2019 ,CL. 4.5 IS 17275 : Part 2 : 2019,

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Accreditation Standard: ISO/IEC 17025:2017

Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Leather & Leather Products		
			ISO 22568-4 : 2021,BS EN ISO 22568-4:2021
356.	Whole footwear	General/ Finishing/Width of flange	Cl. 5.3.2.1, 5.4.1,5.3.2.3, 5.5.1, 5.6.1, 5.8.1 of BS EN ISO 20345:2022+A1:2024/ DIN EN ISO 20345:2024, Cl. 5.4.1, 5.5.1, 5.6.1, 5.8.1 of BS E N ISO 20347:2022+A1:2024 / Cl.5.3.2.1,5.4.1, 5.3.2.3, 5.5.1, 5.6.1,5.8.1 of ISO 20345:2021- Amd 1:2024/ IS 15298: Part 2: 2024 Cl. 5.3.2.1,5.4.1, 5.3.2.3, 5.5.1, 5.6.1, 5.8.1 of ISO 20346:2021- Amd 1:2024/ IS 15298: Part 3: 2024 5.4.1, 5.5.1, 5.6.1, 5.8.1 of ISO 20347: 2021- Amd 1:2024/ IS 15298: Part 4: 2024 Cl.5.3.2.1, 5.4.1 of IS 15298-3:2019, CL.5.1, IS 5676 : 1995/RA 2021/A1:2023 Cl 4.1,4.2.1,4.2.2 of IS 5852 : Part 1 : 2019/RA2024, Cl 4.1,4.2,4.3.2 of IS 5852 : Part 2 : 2019, ISO 22568-2 : 2019, BS EN ISO 22568-2:2019, ISO 22568-1:2019,BS EN ISO 22568-1:2019
357.	Whole footwear	Heat insulation of sole complex	Cl. 6.2.3.1 of BS EN ISO 20345:2022+A1:2024 /DIN EN ISO

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Accreditation Standard: ISO/IEC 17025:2017

Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Leather & Leather Products		
			20345:2024/ IS 15298: Part 2: 2024/ISO 20345: 2021- Amd 1:2024 Cl. 6.2.3.1 of BS EN ISO 20346:2022 +A1:2024/ DIN EN ISO 20344:2024 Cl. 6.2.3.1 of BS EN ISO 20347:2022+A1:2024/ DIN EN ISO 20347:2024,Cl. 5.15 of BS EN ISO 20344:2021+A1:2024/ DIN EN ISO 20344:2024 Cl. 5.12 of ISO 20344:2021- Amd 1:2024/IS 15298 : Part 1 : 2024 Cl. 6.2.3.1 of ISO 20346:2021- Amd 1:2024/ IS 15298: Part 3: 2024 Cl. 6.2.3.1 of ISO 20347:2021- Amd 1:2024/ IS 15298: Part 4: 2024,CL 6.2.1IS 18582-6, ISO 11999-6,EN 15090,BS EN 15090,Cl. 6.2.3.1 of IS 15298- 3:2019/ SASO ISO 20344:2011/ SASO ISO 20345:2011/ SASO ISO 20346:2004/ SASO ISO 20347:2012/ /IS 17012:2018/A1, Cl. 4.5.8 of IS 17037: 2018/A2, IS 17012:2018, Cl. 4.5.8 of IS 17037 (A1:2021) : 2018

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Leather & Leather Products		
358.	Whole footwear	Impact resistance Metatarsal protection	Cl. 6.2.6 of BS EN ISO 20345:2022+A1:2024/ DIN EN ISO 20345:2024, BS EN ISO 20346:2022+A1:2024 / DIN EN ISO 20344:2024, Cl. 5.20 of BS EN ISO 20344:2021+A1:2024/ DIN EN ISO 20344:2024, Cl. 5.16 of ISO 20344:2021-Amd 1:2024/IS 15298: Part 1: 2024 ISO 20346: 2021 - Amd 1:2024/ IS 15298: Part 3: 2024, ISO 20345: 2021- Amd 1:2024/ IS 15298: Part 2: 2024
359.	Whole footwear	Impact resistance of toecaps	Cl. 5.3.2.6, 5.3.2.5 of BS EN ISO 20345:2022+A1:2024/ DIN EN ISO 20345:2024,Cl. 5.3.2.6, 5.3.2.5 of BS EN ISO 20346:2022+A1:2024 / DIN EN ISO 20344:2024 ,Cl. 5.4 of BS EN ISO 20344:2021+A1:2024/ DIN EN ISO 20344:2024,Cl. 5.4 of ISO 20344:2021-Amd 1:2024/ IS 15298 : Part 1 : 2024, Cl. 5.3.2.6, 5.3.2.5 of ISO 20345: 2021-Amd 1:2024/ IS 15298: Part 2: 2024 Cl. 5.3.2.6, 5.3.2.5 of ISO 20346:2021- Amd

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Accreditation Standard: ISO/IEC 17025:2017

Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Leather & Leather Products		
			1:2024/ IS 15298: Part 3: 2024 Cl. 5.3.2.3 of IS 15298- 3:2019,Cl 4.3 of IS 5852 : Part 1 : 2019/RA2024 Cl 4.4 of IS 5852 : Part 2 : 2019, ISO 22568-2 : 2019, BS EN ISO 22568-2:2019, ISO 22568-1:2019,BS EN ISO 22568-1:2019,Cl. 12,18 of IS 1989-1: 1986/A4/ IS 1989-2 (A1: 1988 + A2: 1999): 1986, IS 5852:2004, Cl. 5.15 Annex D of IS 12254:1993/A2, Cl. 7.1, 8.3 of IS 16994:2018, Cl. 5.1.7.6 of IS 5557 PART 1:2004, Cl. 5.7 of IS 3976: 2018/A2, Cl. 5.6 of IS 11226 (A1: 1994 + A2: 1998):1993/ IS 14544:1998, Cl. 4.4 of BS EN ISO 22568-1:2019, Cl. 4.4, 4.6 of BS EN ISO 22568-2: 2019,SASO ISO 20344:2011/ /SASO ISO 20345:2011/ SASO ISO 20346:2004, Cl. 4.5.6.3 of IS 17037: 2018/A2
360.	Whole footwear	Internal length/width of flange, Dimensions of toecaps	Cl. 5.3.2.2 of BS EN ISO 20345:2022+A1:2024/ DIN EN ISO 20345:2024,Cl. 5.3.2.2 of BS EN ISO 20346:2022+A1:2024 / DIN EN ISO

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Accreditation Standard: ISO/IEC 17025:2017

Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Leather & Leather Products		
			20344:2024,Cl. 5.3 of BS EN ISO 20344:2021+A1:2024/ DIN EN ISO 20344:2024, Cl. 5.3 of ISO 20344:2021- Amd 1:2024/ IS 15298 : Part 1 : 2024 Cl. 5.3.2.2 of ISO 20345:2021- Amd 1:2024/ IS 15298: Part 2: 2024 Cl. 5.3.2.2 of ISO 20346:2021- Amd 1:2024/ IS 15298: Part 3: 2024 Cl. 5.3.2.2 of IS 15298- 3:2019, Cl 4.2.1, 4.2.2 of IS 5852 : Part 1 : 2019/RA2024, Cl 4.3.1, 4.3.2 of IS 5852 : Part 2 : 2019, ISO 22568-2 : 2019, BS EN ISO 22568-2:2019, ISO 22568-1:2019,BS EN ISO 22568-1:2019,Annex B of IS 1720,Cl 5.2.2 of IS 2573:2023
361.	Whole Footwear	Leak-proofness	Cl.5.3.3 of BS EN ISO 20345:2022+A1:2024/ DIN EN ISO 20345:2024 Cl.5.3.3 of BS EN ISO 20346:2022+A1:2024/ DIN EN ISO 20344:2024 Cl. 5.3.2 of BS EN ISO 20347:2022+A1:2024/ DIN EN ISO

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Leather & Leather Products		
			20347:2024, Cl. 5.7 of BS EN ISO 20344:2021+A1:2024/ DIN EN ISO 20344:2024, Cl. 5.7 of ISO 20344:2021- Amd 1:2024/IS 15298 : Part 1 : 2024 Cl. 5.3.3 of ISO 20345:2021/ IS 15298: Part 2: 2024,Cl. 5.3.3 of SASO ISO 20345:2011/ Cl. 5.3.3 of ISO 20346:2021- Amd 1:2024/ IS 15298: Part 3: 2024,Cl. 5.3.3 of IS 15298-3:2019,Cl.5.3.2 of ISO 20347:2021- Amd 1:2024/ IS 15298: Part 4: 2024 Cl.5.12 of IS 12254:1993 +A1 : 2023,
362.	Whole footwear	Specific ergonomic features	Cl. 5.3.4 of BS EN ISO 20345:2022+A1:2024/ DIN EN ISO 20345:2024,Cl. 5.3.4 of BS EN ISO 20346:2022 +A1:2024/ DIN EN ISO 20344:2024,Cl. 5.3.3 of BS EN ISO 20347:2022+A1:2024/ DIN EN ISO 20347:2024,Cl. 5.1 of BS EN ISO 20344:2021+A1:2024/ DIN EN ISO 20344:2024, Cl. 5.3.3 of ISO 20347:2021- Amd 1:2024/ IS 15298: Part 4: 2024 Cl. 5.1 of ISO 20344:2021- Amd 1:2024/IS

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Leather & Leather Products		
			15298 : Part 1 : 2024 Cl. 5.3.4 of ISO 20345:2021- Amd 1:2024-Amd 1:2024/ IS 15298: Part 2: 2024 Cl. 5.3.4 of ISO 20346:2021- Amd 1:2024 / IS 15298: Part 3: 2024,Cl. 5.3.4 of IS 15298-3: 2019,BS EN 13634: 2017
363.	Whole footwear	Upper/outsole bond strength / Adhesion/Consolidation Test	Cl. 5.3.1.2 of BS EN ISO 20345:2022+A1:2024/ DIN EN ISO 20345:2024, Cl. 5.3.1.2 of BS EN ISO 20346:2022+A1:2024/ DIN EN ISO 20344:2024,Cl. 5.3.1.2 of BS EN ISO 20347:2022+A1:2024 / DIN EN ISO 20347:2024, Cl. 5.2 of BS EN ISO 20344:2021 +A1:2024/ DIN EN ISO 20344:2024,Cl. 5.2 of ISO 20344:2021-Amd 1:2024/ IS 15298 : Part 1 : 2024 Cl. 5.3.1.2 of ISO 20345:2021- Amd 1:2024/ IS 15298: Part 2: 2024 Cl. 5.3.1.2 of ISO 20346:2021- Amd 1:2024/ IS 15298: Part 3: 2024 Cl. 5.3.1.2 of SASO ISO 20346:2004/ Cl. 5.3.1.2 of ISO 20347:2021- Amd

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Accreditation Standard: ISO/IEC 17025:2017

Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Leather & Leather Products		
			1:2024/ IS 15298: Part 4: 2024 Cl. 5.3.1.2 of IS 15298- 3:2019/ Cl. 4.4, 4.5 of IS 3735 (A1: 1999 + A2: 2001 + A3: 2003 + A4: 2004+A5:2024):1996,BS EN 13634: 2017
364.	Whole footwear	Water resistance for whole footwear	Cl. 6.2.5 of BS EN ISO 20345:2022+A1:2024/ DIN EN ISO 20345:2024,Cl. 6.2.5 of BS EN ISO 20346:2022+A1:2024 / DIN EN ISO 20344:2024, Cl. 6.2.5 of BS EN ISO 20347:2022+A1:2024/ DIN EN ISO 20347:2024, Cl. 5.18, 5.19 of BS EN ISO 20344:2021+A1:2024/ DIN EN ISO 20344:2024, Cl. 5.18, 5.19 of ISO 20344:2021- Amd 1:2024/ IS 15298 : Part 1 : 2024 Cl.6.2.5 of IS 15298- 3:2019/ Cl.6.2.5 of ISO 20347:2021- Amd 1:2024/ IS 15298: Part 4: 2024 Cl.6.2.5 of ISO 20346:2021- Amd 1:2024/ IS 15298: Part 3: 2024 Cl.6.2.5 of ISO 20345: 2021- Amd 1:2024/

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Leather & Leather Products		
			IS 15298: Part 2: 2024,CL 6.5 IS 18582-6, ISO 11999-6,EN 15090,BS EN 15090,
365.	Leather & footwear	Resistance to Hydrolysis	Cl.5.4.7 of BS EN ISO 20345:2022+A1:2024/ DIN EN ISO 20345:2024/ IS 15298: Part 2: 2024/ISO 20345:2021- Amd 1:2024 Cl.5.4.7 of BS EN ISO 20346:2022+A1:2024// DIN EN ISO 20344:2024/ISO 20346:2021- Amd 1:2024/ IS 15298: Part 3: 2024 Cl.5.4.7 of BS EN ISO 20347:2022+A1:2024/ DIN EN ISO 20347:2024 ISO 20347:2021- Amd 1:2024/ IS 15298: Part 4: 2024, Cl. 6.10 of BS EN ISO 20344:2021+A1:2024/ DIN EN ISO 20344:2024 /ISO 20344:2021:2021- Amd 1:2024/ IS 15298: Part 1: 2024
366.	Whole footwear	cold insulation of sole complex	Cl.6.2.3.2 of BS EN ISO 20345:2022+A1:2024/ DIN EN ISO 20345:2024, Cl.6.2.3.2 of ISO 20345:2021- Amd 1:2024/ IS 15298: Part 2: 2024 Cl.6.2.3.2 of BS EN ISO

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Leather & Leather Products		
			20346:2022+A1:2024/ DIN EN ISO 20344:2024,Cl.6.2.3.2 of ISO 20346:2021- Amd 1:2024/ IS 15298: Part 3: 2024 Cl.6.2.3.2 of BS EN ISO 20347:2022+A1:2024/ Cl.6.2.3.2 of ISO 20347:2021- Amd 1:2024/ IS 15298: Part 4: 2024 Cl.6.2.3.2 of IS 15298- 3:2019/IS 15298- 4(A1 &A2:2019):2017/ Cl. 5.16 of BS EN ISO 20344:2021+A1:2024/ DIN EN ISO 20344:2024Cl. 5.16 of ISO 20344:2021- Amd 1:2024/IS 15298 : Part 1 : 2024,SASO ISO 20347:2012/Cl.5.13 of SASO ISO 20344:2011/ Cl. 4.5.7 of IS 17012:2018/A1 /Cl.4.5.9 of IS 17037:2018/A2 /Cl.8.7.4 of IS 5557 P-2: 2018/A2,Clause 5.6.4 of IS 17861 : 2022/A1:2024,Clause 4.5.7 of IS 17043 (P1):2024
367.	Coated materials	Adhesion peel strength	IS 3400: Part 5: 2022 (ISO 36: 2020), IS 6191: Part 5: 2024 (ISO 11644: 2022) ISO 17698, IS 8085: Part 8: 2019

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Leather & Leather Products		
368.	Coated materials	Determination of flex cracking and crack growth De Mattia	IS 3400: Part 7: 2021 (ISO 132: 2017) IS 7016: Part 4: 2003 (ISO 7854: 1995), BS EN ISO 7854(Method A), DIN EN ISO 7854(Method A), EN ISO 7854(Method A)
369.	Footwear	Colour Migration	ISO 17701:2021
370.	Leather gauntlets and mittens	Types	Cl 4 of IS 2573:2023
371.		Shape, design and dimension	Cl 4.2, 5 of IS 2573:2023
372.		Material	Cl 5.2 of IS 2573:2023
373.		Single thread breaking load	IS 1670, Cl 5.2 .2of IS 2573:2023
374.		Weave	Cl 5.2.3 of IS 2573:2023
375.		Count of yarns	Cl 5.2.3 of IS 2573:2023
376.		Ends/cm	IS 1963, Cl 5.2.3 of IS 2573:2023
377.	Leather gauntlets and mittens	Picks/cm	IS 1963, Cl 5.2.3 of IS 2573:2023
378.		Mass, g/m2	IS 1964, Cl 5.2.3 of IS 2573:2023
379.		Breaking load	IS 1969 (Part 1): 2018, Cl 5.2.3 of IS 2573:2023 and 1969 (Part 2): 2018
380.		Manufacture	Cl 5.3 of IS 2573:2023

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Leather & Leather Products		
381.		heat resistance test	Cl 6 of IS 2573:2023
382.	Gloves	Blade cut resistance	Cl. 6.2 of ISO 23388:2018, IS 6994: Part 6: 2021, ASTM F2992/F2992M
383.		Puncture resistance	Cl. 6.4 ISO 23388:2018, IS 6994: Part 6: 2021, ASTM F1342
384.		Tear resistance	Cl. 6.3 of ISO 23388: 2018, IS 6994: Part 6: 2021
385.		Dexterity	Cl. 5.2 of IS 6994: Part 7: 2021 (ISO 21420: 2020
386.		Glove design and construction —General	Cl. 4.1 of IS 6994: Part 7: 2021 (ISO 21420: 2020
387.		Water vapour absorption (Leather materials)	Cl. 5.3.2 of IS 6994: Part 7: 2021 (ISO 21420: 2020
388.		Water vapour transmission (Leather materials)	Cl. 5.3.1 of IS 6994: Part 7: 2021 (ISO 21420: 2020
389.	Leather and Leather product	Lastometer Ball Burst Test	ISO 3379, ASTM D 2207
390.	Leather and Leather product	Dimension	Cl 3.0 of IS 7888

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Accreditation Standard: ISO/IEC 17025:2017

Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Leather & Leather Products		
391.	Leather & synthetic Footwears (Zipper)	Open-End Slide Fastener Single Stringer Slider Retention	EN 16732
392.	Leather & synthetic Footwears (Zipper)	Puller Attachment (Zipper)	ASTM D2061, EN 16732, SATRA TM 52, CL 6.7.2 of IS 18582-6, ISO 11999-6, EN 15090, BS EN 15090,
393.	Leather & synthetic Footwears (Zipper)	Strength Of Closed-End	ASTM D 2061, EN 16732
394.	Zipper of Footwear & footwear product	Strength Of Open-End Slide Fastener Box	ASTM D 2061
395.	Leather & synthetic Footwears (Zipper)	Strength Of Top Stop	ASTM D2061, SATRA TM53
396.		Lateral Strength of Open-End Attachment	ASTM D 2061, SATRA TM51
397.		Zipper fatigue tester/reciprocating test	ISO 10751
398.		Slider fastener to repeated opening and closing	SATRA TM50
399.		Strength Of Top Stop	EN 16732
400.		Lateral Strength of Open-End Attachment	EN 16732

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Accreditation Standard: ISO/IEC 17025:2017

Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Leather & Leather Products		
401.		Lateral Strength of Slide Fastener	EN 16732, CL 6.7.3 of IS 18582-6, ISO 11999-6, EN 15090, BS EN 15090,
402.		Open-End Slide Fastener Single Stringer Slider Retention	ASTM D 2061
403.	Footwear (Upper & Lining)	Vertical Wicking Test	AATCC 79, SATRA TM 305, ISO 19074:2015, BS EN ISO 19074:2015, GSO ISO 19074:2021
404.		Tear Strength	ISO 13937-2
405.		Mass Per Unit Area	ISO 3801(RA 2011), ASTM D3776 / D3776M, IS 5914
406.		Bursting Strength Test	ISO 13938-1; IS 1966-1
407.	Leather & Footwear - (Slide Fasteners)	Attachment Strength of Slide Fasteners End Stops	SATRA TM 53
408.		Lateral Strength of Slide Fastner	SATRA TM 51
409.		Security Attachment of Top Stop	IS 14181 PART-2
410.		Strength Of Slide Fasteners Puller	SATRA TM 52

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Accreditation Standard: ISO/IEC 17025:2017

Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Leather & Leather Products		
411.	Leather/Textile Footwear & accessories	Cf To Light	IS 105 B02
412.	Footwear	Whole Shoe Flexing	ISO 19955:
413.	Leather/ Footwear Products & Accessories	Shoe Lace Strength	SATRA TM 94, IS 17012:2018/A1, IS 17037:2018/A1,
414.		Shoe Lace Tag Strength	SATRA TM 175, IS 17012:2018/A1, IS 17037:2018/A1, Cl. 4.1.5.1 of IS 3736 (A1: 1999 + A2: 2001 + A3: 2003): 1995, Cl. 4.2.2 of IS 12254: 1993
415.	Footwear (sole material)	Top-Piece Attachment	BS 5131: 5.9
416.	Footwear (sole material)	Top-Piece Attachment	SATRA TM 108
417.	Leather / Footwear Products & Accessories	Knot Slippage Test	SATRA TM 195
418.		Hydrolysis Test of Pu Based Sheet Material	SATRA TM 328
419.		Heel Attachment	BS EN 12785, ASTM F2947, SATRA TM 113
420.		Determination Of Distention and Strength of Surface (Ball Burst Methods)	ISO 3379, IS 14970; SATRA TM 24
421.		Adhesion Of Finish	ISO 11644, ASTM D5179, SATRA TM 410, DIN EN ISO 11644, EN ISO 11644

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Leather & Leather Products		
422.	Leather & Leather Products	Determination Of Resistance to Damage By flexing	ISO 132:2017, ISO 7854:1995
423.		Abrasion Resistance of Leather	SATRA TM 193:2004
424.	Leather & synthetic Footwears (Zipper)	Slider Locking Strength of Slide Fasteners	SATRA TM 226:1999
425.		Security Of Attachment of Retainer to Lateral Load	IS 14181 PART -2:2002
426.		Security Attachment of Bottom Stop	IS 14181 PART-2:2002
427.	Leather & synthetic Footwears	Resistance To Scuffing by Mild Circular Abrasion	SATRA TM 14:2024
428.	Footwears	Mass Per Unit Area	SATRA TM 28:2021
429.	Leather	Determination Of Dry Heat Resistance of Leather	ISO 17227: 2002, BS EN ISO 17227:2002, DIN EN ISO 17227:2002, EN ISO 17227:2002
430.	Leather / Footwear (sole material)	Bata Belt Flexing	SATRA TM 133:2017
431.	Leather / Footwear	Compression Set	SATRA TM 64:1996
432.		Grain Crack	ISO 3378:2002

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Leather & Leather Products		
433.		Grain Crack	SATRA TM 48:1996
434.		Heel Attachment	ISO 22650:2018
435.	Footwear Products & Accessories	Velcro Shear Strength	ISO 22776:2004, SATRA TM 123:2018, BS EN ISO 22776: 2004, DIN EN ISO 22776:2004, EN ISO 22776:2004
436.	Footwear Products & Accessories	Velcro Peel Strength	ISO 22777:2004, SATRA TM 123: 2018, BS EN ISO 22777: 2004, DIN EN ISO 22777:2004, EN ISO 22777:2004
437.	Footwear	Whole Shoe Flexing	SATRA TM 92:2018; ISO 19955:2001
438.	Textile Footwear Products & Accessories	Bursting strength	SATRA TM 170:1992
439.	Leather/ Footwear Products & Accessories	Seam strength (dry &wet)	IS 15891-18:2024; ISO 13935-1:2014
440.	Leather/ Footwear Products & Accessories	Puncture resistance test	BS EN 863:2008
441.		Tensile strength (dry & wet)	IS 1989-1:1986, IS 15891-3:2024, ISO 13934-1:2013, ASTM D5035: 11(2024)
442.	Textile Footwear Products & Accessories	Bursting strength test	ISO 13938-1:2019, IS 1966-1:2022
443.		Breaking Strength of Buckle - Three-point Bending test	SATRA TM 141

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Leather & Leather Products		
444.	Leather/ Footwear Products & Accessories	Attachments Strength of Eyelets	SATRA TM 150
445.	Leather / synthetic footwear (Zipper)	Strength Of Open-End Slide Fastener	EN 16732 ASTM D 2061
446.		Strength Of Slider Locking Device	ASTM D 2061
447.		Strength Of Slider Locking Device	EN 16732
448.	Leather & Footwear - Upper/Lining/ Collar/Tongue material	Resistance to fuel oil	Cl. 6.1 of IS 17012:2018, Cl. 4.14.10 of IS 17037 (A1: 2021):2018, Cl. 5.1.7.8 of IS 5557-1:2004, Cl. 8.6 of IS 5557 Part 2: 2018/A2, Cl. 7.1 of IS 3976: 2018/A2
449.	Gloves	Abrasion resistance	Cl. 6.1 of BS EN 388:2016+A1:2018/ Cl. 5.1 of EN 12477: 2001, Cl. 6.1 of ISO 23388:2018, IS 6994: Part 6: 2021
450.	Gloves	Blade cut resistance	Cl. 6.2 of BS EN 388:2016+A1:2018/ Cl. 5.2 of EN 12477: 2001
451.		Dexterity	Cl. 5.2 of BS EN ISO 21420: 2020
452.		Dexterity	Cl. 5.9 of EN 12477: 2001
453.		Glove design and construction — General	Cl. 4.1 of BS EN ISO 21420: 2020

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Leather & Leather Products		
454.		Measurement of glove length	Cl. 6.1 of BS EN ISO 21420: 2020, Cl. 4.4 of EN 407: 2020, Cl. 3.2 of EN 12477: 2001, Cl. 5.1, 6.1of IS 6994: Part 7: 2021 (ISO 21420: 2020
455.		Puncture resistance	Cl. 6.4 of BS EN 388:2016+A1:2018/ Cl. 5.4 of EN 12477: 2001
456.		Tear resistance	Cl. 6.3 of BS EN 388:2016+A1:2018/ Cl. 4.3 of BS EN 407:2020/ Cl. 5.3 of EN 12477: 2001
457.		Water vapour absorption (Leather materials)	Cl. 5.3.2 of BS EN ISO 21420: 2020
458.		Water vapour transmission (Leather materials)	Cl. 5.3.1 of BS EN ISO 21420: 2020
459.	Leather & Footwear	Marking/Packing	SASO ISO 20346:2007, Cl. 5 of IS 3735 :1996/A5, Cl. 4 of IS 11544:1986, Cl. 6 of IS 12254: 1993
460.	Leather & Footwear	Marking/Packing	Cl. 6.1 of IS 13995:1995, Cl. 10 of IS 16994:2018, Cl. 6 of IS 16645:2018, Cl. 6 of IS 5557: 2004
461.		Breaking Load and Tag Retention	Cl. 8.14, 14.14 of IS 1989-1: 1986/A4, IS 1989-2: 1986/A2, IS 1969 (Part 1): 2009 or

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Leather & Leather Products		
			IS 1969 (Part 2): 2018, Cl. 4.1.5 of IS 3735: 1996/A5, Cl. 4.16.2 of IS 17012:2018/A1, Cl. 4.16.2 of IS 17037 (A1: 2021): 2018, Cl. 3.7 of BS 5131:1991, Cl. 5.2.3 (Annex C), 5.2.8.2 of IS 3976: 2018/A2, Cl. 7.3 of IS 5557 Part 2: 2018/A2, Cl. 8 (Annex C) of IS 16694: 2018, Cl. 4.1.5.1 of IS 3736: 1995/A3, Cl. 4.2.2 of IS 12254: 1993/A2
462.		Finish	Cl. 10 & 16 of IS 1989-1 (A1: 1988 + A2: 1995 + A3: 1998 + A4:2003): 1986/ IS 1989-2 (A1: 1988 + A2: 1999): 1986, Cl. 4.5 of IS 3735 (A1: 1999 + A2: 2001 + A3: 2003 + A4: 2004): 1996, Cl. 5.4 of IS 3976 (A1: 2021): 2018, Cl. 5.14 of IS 12254:1993, Cl. 8.9 of IS 16994: 2018
463.		Design	Cl. 9, 15 of IS 1989-1 (A1: 1988 + A2: 1995 + A3: 1998 + A4: 2003): 1986/ IS 1989-2 (A1: 1988 + A2: 1999): 1986, Cl. 5.4 of IS 11226 (A1: 1994 + A2: 1998): 1993
464.	Leather & Footwear	Marking/Packing	Cl. 11.1 of IS 5557 Part 2: 2018/A2, Cl. 10 & 11 of IS 3976: 2018/A2, Cl. 7 & 8 of IS 11226 :1993/A2, Cl. 8 of IS 17012: 2018/A1,

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	Leather & Leather Products		
			Cl. 4, 5 of 1989-1 (A1: 1988 + A2: 1995 + A3: 1998 + A4: 2003): 1986/ IS 1989-2 (A1: 1988 + A2: 1999):1986, ISO 20344:2021, SASO ISO 20344:2011, ISO TR 20880:2007, SASO ISO TR 20880: 2007, Cl. 7 of IS 17037 (A1: 2021):2018, Cl. 7 of IS 14544: 1998
465.	Leather & Footwear	Length/width	Cl. 7.16.1 of IS 17012:2018/A1, Cl. 4.16.1 of IS 17037 (A1: 2021):2018, Cl. 8.14, 14.14 of IS 1989-1 (A1: 1988 + A2: 1995 + A3: 1998 + A4:2003): 1986/ IS 1989-2 (A1: 1988 + A2: 1999): 1986, Cl. 4.2.2 of IS 12254:1993/A2, Cl. 5.2.6, 5.2.8.1 of IS 3976: 2018/A2, IS 4778:1982, IS 1720:1978, ISO 22198:2006, ASTM D 3774-18, ASTM D 3773-10
466.	Leather & Footwear	Rapid sole adhesion	BS 5131-5.1:1990, SATRA TM404:2020, Cl. 5.7 of IS 11226 (A1: 1994 + A2: 1998):1993, Cl. 5.7 of IS 14544: 1998
467.	Leather & Footwear	Stitch tear strength	Cl. 8.2, 14.2 of IS 1989-1 (A1: 1988 + A2: 1995 + A3: 1998 + A4: 2003): 1986/ IS 1989-2 (A1: 1988 + A2: 1999): 1986, IS 3840 (A1: 2021):2011, IS 5914 LP: 8 (A1:

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Leather & Leather Products		
			1983): 1970, Cl. 5.2.1, 5.2.2 of IS 11226 (A1: 1994 + A2: 1998):1993, Cl. 3.5 of IS 5677(A1: 1993 + A2: 2021):1986, Cl. 4.6 (table1) Appendix B of IS 5867 (A1: 1993): 1970, Cl. 5.2.1, 5.2.2 of IS 14544:1998, SATRA TM 5: 2000, BS EN ISO 23910: 2019
468.		Straps/Toe-post Attachment / breaking	SATRA TM 120:2021, BS 5131, SATRA TM 118, ISO 24263:2020
469.		Strength of Buckle/ trims /bows/Puller Attachment	SATRA TM 117, SATRA TM 141, SATRA TM 181:2017, SATRA TM 52:2018, SATRA TM 53:1992, IS 17043 (A1: 2021): 2018 Cl. 4.14 Annex B, SATRA TM 226: 1999
470.		Water absorption	Cl. 8.3, 14.3 of IS 1989-2(A1: 1988 + A2: 1999): 1986/ IS 1989-1 (A1: 1988 + A2: 1995 + A3: 1998 + A4: 2003): 1986, LP:12 of IS 5914 (A1: 1983): 1970, IS 579:2017, Cl. 4.1.3, 8.3, Annex H of IS 6664:1992, Cl. 5.2.2 of IS 11226 (A1: 1994 + A2: 1998):1993, Cl. 5.2.2 of IS 14544:1998, Cl. 4.6 (table 1) of IS 5867 (A1: 1993): 1970

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Leather & Leather Products		
471.	Leather & Footwear - Upper/Lining/ Collar/Tongue material	Materials	Cl. 4.6.1, 4.7.1, 4.7.2, 4.11.1, 4.12.1, 4.9.1, 4.10.1, 4.14.1, 4.15 of IS 17012:2018/A1; Cl. no. 4.6.1, 4.7.1, 4.7.2, 4.11.1, 4.12.1, 4.8.1, 4.9.1, 4.14.1, 4.15 of IS 17037 (A1:2021) :2018;
472.	Leather & Footwear - Design	Height of upper	SASO ISO 20344:2011/IS 15298-1:2015, / SASO ISO 20345:2011/ SASO ISO 20347:2012/, Cl. 5.2.1 of SASO ISO 20346: 2004, Cl. 4.4 of IS 17012:2018/A1 IS 17037 (A1: 2021): 2018, Cl. 4.3 of 3736 (A1: 1999 + A2: 2001 + A3: 2003):1995, Cl. 5.11 Table 4 of IS 12254:1993/A2, Cl. 8.1 of IS 16694:2018, Cl. 8.3 of IS 5557 Part 2: 2018/A2, Cl. 5.6 of IS 3976: 2018/A2
473.		Seat region (Design A, B, C, D, E)	SASO ISO 20345:2011/ SASO ISO 20346:2004/ SASO ISO 20347:2012/
474.		Size	Cl. 4.3.1 of IS 17012:2018/A1, IS 17037 (A1: 2021):2018/A2, Cl. 5.1.7 of IS 13995:1995, Cl. 5.1.2 of IS 5557 PART 1:2004, Cl. 6 of IS 5557 Part 2: 2018/A2

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Leather & Leather Products		
475.	Leather & Footwear - Design	Weight/ Mass	Cl. 4.3.2 of IS 17012:2018/A1, IS 17037: 2018/A2/Cl. 11,17 of IS 1989-2 (A1:1988+A2:1999):1986/IS 1989-1 (A1:1988+A2:1995+A3:1998+A4:2003): 1986, Cl. 4.6 of IS 3735: 1996/A5/ IS 3736 (A1:1999+A2:2001+A3: 2003): 1995, Cl. 5.5 of IS 3976: 2018/A2/IS 11226 (A1:1994+A2:1998):1993/ IS 14544: 1998
476.	Leather & Footwear - sole material	Hardness Shore Durometer	ISO 868, SASO ISO 868:2003, SATRA TM205:(16)2017, Cl. 4.14.6 of IS 17012:2018/A1, Cl. 4.14.4 of IS 17037 (A1: 2021): 2018, Cl. 5.4 Table 2 of IS 12254:1993, IS 12240 (Part 2):1988, Cl. 4.3.1 Table1 of IS 13893:1994, Cl. 5.2.11 table 1, Table 2 of IS 11226(A1: 1994 + A2: 1998):1993, Cl. 5.2.11, Table 2 of IS 14544: 1998, ASTM D 2240-15 (2021)/ DIN ISO 48-4: 2021-02
477.	Leather & Footwear - sole material	Hardness IRHD	Cl. 4.1.7.3 Table 4 of IS 3736 (A1: 1999 + A2: 2001 + A3: 2003): 1995, IS 3400 Part 2: 2014, Cl. 4.1.6 of IS 3735: 1996/A5, Cl.5.2.11, Table1 of IS 14544:1998, Cl.

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Leather & Leather Products		
			5.2.5.2 of IS 3976 (A1: 2021): 2018, Cl. 7.4.1 Table 3 of IS 5557 Part 2 (A1: 2020):2018, Cl. 5.1.4.1 Table 2 of IS 5557:2004, Cl. 5.4 of IS 16645:2018, Cl. 7.7 of IS 16694:2018, Cl. 3.2.1 table 1 of IS 11544:1986, Cl. 4.14.6 of IS 17012:2018/A1, Cl. 4.14.4 of IS17037 :2018/A2, ISO 48-2:2018, SATRA TM206: 1999
478.	Leather & Footwear - Upper/Lining/ Collar/Tongue material	Abrasion resistance of insole	SASO ISO 20344:2011/SASO ISO 20345:2011/SASO ISO 20346:2004/SASO ISO 20347: 2012, Cl.4.9.2 of IS 17012:2018/A1, Cl.4.8.2 of IS 17037(A1: 2019):2018/A2, Cl.7.5 of IS 16994:2018; ISO 20868: 2001
479.	Leather & Footwear	Ageing test / Heat resistance	Cl. 4.1.7.3 Table 4, 4.1.7.4 of IS 3736 (A1: 1999 + A2: 2001 + A3: 2003):1995,SASO ISO 20870: 2018 /ISO 20870: 2017 Cl. 5.2.11, Table1 of IS 14544:1998, EN 12749:1999, SATRA TM361:2010, ISO 17228 : 2015,Cl. 5.1.4 of IS 13995:1995, Cl. 7.7, 7.10 of IS 16694:2018, Cl. 5.1.4.1 Table

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Leather & Leather Products		
			2 of IS 5557 PART 1:2004, Cl. 5.1.7.1 of IS 5557 PART 1:2004, Cl. 7.4.1 Table 3 of IS 5557 Part 2: 2018/A2, Cl. 5.2.5.2, 5.2.5.3 of IS 3976:2018/A2, Cl. 3.5 of IS 5677 (A1: 1993 + A2: 2021):1986, Cl. 5.2.11, table 1, Table 2 of IS 11226 (A1: 1994 + A2: 1998): 1993,DIN EN ISO 17228,BS EN ISO 17228,EN ISO 17228
480.	Leather & Footwear	Breaking strength	BS EN ISO 13934-1:2013/ Cl.7.2 (Annex B) of IS 5557 P 2: 2018/A2, Cl. 5.1.4.2, 5.1.7.2 of IS 5557 P1:2004, Cl.4.1 of IS 12254:1993/A2, IS 1963:2004, IS 1969-1: 2009 & I S1969-2: 2018, Cl. 3.2.4 of IS 11544:1986, Cl. 4.1.1,4.1.2,4.1.3,4.1.4 of IS 3736 (A1:1999 + A2: 2001 + A3: 2003):1 995, Cl. 4.1.1, table 1, 4.1.2, table 2 of IS 3735 :1996/A5, ASTM D2208:2016, SATRA TM29:17(2019), ISO 17706:2003/SASO ISO 17706:2003/ IS 7016(P-2): 2015

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Leather & Leather Products		
481.	Leather & Footwear - Upper/Lining/ Collar/Tongue material	Flexing resistance	SASO ISO 20345:2011/ SASO ISO 20346:2004/SASO ISO 20347:2012
482.	Leather & Footwear	Flexing resistance (SOLE)	SASO ISO 20344:2011, Cl. 4.14.8 of IS 17012:2018/A1/ IS 17037 (A1: 2021): 2018, ISO 17707:2005, SASO ISO 17707:2007, Cl. 7.7.3 of IS 16694:2018, Cl. 7.6.4 of IS 5557 Part 2: 2018/A2, Cl. 6.2 of IS 3976: 2018/A2, SATRA TM161:2004,
483.	Leather & Footwear - Upper/Lining/ Collar/Tongue material	Flexing resistance	SATRA TM 25:2020, SASO ISO 17694:2016, ISO 17694:2016, SATRA TM 55:1999, SASO ISO 5402-1:2011, ISO 5402-1:2022, SASO ISO 20347:2012/ SASO ISO 20345:2011/ Cl. 6.5 of SASO ISO 20344:2011, DIN EN ISO 17694, BS EN ISO 17694, EN ISO 17694
484.	Leather & Footwear - Upper/Lining/ Collar/Tongue material	Height -General	SASO ISO 20345:2011/SASO ISO 20346:2004/ SASO ISO 20347:2012, Cl. 5.1 of IS 5676: 1995/ IS 16645: 2018
485.	Leather & Footwear - Upper/Lining/ Collar/Tongue material	Hydrolysis of outsole/Ross flex	ISO 5423:1992 Annex C, SATRA TM 60: 2020,Cl. 4.1.6 of IS 3735:1996/A5, IS 3400 Part16:1974, Cl. 4.1.7.3 Table 4 of 3736

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Leather & Leather Products		
			(A1: 1999 + A2: 2001 + A3: 2003): 1995, Cl. 5.9 of IS 12254:1993/A2, IS 12240 Part 7 : 1988, Cl. 5.6 of ISO 4643:1992, Cl. 7.9 of IS 16694:2018, Cl. 5.6, 5.8.2 (Annex C) of IS 16645:2018, Cl. 6.5 of IS 3976 (A1: 2021): : 1998,Cl. 7.3.1 of IS 16994: 2018, SASO ISO 20344:2011/ SASO ISO 20345:2011/ SASO ISO 20346:2004/ SASO ISO 20347:2012,IS 5867
486.	Leather & Footwear - Upper/Lining/ Collar/Tongue material	Interlayer bond strength	SASO ISO 20345:2011/ SASO ISO 20346:2004/ SASO ISO 20347:2012/Cl. 4.5.3.2 of IS 17012:2018/A1, IS 17037 (A1: 2021):2018, Cl. 5.9 of IS 3976: 2018/A2, Cl. 7.6.5 of IS 5557 Part 2: 2018/A2, Cl. 7.7.4 of IS 16694: 2018
487.	Leather & Footwear - Upper/Lining/ Collar/Tongue material	Lastometer test	ISO 3379:2016/ IS 14970: 2001/SATRA TM24
488.	Leather & Footwear - Upper/Lining/ Collar/Tongue material	Martindale Abrasion resistance	SASO ISO 20344:2011, Cl. 5.5.2, 5.7.4.2 of SASO ISO 20345:2011/ SASO ISO 20346:2004/ SASO ISO 20347:2012, Cl.

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Leather & Leather Products		
			4.7.4, 4.10.2 of IS 17012:2018/A1, ASTM D3884, Cl. 4.7.4, 4.9.2 of IS 17037 (A1: 2021):2018, BS EN 13520:2002, ISO 17704:2004, SATRA TM31: Nov. 2021, Cl. 7.4, 7.5 of IS 16994:2018, Cl. 7.1.2, 7.7.2 of IS 5557 Part 2:2018/A2, Cl. 5.2.1.5, 5.2.2.1 of IS 3976 :2018/A2
489.	Leather & Footwear - Upper/Lining/ Collar/Tongue material	Materials	Cl. 4.2.1 of IS 12254:1993/A2, Cl. 8.4 to 8.16, 14.4 to 14.16 of IS 1989-1 (A1: 1988 + A2: 1995 + A3: 1998 + A4: 2003):1986/ IS 1989-2 (A1: 1988 + A2: 1999):1986, Cl. 7.8. 8.4 of IS 16694:2018, Cl. 5.1.6, 5.1.4.3 of IS 5557 P1:2004, Cl. 8.5, 7.2 of IS 16994:2018, Cl. 4.3 of IS 16645:2018, Cl. 5.1.1, 5.2.4, 5.2.7, 5.2.8.4, 5.2.9 of IS 3976: 2018/A2, Cl. 5.2.1 to 5.2.10 of IS 11226 (A1: 1994 + A2: 1998):1993, Cl. 5.2.1 to 5.2.10, 5.2.12 of IS 14544:1998, Cl. 4.1.4, 4.1.5 of IS 3735: 1996/A5, Cl. 5.2.10 of IS 3976 :2018/A2, Cl. 7.6 of IS 16694: 2018

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Leather & Leather Products		
490.	Leather & Footwear - Upper/Lining/ Collar/Tongue material	Resistance to hot contact	SASO ISO 20344:2011, SASO ISO 20345:2011/ SASO ISO 20347:2012/ Cl. 6.4.4 of SASO ISO 20346:2004, Cl. 4.14.9 of IS 17012:2018/A1/ IS 17037 (A1: 2021):2018, BS 5131-2.11:1983, SATRA TM 49:1995, Cl. 8.1 of IS 5557 Part 2 (A1: 2020): 2018, Cl. 6.4 of IS 3976 (A1: 2021): 2018
491.	Leather & Footwear - Upper/Lining/ Collar/Tongue material	Shape and Design /Channel	Cl. 4.1.7.1, 4.1.7.2, 4.2 of IS 3736 (A1: 1999 + A2: 2001 + A3: 2003): 1995, & Cl. 4.1.6.1, 4.2 of IS 3735: 1996/A5, Cl. 7, 13 of IS 1989-1 (A1: 1988 + A2: 1995 + A3: 1998 + A4: 2003) : 1986/ IS 1989-2 (A1: 1988 + A2: 1999): 1986, Cl. 5.1, 5.2 of IS 12254: 1993/A2,, Cl. 5.2.11 of IS 14544:1998, Cl. 5.2.11.1 of IS 11226 (A1: 1994 + A2: 1998):1993, Cl. 5.1, 5.2.5.1 of IS 3976: 2018/A2, Cl. 5 of IS 5557 Part 2: 2018/A2, Cl. 5.1.1 of IS 5557 PART 1:2004, Cl. 4, 4.1 of IS 16645:2018, Cl. 5.1.6 of IS 13995:1995, Cl. 5.1 of IS 13995:1995,

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Leather & Leather Products		
492.	Leather & Footwear - Upper/Lining/ Collar/Tongue material	Tear strength	Cl. 5.4.3, 5.5.1, 5.6.1 of SASO ISO 20345:2011/SASO ISO 20346:2004/SASO ISO 20347:2012/IS0 3377-1:2011/SASO IS0 3377-1:2011/IS0 3377-2:2016/SASO IS0 3377-2:2002/ASTM D2212:2015/SATRA TM30:2017/: 1970,SASO ISO 3377-2:2002, ASTM D2212-00 (2021), ISO 4674-1:2016 method B, Cl. 7.3.1, 7.4 of IS 16994: 2018, Cl. 7.1.1 of IS 5557 Part 2: 2018/A2, Cl. 5.2.1.2, 5.2.2 of IS 3976: 2018/A2, Cl. 5.2.1 of IS 11226 (A1: 1994 + A2: 1998):1993, Cl. 3.5 of IS 5677 (A1: 1993 + A2: 2021):1986, Cl. 5.2.1 of IS 14544:1998, IS 5914: 1970 (LP:7), IS 7016(Part 3) Method 2, BS EN ISO 17696:2018, SASO ISO 17696:2004, ISO 17696:2004, SATRA TM162:2017, SATRA TM 30: 2017/ Cl. 8.2 of SASO ISO 20344:2011/Cl. 5.8.2 of SASO ISO 20345:2011/SASO ISO 20346:2004/SASO ISO 20347:2012, SASO ISO 20872:2018/ISO 20872:2018 / Cl. 4.14.4 of IS 17012:2018/A1 / Cl. 4.14.6 of IS 17037

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Leather & Leather Products		
			(A1:2021) : 2018, SASO ISO 20344:2011, SASO ISO 20345:2011/SASO ISO 20346:2004/ SASO ISO 20347:2012/, ISO 17696:2004, SASO ISO 17696:2004, BS EN ISO 17696:2018, Method B of IS0 4674-1: 2016, SASO ISO 20345:2011/ SASO ISO 20346: 2004/ SASO ISO 20347:2012,Cl. 6.3 of IS 3976: 2018/A2,EN ISO 17696,DIN EN ISO 17696
493.	Leather & Footwear - Upper/Lining/ Collar/Tongue material	Tensile properties	SASO ISO 20344:2011 /SASO ISO 20345:2011/SASO ISO 20346:2004/SASO ISO 20347:2012, ISO 3376:2020; SASO ISO 3376:2011; Cl. 8.1, 14.1, 8.2, 14.2 of IS 1989-1 (A1: 1988 + A2: 1995 + A4: 2003):1986/IS 1989-2 (A1: 1988 + A2: 1999): 1986
494.	Leather & Footwear	Tensile strength & elongation of outsole	SASO ISO 22654: 2002/ Cl. 4.1.7.3 Table 4 of IS 3736 (A1: 1999 + A2: 2001 + A3: 2003): 1995, SATRA TM 137:1995, ISO 22654:2002, ASTM D412-16 (2021) Method A, IS 3400 Part1: 2021, Cl. 4.1.6, 4.1.6.2 of IS 3735: 1996/A5, ISO 37: 2017, Cl. 5.2.11,

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Leather & Leather Products		
			Table1, Table 2 of IS 14544:1998, Cl. 5.2.11, Table 1, Table 2 of IS 11226 (A1: 1994 + A2: 1998) :1993, Cl. 5.1.4.1 Table 2 of IS 5557 P1 :2004, Cl. 5.3, 5.8.1 of IS 16645:2018, Cl. 5.1.1, 5.1.2 of IS 13995:1995, Cl. 5.8 of IS 12254:1993, IS 12240 Part 6 : 1988,ASTM D 638: 2014/ ISO 527 (Part 1& 2): 2012,IS 3400 (Part 1)/ ISO 37 (Clause 7.6 of IS 15844 (Part 3): 2024) ISO 22654,ASTM D412/D2209/D2211/D3574,Cl 5.0 of IS 7888,IS 5867
495.	Leather & Footwear - Upper/Lining/ Collar/Tongue material	Thickness	Cl. 5.7.1 of BS EN ISO 20345:2022/ BS EN ISO 20346:2022 / BS EN ISO 20347:2022/Cl.7.1 of BS EN ISO 20344: 2021/Cl. 7.1 of ISO 20344:2021/ SASO ISO 20344:2011/ IS 15298-1:2015, Cl. 5.7.1 of ISO 20345:2021/ SASO ISO 20345:2011/ ISO 20346:2014/ SASO ISO 20346:2004/ ISO 20347:2021/SASO ISO 20347:2012/IS 15298-2 (A1 & A2: 2019): 2016/IS 15298-3:2018/IS 15298-4 (A1 & A2: 2019): 2017,

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	Leather & Leather Products		
			Cl. 4.9.1, 4.10 of IS 17012 : 2018, Cl. 4.9 of IS 17037 (A1:2021):2018, Cl. 7.5 of IS 16994: 2018,Cl. 3.5 of IS 5677 (A1: 1993 + A2: 2021): 1986/ Cl. 7.7.1 of IS 5557 Part 2: 2018/A2, IS 7702
496.		Thickness	SASO ISO 20344:2011/SASO ISO 20345:2011/ SASO ISO 20346:2004/ SASO ISO 20347:2012/, ISO 2589:2016, SASO ISO 2589:2002, SATRA TM1:2021, ASTM D1813:2013(2017), Cl. 5.2.1 of IS 14544: 1998,EN ISO 5084,Cl. 4.1.7.5 Table 6 of IS 3736 (A1: 1999 + A2: 2001 + A3: 2003) : 1995/ IS 17037: 2018/A2/IS 17012/A1,Cl. 4.6.1, 4.11.1, 4.12.1 of IS 17012:2018/A1, IS 17037 (A1: 2021): 2018/ Cl. 8.17, 14.17 of IS 1989-2(A1: 1988 + A2: 1999): 1986/ IS 1989-1 (A1: 1988 + A2: 1995 + A3: 1998 + A4: 2003) : 1986, Cl. 7.3.1 of IS 16994:2018, Cl. 7.5.2 of IS 5557 Part 2:2018/A2, Cl. 5.2.1 of IS 11226 (A1: 1994 + A2: 1998):1993, IS 5914 (LP:1): 1970

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Leather & Leather Products		
497.	Leather & Footwear	Thickness/Cleated area/Cleat height of outsole	SASO ISO 20344:2011/ SASO ISO 20345:2011/ SASO ISO 20346:2004/ SASO ISO 20347:2012/ Cl. 4.14.2 of IS 17012: 2018/A1, Cl. 5.3 table 3 of IS 14544:1998/ IS 11226 (A1: 1994 + A2: 1998):1993, Cl. 5.2.5.4 of IS 3976: 2018/A2, Cl. 7.6.1 of IS 5557 Part 2 :2018/A2, Cl. 5.1.3 Table 1, 5.1.7.7 of IS 5557-P1:2004, Cl. 4.2 of IS 16645: 2018, Cl. 7.7 of IS 16694:2018, Cl. 4.1 of IS 13995:1995, 12240 (Part I) : 1988,
498.	Leather & Footwear - Upper/Lining/ Collar/Tongue material	Water absorption/ desorption	SASO ISO 20344:2011/ Cl. 7.5 of IS 16994:2018, Cl. 4.8.3, 4.9.3 of IS 17037: 2018/A2, Cl. 4.9.3, 4.10.3 of IS 17012:2018/A1, SASO ISO 5404: 2011, BS EN ISO 5404:2011,
499.	Leather & Footwear - Upper/Lining/ Collar/Tongue material	Water penetration and water absorption	IS 17037:2018/A2/ IS 17012:2018/A1, SASO ISO 20344:2011, SASO ISO 20347:2012/ SASO ISO 20345:2011/SASO ISO 20346:2004, BS EN ISO 5403-1: 2011, BS ISO 5403-1, DIN EN ISO 5403-1
500.		Water vapour permeability, absorption and coefficient	ISO 14268:2012/ SASO ISO 17699: 2003/ Cl. 5.2.1.4 of IS 3976: 2018/A2, Cl. 7.3.1, 7.4 of

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Leather & Leather Products		
			IS 16994:2018, ISO 17699:2003, SATRA TM172:1993, SATRA TM178:2001, IS 17037: 2018/A2/ IS 17012:2018/A1, / SASO ISO 20344:2011, SASO ISO 20347:2012/ SASO ISO 20345:2011/SASO ISO 20346:2004, BS EN ISO 14268, DIN EN ISO 14268, EN ISO 14268,
501.		Width	Cl. 5.2.3 of IS 3976: 2018/A2, Cl. 7.2 of IS 5557 Part 2: 2018/A2, Cl. 4.1.3 of IS 3736 (A1: 1999 + A2: 2001 + A3: 2003):1995, Cl. 4.1.2 of IS 3735: 1996/A5, ISO 3932
502.		Ageing test / Heat resistance/Area Shrinkage	Cl. 4.14.7 of IS 17012:2018/A1, Cl. 4.14.5 of IS 17037 :2018/A2, IS 3400 Part 4: 2012, Cl. 4.1.6, 4.1.6.2 of IS 3735: 1996/A5, ISO 20870: 2017, IS 5867
503.	Leather & Footwear - Upper/Lining/ Collar/Tongue material	Room temperature Shrinkage and Heat shrinkage	Cl. 5.2.2 of IS 11226 (A1:1994 + A2: 1998) :1993, Cl. 4.6 (table 1) of IS 5867 (A1: 1993): 1970, Cl. 5.2.2 of IS 14544:1998, SATRA TM70-2001, ISO 20873: 2018
504.		Split tear strength	Cl. 5.7 of IS 16645:2018 SATRA TM65-2021, ISO 20875: 2018

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Leather & Leather Products		
505.	Leather & Footwear-Toe puff and counter stiffener	Material and thickness	Cl. 4.8 of IS 17012:2018/A1, Cl. 4.10 of IS 17037 :2018/A2.
506.	Upper/Lining/ Collar/Tongue material	Flexing endurance	IS 5914 (LP:19): 1970, Cl. 5.2.1 of IS 14544:1998, Cl.4.6 Appendix C of IS 5867 (A1: 1993):1970, Cl.3.5 of IS 5677 (A1:1993+A2:2021):1986, Cl.5.2.1, 5.2.2 of IS 11226 (A1: 1994+A2: 1998): 1993, Cl.5.2.1.3 of IS 3976: 2018/A2, Cl. 7.5.3 of IS 5557 Part 2: 2018/A2, Cl. 5.1.7.3 of IS 5557 part 1:2004, Cl. 5.2, 5.8.3 (Annex B) of IS 16645:2018, Cl.7.3.1 of IS 16994:2018, Cl. 5.1.5 of IS 13995:1995, IS 12240 Part 8: 1988, Cl. 5.10 of IS 12245: 1993
507.	Whole footwear	Dimensional conformity/Construction of inserts	SASO ISO 20344:2011/, Cl. 4.5.5.1, 4.5.5 of IS 17037 (A1: 2021) :2018/A1, SASO ISO 20347:2012/ SASO ISO 20346:2004/ SASO ISO 20345:2011
508.		Electrically insulating Test	SASO ISO 20345:2011/ SASO ISO 20346:2004/ SASO ISO 20347:2012/Cl. 8.7.3 of IS 5557 Part 2 :2018/A2, Cl. 7.2 of IS 3976:2018/A2, BS EN 50321-1: 2018

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Leather & Leather Products		
509.		Energy absorption of seat region	SASO ISO 20344:2011/Cl. 4.5.10 of IS 17037:2018/A2, Cl. 5.13 of IS 3976: 2018/A2, SASO ISO 20345:2011/ SASO ISO 20346:2004/ SASO ISO 20347:2012/ IS 15298-2 (A1 & A2: 2019: 2017
510.		Flex resistance of penetration-resistant inserts	SASO ISO 20344:2011/Cl. 4.5.5.2 of IS 17037: 2018/A2, SASO ISO 20347:2012/ SASO ISO 20346:2004/ SASO ISO 20345:2011
511.		Ankle protection	SASO ISO 20344:2011/ SASO ISO 20345:2011/ SASO ISO 20346:2004/SASO ISO 20347:2012.
512.		Cold Flex Temperature of upper	Cl. 5.13 Annex C of IS 12254:1993/A2, Cl. 5.5 of IS 16645: 2018, SATRA TM 25
513.	Whole footwear	Construction	SASO ISO 20345:2011/ SASO ISO 20347:2012, Cl. 5.3.1.1, 6.3.2 of SASO ISO 20346:2004/, Cl. 4.5.1 of IS 17012:2018/A1/ IS 17037: 2018/A2/ Cl. 4.3 of IS 3735: 1996/A5, Cl. 4.4 of IS 3736 (A1: 1999+A2: 2001+A3: 2003) :1995/ Cl. 8 of IS 5557 Part 2 (A1:2020) :2018/A2/ Cl/ 5.3 of

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Leather & Leather Products		
			IS 3976 (A1: 2021):2018/A2/ Cl. 5.4 of IS 14544: 1998
514.		Cut resistance	SASO ISO 20344:2011/SASO ISO 20347:2012/ Cl. 6.3.3 of SASO ISO 20346:2004, SASO ISO 20345:2011
515.		Determination of penetration/ perforation force of inserts	IS 17037: 2018/A2, SASO ISO 20344:2011, SASO ISO 20345:2011/SASO ISO 20346:2004/SASO ISO 20347:2012.
516.		Electrical resistance: Antistatic footwear/conductive footwear	SASO ISO 20344:2011/ Cl. 8.7.1, 8.7.2 of IS 5557 Part 2 (A1: 2020) :2018/A2, Cl. 4.5.7.1 of IS 17037 (A1: 2021):2018/A2/ SASO ISO 20345:2011/ SASO ISO 20346: 2004/ SASO ISO 20347:2012, Cl. 4.5.5 of IS 17012: 2018/A1
517.		General/ Finishing/Width of flange	SASO ISO 20345:2011/ SASO ISO 20346:2004, Cl. 4.5.6.1 of IS 17037: 2018/A2, Cl. 4.1, 4.2, 4.3.2 of BS EN ISO 22568-1:2019/ BS EN ISO 22568-2:2019, Cl. 4.1 of BS EN ISO 22568-3:2019/ BS EN ISO 22568-4: 2021
518.	Whole footwear	Impact resistance Metatarsal protection	SASO ISO 20344:2011/ SASO ISO 20346:2004/ SASO ISO 20345: 2011.

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Leather & Leather Products		
519.		Internal length/ Dimensions of toecaps	SASO ISO 20344:2011/ SASO ISO 20345:2011/ SASO ISO 20346:2004, Cl. 4.5.6.2 of IS 17037: 2018/A2, Cl. 8.2 of IS 16694:2018, Cl. 5.12 of IS 3976: 2018/A2, Cl. 4.3.1 of BS EN ISO 22568-1:2019/ BS EN ISO 22568-2: 2019
520.		Leak proofness	SASO ISO 20345:2011/SASO ISO 20346:2004/SASO ISO 20347:2012/Cl.5.12 of IS 12254:1993/A2, Cl. 8.6 of IS 16994:2018, Cl. 5.1.7.4 of IS 5557 P1:2004, Cl.8.2 of IS 5557 P-2: 2018/A2
521.		Slip resistance	ASTM F 2913-19/Cl. 5.3.5.2, 5.3.5.3, 5.3.5.4 of SASO ISO 20345:2011/ Cl. 5.3.4.2, 5.3.4.3, 5.3.4.4 of SASO ISO 20347:2012/SASO ISO 20346, ISO 13287:2019/SASO ISO 13287:2012/SATRA TM144:2021/Cl. 4.5.4 of S 17012:2018/A1/ IS 17037(A1:2021):2018/A2. IS 10702:2023/A2
522.	Whole footwear	Specific ergonomic features	IS 17037: 2018/A2/ IS 17012:2018/A1/ SASO ISO 20347:2012/ SASO ISO

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Leather & Leather Products		
			20344:2011/ SASO ISO 20345:2011 /SASO ISO 20346:2004.
523.		Upper/outsole bond strength / Adhesion/Consolidation Test	Cl. 5.8, Cl. 5.10 of IS 3976 (A1: 2021): 2018/A2, Cl. 4.7, 4.8 of IS 3736 (A1: 1999 + A2: 2001 + A3: 2003): 1995, Cl. 4.4, 4.5 of IS 3735:1996/A5, Cl. 8.4 of IS 5557 Part 2: 2018/A2, SASO ISO 20344:2011/ SASO ISO 20345:2011/ SASO ISO 20346:2004/ SASO ISO 20347:2012/, Cl. 4.5.3.1 of IS 17012:2018/A1/ IS 17037:2018/A2, Cl. 5.1.7.5 of IS 5557 P 1:2004, Cl. 7.7.5 of IS 16694:2018, SASO ISO 17708:2003, SATRA TM281:2002, ISO 17708:2018, BS 5131-5.4:1978, SATRA TM 411.
524.		Water resistance for whole footwear	SASO ISO 20344:2011/ Cl. 4.5.11 of IS 17037: 2018/A2, / SASO ISO 20347:2012/ SASO ISO 20346:2004/ SASO ISO 20345:2011.
525.	Leather & Footwear - Upper/Lining/ Collar/Tongue material	Hydrolysis of outsole/Ross flex	Cl. no. of 5.2.11, table 1, Table 2 of IS 11226 (A1: 1994 +A2: 1998): 1993; Cl. no. 5.2.2, 5.2.1, table 1 of IS 14544:1998; Cl. no. 4.6 (table 1) of IS 5867 (A1:1993) :1970.

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Leather & Leather Products		
526.	Leather & Footwear	Hydrolysis	Cl. 5.8 (Annex E) of IS 16645:2018, Annex E of ISO 5423:1992/ISO 4643:1992, SATRA TM344:1995.
527.		Resistance to cracking	Cl. 8.3, 14.3 of IS 1989-1: 1986/A4/ IS 1989-2 (A1: 1988 + A2: 1999): 1986, IS 579:2017, IS 5914 (A1: 1983): 1970 LP:13, Cl. 4.6 (table1) of IS 5867 (A1: 1993): 1970, Cl. 5.2.2 of IS 14544: 1998
528.	Leather & Footwear - Upper/Lining/ Collar/Tongue material	Tensile properties	Cl. 7.3.1 of IS 16994:2018 ; Cl. 7.5.1 of IS 5557 Part 2 :2018/A2; Cl. 5.2.1, 5.2.2 of IS 11226 (A1: 1994 +A2: 1998) :1993/IS 14544:1998 ; Cl. 3.5 of IS 5677 (A1: 1993+ A2: 2021) :1986; Cl. 4.6 (table 1) of IS 5867(A1:1993) :1970 ; IS 5914 (A1: 1983) :1970 LP:6; IS 578 (A1: 1992 +A2: 1998) :1985; IS 3840 (A1: 2021) :2011; SATRA TM43,IS 5914 (Part 8):2023/ISO 3376 (Cl. 7.2 of IS:15844 (Part 2) :2023)/A1:2024/ IS 3400 (Part 1)/ISO 37 : 2017 (Cl. 7.6 of IS:15844 (Part 2) :2023)/A1:2024, IS 3400 (Part 1),CL.5.7, IS 5676 : 1995/A1:2023,

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Leather & Leather Products		
			CL.4.3.1,IS 13893:1994/A2:2024, IS 3400 : Part 1 : 2021 (ISO 37 : 2017) ,ASTM D412, DIN 53504
529.	Leather & Footwear - Upper/Lining/ Collar/Tongue material	Calculation of Color Difference	BS EN ISO 105 J03, EN ISO 105 J03, ISO 105 J03
530.		Extension Set	BS EN ISO 17236, DIN EN ISO 17236, ISO 17236
531.		Determination of tuft withdrawal force	BS ISO 4919, ISO 4919
532.		Flammability	Cl.4.2 of ASTM F963: 2023, ASTM F963-2023-Annex A5 and A6,16 CFR 1610,16CFR 1500.3(c)6(vi),16CFR 1500.44, IS 11871 method A
533.	Gloves, (Disposable surgical, latex single use, medical gloves for single use, reusable vinyl/rubber	Accelerating Ageing Test	IS 13422, IS 15354 (Part 1), ISO 188, IS 3400- Part 4, IS 4148- Clause 7.4, ASTM D 3577, ASTM D 573,
534.		Airtight Test	IS 13422
535.		Dimension and thickness	IS 13422

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Leather & Leather Products		
536.	gloves. Rubber surgical gloves.	Tensile Strength and Elongation at Break	IS 13422, ISO 37, IS 15354- Part 1, IS 3400- Part 1, IS 4148- Clause: 7.3, ASTM D 3577, ASTM D 412
537.		Dimensions	IS 15354- Part 1: 2018, BS EN 455-2:2024, ASTM D 3767:2020, ASTM D 3577:2023
538.		Water tightness	IS 15354- Part 1: 2018, ASTM D 3577:2023, ASTM D 5151:2019
539.		Freedom from hole	BS EN 455-1:2024
540.		Tensile properties before and after accelerated ageing	BS EN 455-2:2024
541.		Tension test	IS 4148:1989
542.		Thickness	IS 4148:1989

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Mechanical Testing			
Sl.No	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Textile Materials		
1.	Polyester Continuous Filament Fully Drawn Yarns	Linear Density	IS 17261:2022 Amd-1 to 6:2024, Clause-6.1,6.2,8.3Table-3, IS 7703(P-1) :1990
2.		Un-evenness	IS 17261:2022 Amd-1 to 6:2024, Clause-6.1,6.2,8.3Table-3, IS 7703(P-5) :1987
3.		Tenacity	IS 17261:2022 Amd-1 to 6:2024, Clause-6.1,6.2,8.3Table-3, IS 7703(P-2, Dry method) :1990
4.		Elongation	IS 17261:2022 Amd-1 to 6:2024, Clause-6.1,6.2,8.3Table-3, IS 7703 (P-2, Dry method):1990
5.		Ultraviolet resistance, 500 h Percent retained strength	IS 17261:2022 Amd-1 to 6:2024, Clause-6.1,6.2.1(Table-4)-vi, IS 13162 (P- 2):1991
6.		Freedom from Yarn Defects	IS 17261:2022 Amd-1 to 6:2024, Clause-6.3, Visual
7.		Commercial Mass	IS 17261:2022 Amd-1 to 6:2024, Clause-6.6, IS 7703(P-3):1991
8.		Interlace in nips per meter	IS 17261:2022 Amd-1 to 6:2024, Clause-6.1,6.2,8.3(Table-3) note-2, Annex B of IS 17262
9.		Boiling Water shrinkage	IS 17261:2022 Amd-1 to 6:2024, Clause-6.1,6.2.1 (Table-4)-viii, Annex E

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Mechanical Testing			
Sl.No	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Textile Materials		
10.	Polyester Continuous Filament Fully Drawn Yarns	Colour difference with reference to standard yarn, measured as ΔE	IS 17261:2022 Amd-1 to 6:2024, Clause-6.1,6.2.1 (Table-4)-ix, Annex E
11.		Colour strength with reference to standard yarn, percent	IS 17261:2022 Amd-1 to 6:2024, Clause-6.1,6.2.1 (Table-4)-ix, Annex E
12.		Identification and Description-Microscopic test	IS 17261:2022, IS 667, ISO 17131, IS 4229
13.		Melting Point	IS 17261:2022, IS 16481
14.		No. of filaments	IS 17261:2022, Visual inspection under microscope
15.		Moisture regains	IS 7867: 2024, IS 17261
16.		Interlace in nips per meter	IS 17261:2022 Amd-1 to 6:2024, Clause-6.1,6.2,8.3(Table-3) note-2, Annex B of IS 17262
17.	Polyester partially oriented yarn (POY)	Nominal linear density	IS 17262:2022 Amd-1 to 5:2024, Clause-6.1&8.2) (Table-3)-i, IS 7703(P-1): 1990
18.		Tenacity	IS 17262:2022 Amd-1 to 5:2024, Clause-6.1&8.2) (Table-3)-IV, IS 7703(P-2-DRY METHOD):1990

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Mechanical Testing			
Sl.No	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Textile Materials		
19.	Polyester partially oriented yarn (POY)	Elongation	IS 17262:2022 Amd-1 to 5:2024, Clause-6.1&8.2) (Table-3)-V, IS 7703(P-2-DRY METHOD):1990
20.		Interlace as nips per metre	IS 17262:2022 Amd-1 to 5:2024, Clause-6.1&8.2) (Table-3)-vi, Annex-B
21.		Unevenness of linear density	IS 17262:2022 Amd-1 to 5:2024, Clause-6.1&8.2) (Table-3)-vii, IS 7703(P-5):1987
22.		Ultraviolet resistance, 500 h Percent retained strength	IS 17262:2022 Amd-1 to 5:2024, Clause-6.2) (Table-4)-vi, Annex H
23.		Freedom from Yarn Defects	IS 17262:2022 Amd-1 to 5:2024, Clause-6.3)
24.		Commercial Mass	IS 17262:2022 Amd-1 to 5:2024, Clause-6.6; IS 7703 (Part 3):1991
25.		Colour strength with reference to standard yarn	IS 17262:2022 Amd1 to 5:2024, Clause-6.2) (Table-4)-viii, Annex F
26.		Colour strength with reference to standard yarn ΔE	IS 17262:2022 Amd1 to 5:2024, Clause-6.2) (Table-4)-ix, Annex F
27.		Identification and Description-Microscopic test	IS 17262: 2022, IS 667

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Mechanical Testing			
Sl.No	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Textile Materials		
28.	Polyester partially oriented yarn (POY)	Melting Point	IS 17262: 2022, IS 16481
29.		No. of filaments	IS 17262: 2022, Visual inspection under microscope
30.		Moisture regains	IS 17262: 2022
31.	Polyester Staples fibres	Freedom from Major Defects	IS 17263:2022 Amd-1 to 7:2024, Clause-6.2 visual
32.		Linear density	IS 17263:2022 Amd-1 to 7:2024, Clause-6.1,6.1.1,8.2 (Table-3)-i, IS 234:2013
33.		Cut length	IS 17263:2022 Amd-1 to 7:2024, Clause-6.1,6.1.1,8.2 (Table-3)-ii, IS 10014(P-1):1984 Amd-1:1993
34.		Elongation at break	IS 17263:2022 Amd-1 to 7:2024, Clause-6.1,6.1.1,8.2(Table-3)-iii, IS 235:2023
35.		Tenacity	IS 17263:2022 Amd-1 to 7:2024, Clause-6.1,6.1.1,8.2 (Table-3)-iv, IS 235 2023
36.		Crimp removal	IS 17263:2022 Amd-1 to 7:2024, Clause-6.1,6.1.1,8.2 (Table-3)-vi, Annex C, SO 7211-3
37.		Ultraviolet resistance, 500 h Percent retained strength (AMD4)	IS 17263:2022 Amd-1 to 7:2024, Clause-6.1,6.3 (Table-4)-iv, IS 16481:2022 Amd-1:2022 Annex F

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Mechanical Testing			
Sl.No	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Textile Materials		
38.	Polyester Staples fibres	Ageing	IS 17263:2022 Amd-1 to 7:2024, Clause-6.1,6.3 (Table-4)-xiii, IS 7016(P-8):2023
39.		Commercial Mass	IS 17263:2022 Amd-1 to 7:2024, Clause-6.5; IS 7703(P 3):1991
40.		Freedom from Yarn Defects	IS 17264:2022 Amd-1 to 3:2023, Clause-6.3 Visual
41.		Sinking time	IS 17263:2022 Amd 1 to 7:2024, Clause-6.1,6.1.1,8.2(Table-3)-vii, Annex D
42.		Colour strength with reference to standard shade, percent	IS 17263:2022 Amd 1 to 7:2024, Clause-6.1,6.3 (Table-4)-viii, Annex H
43.		Colour difference with reference to standard shade, measured as ΔE1	IS 17263:2022 Amd 1 to 7:2024, Clause-6.1,6.3 (Table-4)-ix, Annex H
44.		L Colour value	IS 17263:2022 Amd 1 to 7:2024, Clause-6.1,6.3 (Table-4)-x, Annex J
45.		Whiteness index	IS 17263:2022 Amd 1 to 7:2024, Clause- 6.1,6.3 (Table-4)-xi, Annex J
46.		Dry heat (hot air) Shrinkage of single polyester staple fibre	IS 17263:2022 Amd 1 to 7:2024, Clause-6.1,6.3 (Table-4)-xiv, Annex K, IS 12170

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Sl.No	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Textile Materials		
47.	Polyester Staples fibres	Whiteness index	IS 18739:2024, clause-3.10, IS 17263:2022-ANNEX-J, IS 7056:2024, clause-3.2.2 IS 17263:2022 Annex-J
48.		Identification and Description- Microscopic test	IS 17263: 2022, IS 667
49.		Melting Point	IS 17263: 2022, IS 16481
50.		Moisture regains	IS 17263: 2022
51.	Polyester industrial yarns	Freedom from Yarn Defects	IS 17264:2022 Amd-1 to 3:2023, Clause-6.3 Visual
52.		Linear Density	IS 17264:2022 Amd-1 to 3:2023, Clause-6.1,8.2 Table-3, IS 7703(P-1):1990
53.		Tenacity	IS 17264:2022 Amd-1 to 3:2023, Clause-6.1,8.2 Table-3, IS 7703(P-2):1990
54.		Elongation	IS 17264:2022 Amd-1 to 3:2023, Clause-6.1,8.2 Table-3, IS 7703(P-2):1990
55.		Ultraviolet resistance, 500 hr. % retained strength	IS 17264:2022 Amd-1 to 3:2023, Clause-6.2 (Table-4)-vi, IS 13162(P-2):1991
56.		Commercial Mass (AMD2)	IS 17264:2022 Amd-1 to 3:2023, Clause-6.5; IS 7703(P-3):1991
57.		Hot Air Shrinkage	IS 17264:2022 Amd 1 to 3:2023, Clause-6.1,8.2 Table-3, Annex-F

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Sl.No	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Textile Materials		
58.	Polyester industrial yarns	Colour strength with reference to standard yarn	IS 17264:2022 Amd 1 to 3:2023, Clause-6.2 (Table-4)-vii, Annex-E
59.		Colour difference with reference to standard yarn measured as ΔE	IS 17264:2022 Amd 1 to 3:2023, Clause-6.2 (Table-4)-viii, Annex-E
60.		Identification and Description- Microscopic test	IS 17264: 2022, IS 667
61.		Melting Point	IS 17264: 2022, IS 16481
62.		Moisture regains	IS 17264: 2022
63.	100% Polyester spun grey & white yarns	Linear density	IS 17265:2023 Amd-1 to A2 :2024, Clause-6.1,6.2,8.2 (Table-3)-i, IS 1315:1977 Amd-1:2000
64.	Textile and textile products	Twist per metre	IS 17265:2023 Amd-1to A2 :2024, Clause-6.1,6.2,8.2 (Table-3)-ii, IS 832(P 1:2021&2:2011), IS 832: PART 1: 2021 (ISO 2061:2015), IS 832: PART 2: 2011 (ISO 17202: 2002), (ISO 1139, ISO 7211-4, ISO 17202:2002
65.	100% Polyester spun grey & white yarns	Tenacity (breaking strength of yarn by the skein method)	IS 17265:2023 Amd-1to A2 :2024, Clause-6.1,6.2,8.2 (Table-3)-iii, IS 1670:1991, ISO 6939

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Mechanical Testing			
Sl.No	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Textile Materials		
66.		Elongation	IS 17265:2023 Amd-1to A2 :2024, Clause-6.1,6.2,8.2 (Table-3)-iv, IS 1670:1991
67.	100% Polyester spun grey & white yarns	Count strength product (CSP)	IS 17265:2023 Amd-1to A2 :2024, Clause-6.1,6.2,8.2 (Table-3)-vi, Annex B
68.		Yarn hairiness index,	IS 17265:2023 Amd-1to A2 :2024, Clause-6.1,6.2,8.2 (Table-3)-vi, Annex B
69.		Ultraviolet resistance, 500 hr. % retained strength	IS 17265:2023 Amd-1 to A2:2024, Clause-6.1,6.2 (Table-4)-v, IS 13162(P-2):1991
70.		Unevenness	IS 17265:2023 Amd-1 to A2:2024, Clause-6.4 IS 16576:2022
71.		Commercial Mass	IS 17265:2023 Amd-1 to A2:2024, Clause-6.6 IS 7703(P-3):1991
72.		Whiteness index	IS 17265:2023 Amd 1to A2:2024, Clause-6.1,6.2,8.2 (Table-3)-vii, IS 17263:2022 Annex J
73.		Wettability of woven or knitted fabrics	IS 17265:2023 Amd 1:2024, Clause-6.1,6.2 (Table-4)-vii, IS 2349:2022
74.		Wicking	IS 17265:2023 Amd 1to A2:2024, Clause-6.1,6.2 (Table-4)-viii, Annex E, AATCC 197
75.		Identification and Description-Microscopic test	IS 17265: 2023, IS 667
76.		Melting Point	IS 17265: 2023, IS 16481

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Sl.No	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Textile Materials		
77.	100% Polyester spun grey & white yarns	Moisture regains	IS 17265: 2023
78.	Viscose staple fibres	Abnormal Fiber and Other Matters	IS 17266:2019 Amd. 1 to 3:2023, Clause-3.2
79.		Freedom from Defects	IS 17266:2019 Amd. 1 to 3:2023, Clause-4.3
80.		Commercial Mass	IS 17266:2019 Amd. 1to 3:2023, Clause-4.5; IS/ISO 6741(P-1,2 & 3:1989)
81.		Linear density	IS 17266:2019 Amd. 1to 3:2023, Clause-4.2 (Table-1)-i, IS 234:2013, ISO 2060
82.		Tenacity	IS 17266:2019 Amd. 1to 3:2023, Clause-4.2 (Table-1)-ii, IS 235:2023
83.		Length	IS 17266:2019 Amd. 1 to 3:2023, Clause-4.2 (Table-1)-iv, IS 4807:1968 Amd. 2:1993, ISO 3993
84.		Spinning faults	IS 17266:2019 Amd. 1 to 3:2023, Clause-4.2 (Table-1)-v, Visual
85.		Shirley faults	IS 17266:2019 Amd. 1 to 3:2023, Clause-4.2 (Table-1)-vi, IS 4871:1968

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Sl.No	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Textile Materials		
86.		Whiteness	IS 17266:2019 Amd 1 to 3:2023, Clause-4.2 (Table-1)-iii, IS 1060(P-4/SEC 4):2014
87.		Identification and Description- Microscopic test	IS 17266: 2019, IS 667
88.	Viscose Rayon Cut Staple (Spun) Yarn	General Requirements	IS 3566:2023 Amd 1:2024, Clause-4, Annex B
89.		Count	IS 3566:2023 Amd 1:2024, Clause - 5.1(Table-1)-i, IS 1315:1997 Amd-1:2000, IS 3442
90.		Count CV	IS 3566:2023 Amd 1:2024, Clause-5.1(Table-1)-ii, IS 1315:1997 Amd-1:2000
91.		CSP	IS 3566:2023 Amd 1:2024, Clause-5.1 (Table-1)-iii, IS 1671:1977
92.		Lea breaking load CV	IS 3566:2023 Amd 1:2024, Clause-5.1 (Table-1)-iv, IS 1671:1977, ISO 6939:1988
93.		Yarn tenacity	IS 3566:2023 Amd 1:2024, Clause-5.1 (Table-1)-v, IS 1670:1991
94.		Yarn tenacity CV	IS 3566:2023 Amd 1:2024, Clause-5.1 (Table-1)-vi, IS 1670:1991
95.		Breaking elongation	IS 3566:2023 Amd 1:2024, Clause-5.1 (Table-1)-vii, IS 1670:1991

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Mechanical Testing			
Sl.No	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Textile Materials		
96.		Unevenness, percent	IS 3566:2023 Amd 1:2024, Clause-5.1 (Table-1)-viii, IS 16576:2022
97.		Unevenness CV	IS 3566:2023 Amd 1:2024, Clause-5.1 (Table-1)-ix, IS 16576:2022
98.		Hairiness index	IS 3566:2023 Amd 1:2024, Clause-5.1 (Table-1)-x, Annex C
99.	Viscose Rayon Cut Staple (Spun) Yarn	Imperfections	IS 3566:2023 Amd 1:2024, Clause-5.1 (Table-1)-xi, IS 16576:2022
100.		Count	IS 3566 Amd 1:2024, Clause -5.2(Table-2)-i, IS 1315:1977 Amd-1:2000
101.		Twist per meter	IS 3566:2023 Amd 1:2024, Clause-5.2(Table-2)-ii, IS 1315:1977 Amd-1:2000
102.		CSP	IS 3566:2023 Amd 1:2024, Clause-5.2 (Table-2)-iv, IS 1671:1977
103.		Lea breaking load CV %	IS 3566 Amd 1:2024, Clause-5.2, Table-2-v IS 1671:1977
104.		Yarn tenacity	IS 3566 Amd 1:2024, Clause-5.2, (Table-2)-vi; IS 1670:1991
105.		Yarn tenacity CV%	IS 3566:2023 Amd 1:2024, Clause-5.2 (Table-2)-vii, IS 1670:1991
106.		Breaking Elonga□on	IS 3566:2023 Amd 1:2024, Clause-5.2 (Table-2)-viii, IS 1670:1991

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Sl.No	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Textile Materials		
107.		Unevenness	IS 3566:2023 Amd 1:2024, Clause-5.2 (Table-2)-ix, IS 16576:2022
108.		Unevenness CV	IS 3566:2023 Amd 1:2024, Clause-5.2 (Table-2)-x, IS 16576:2022
109.		Hairiness index	IS 3566:2023 Amd 1:2024, Clause-5.2 (Table-2)-xi, Annex C
110.	Viscose Rayon Cut Staple (Spun) Yarn	Imperfections	IS 3566:2023 Amd 1:2024, Clause-5.2 (Table-2)-xii, IS 16576:2022
111.		Common defects of yarn on cones & hanks	IS 3566:2023 Amd 1:2024, Annex B
112.	Fencing Nets Made from Mono Filament Yarns and Combination of Tape and Mono Filament Yarns	Monofilament density)	Clause 4.1 of IS 17358 Part 2:2020
113.		Heat Shrinkage of the Monofilament Yarn	Clause 4.1.1 of IS 17358 Part 2:2020
114.		Width of the tape used in fabric)	Clause 4.2 of IS 17358 Part 2:2020
115.		Width of the Fabric)	Clause 5.1 of IS 17358 Part 2:2020, ISO 3932
116.		(Eyelet to Eyelet Edge Distance)	Clause 5.2.1 of IS 17358 Part 2:2020
117.		Mass of the fencing nets	Clause 6 of IS 17358 Part 2:2020

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Mechanical Testing			
Sl.No	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Textile Materials		
118.	Textile and textile products	Dimensions and mass	Clause 7.1 of IS 17358 Part 2:2020, IS 1954, IS 1964, ISO 3018, ISO 1923
119.	Fencing Nets Made from Mono Filament Yarns and Combination of Tape and Mono Filament Yarns	Average breaking strength of wind shields net fabric	Clause 7.2 of IS 17358 Part 2: 2020, IS 1969 (Part 1)
120.		Retention of breaking strength after UV exposure	Clause 7.2 of IS 17358 Part 2:2020, IS 1969 (Part 1)
121.	Fencing Nets Made from Mono Filament Yarns and Combination of Tape and Mono Filament Yarns	Bursting pressure	Clause 7.2 of IS 17358 Part 2:2020, IS 1966 (Part 1) IS 1966 (Part 2)
122.		Material	Clause 4 of IS 17358 Part 2:2020
123.		Manufacture (fabric and Eyelet)	Clause 5 of IS 17358 Part 2:2020
124.		Types	Clause 6 of IS 17358 Part 2:2020
125.	Fencing nets made from extruded polymer mesh	Materials	Clause 4 of IS 17358 Part 1:2020
126.		Manufacture	Clause 5 of IS 17358 Part 1:202
127.		Types	Clause 6 of IS 17358 Part 1:2020 Cl 4 of IS 2573:2023
128.		Packing and marking	Clause 8 of IS 17358 Part 1:2020
129.		Dimensions and mass	Clause 4,7 of IS 17358 Part 1:2020

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Mechanical Testing			
Sl.No	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Textile Materials		
130.		Mesh size, Thickness at joint Dimensions (length and width) Thickness at joint Filament thickness	Annex B, Clause 4, 7 of IS 17358 Part 1:2020, ISO 5084:1996, ISO 9073-2, ISO 16663-2
131.		Tensile strength before UV exposure,	Annex C, Clause 4,.7 of IS 17358 Part 1:2020
132.	Fencing nets made from extruded polymer mesh	Tensile strength after UV exposure	Annex D, Clause 4, 7 of IS 17358 Part 1:2020
133.	Textile Fabric & garment, Textile Products & Accessories	Wicking Testing	AATCC 197:2022
134.	High density polyethylene (HDPE)/polypropylene (PP) woven sacks for packaging of 50 kg cement	MANUFACTURE	Cl 4 of IS 11652:2017/RA 2022--A1 to A2:2024
135.		Raw Material	Cl 4.1 of IS 11652:2017/RA 2022--A1 to A2:2024
136.		Fabric, width of tape,	Cl 4.2 of IS 11652:2017/RA 2022--A1 to A2:2024
137.		Length of loom	Cl 4.3 of IS 11652:2017/RA 2022--A1 to A2:2024
138.		Seam	Cl 4.4 of IS 11652:2017/RA 2022--A1 to A2:2024

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Mechanical Testing			
Sl.No	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Textile Materials		
139.		Lamination	Cl 4.5of IS 11652:2017/RA 2022--A1 to A2:2024
140.		Capacity	Cl 4.6 of IS 11652:2017/RA 2022--A1 to A2:2024
141.		Valve for Filling of Sacks	Cl 4.7 of IS 11652:2017/RA 2022--A1 to A2:2024
142.		Mass of Bale	Cl 5.1 of IS 11652:2017/RA 2022--A1 to A2:2024
143.		Dimensions	Table 1, Cl 4 of IS 11652:2017/RA 2022--A1 to A2:2024
144.		Ends per dm and Picks per dm	Table 1, Cl 4 of IS 11652:2017/RA 2022--A1 to A2:2024
145.		Mass of sack,	Table 1, Cl 4 of IS 11652:2017/RA 2022--A1 to A2:2024, IS 1964
146.	High density polyethylene (HDPE)/polypropylene (PP) woven sacks for packaging of 50 kg cement	Average breaking strength	Cl 5.3 of IS 11652:2017/RA 2022--A1 to A2:2024
147.		Breaking strength of top and bottom seam	Cl 5.3 of IS 11652:2017/RA 2022--A1 to A2: 2024, IS 9030
148.		Elongation at break	Cl 5.3 of IS 11652:2017/RA 2022--A1 to A2:2024
149.		Drop impact strength	Cl 5.4 of IS 11652:2017/RA 2022--A1 to A2:2024

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Mechanical Testing			
Sl.No	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Textile Materials		
150.		UV Resistance	Cl 5.6 of IS 11652:2017/RA 2022--A1 to A2:2024
151.	High density polyethylene (HDPE)/ polypropylene (PP) woven sacks for filling sand	Manufacture	Cl 3 of IS 14252:2015/RA 2020--A1 to A3:2021
152.		Raw Material	Cl 3.1 of IS 14252:2015/RA 2020--A1 to A3:2021
153.		Tape width	Cl 3.2 of IS 14252:2015/RA 2020--A1 to A3:2021
154.		Linear density	Cl 3.2 of IS 14252:2015/RA 2020--A1 to A3:2021
155.		Tying Cord dia.	Cl 3.3 of IS 14252:2015/RA 2020--A1 to A3:2021
156.		Length of loom	Cl 3.4 of IS 14252:2015/RA 2020--A1 to A3:2021
157.		Seams	Cl 3.4.1,3.4.2 of IS 14252:2015/RA 2020--A1 to A3:2021
158.		Mass of Bale	Cl 4.2 of IS 14252:2015/RA 2020--A1 to A3:2021
159.		Dimensions	Cl 4.1 of IS 14252:2015/RA 2020--A1 to A3:2021
160.		Ends per dm and Picks per dm	Cl 4.1 of IS 14252:2015/RA 2020--A1 to A3:2021

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Mechanical Testing			
Sl.No	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Textile Materials		
161.		Mass of sack,	Cl 4.1 of IS 14252:2015/RA 2020--A1 to A3:2021
162.		Average breaking strength	Cl 4.1 of IS 14252:2015/RA 2020--A1 to A3:2021
163.	High density polyethylene (HDPE)/ polypropylene (PP) woven sacks for filling sand	Breaking strength of bottom seam	Cl 4.1 of IS 14252:2015/RA 2020--A1 to A3:2021
164.		Elongation at break	Cl 4.1 of IS 14252:2015/RA 2020--A1 to A3:2021
165.		Average breaking strength (UV Resistance)	Cl 4.1 of IS 14252:2015/RA 2020--A1 to A3:2021
166.		MANUFACTURE	Cl 3 of IS 14887-2014/Reaff2023-AMD3
167.		Raw Material	Cl 3.1 of IS 14887-2014/Reaff2023-AMD3
168.		Tape width	Cl 3.2 of IS 14887-2014/Reaff2023-AMD3
169.	High density polyethylene (HDPE)/ polypropylene (PP) woven sacks for packaging of 50 kg cement	Linear density	Cl 3.2 of IS 14887-2014/Reaff2023-AMD3
170.		Length of loom	Cl 3.3 of IS 14887-2014/Reaff2023-AMD3
171.		Seam and mouth opening	Cl 3.3.1,3.3.2 of IS 14887-2014/Reaff2023-AMD3
172.		Capacity	Cl 3.4 of IS 14887-2014/Reaff2023-AMD3
173.		Mass of Bale	Cl 4.1 of IS 14887-2014/Reaff2023-AMD3
174.		Capacity	Cl 3.4, 4.2 of IS 14887-2014/Reaff2023-AMD3

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	Textile Materials		
175.		Dimensions	Cl 4.2 of IS 14887-2014/Reaff2023-AMD3
176.		Ends per dm and Picks per dm	Cl 4.2 of IS 14887-2014/Reaff2023-AMD3
177.		Mass of sack,	Cl 4.2 of IS 14887-2014/Reaff2023-AMD3
178.		Average breaking strength	Cl 4.2 of IS 14887-2014/Reaff2023-AMD3
179.	High density polyethylene (HDPE)/ polypropylene (PP) woven sacks for packaging of 50 kg cement	Breaking strength of bottom seam	Cl 4.2 of IS 14887-2014/Reaff2023-AMD3
180.		Elongation at break	Cl 4.2 of IS 14887-2014/Reaff2023-AMD3
181.		Average breaking strength (UV Resistance)	Cl 4.2 of IS 14887-2014/Reaff2023-AMD3
182.		Types	Cl 3 of IS 14968-2015/Reaff2020-AMD4:2022
183.	High Density Polyethylene (HDPE)/Polypropylene (PP) Woven Sacks for Packaging 50 kg/25 kg Sugar	Raw Material	Cl 4.1 of IS 14968-2015/Reaff2020-AMD4:2022
184.		Tape width	Cl 4.2 of IS 14968-2015/Reaff2020-AMD4:2022
185.		Linear density	Cl 4.2 of IS 14968-2015/Reaff2020-AMD4:2022
186.		Length of loom	Cl 4.3,4.3.1 of IS 14968-2015/Reaff2020-AMD4:2022
187.		Bottom seam and mouth opening	Cl 4.3.2 of IS 14968-2015/Reaff2020-AMD4:2022

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Mechanical Testing			
Sl.No	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Textile Materials		
188.		Liner (mass, pin hole)	Cl 4.4, 4.4.1 of IS 14968-2015/Reaff2020-AMD4:2022
189.		Manufacture	Cl 4 of IS 14968-2015/Reaff2020-AMD4:2022
190.		Mass of Bale	Cl 5.1 of IS 14968-2015/Reaff2020-AMD4:2022
191.		Capacity	Cl 4.5 of IS 14968-2015/Reaff2020-AMD4:2022
192.		Dimensions	Cl 5.1 ,5.2 of IS 14968-2015/Reaff2020-AMD4:2022
193.	High Density Polyethylene (HDPE)/Polypropylene (PP) Woven Sacks for Packaging 50 kg/25 kg Sugar	Ends per dm and Picks per dm	Cl 5.1 ,5.2 of IS 14968-2015/Reaff2020-AMD4:2022
194.		Mass of sack,	Cl 5.1 ,5.2 of IS 14968-2015/Reaff2020-AMD4:2022
195.		Average breaking strength	Cl 5.1 ,5.2 of IS 14968-2015/Reaff2020-AMD4:2022
196.		Breaking strength of bottom seam	Cl 5.1 ,5.2 of IS 14968-2015/Reaff2020-AMD4:2022
197.		Elongation at break	Cl 5.1 ,5.2 of IS 14968-2015/Reaff2020-AMD4:2022
198.		Average breaking strength (UV Resistance)	Cl 6.2,6.3 of IS 14968-2015/Reaff2020-AMD4:2022

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Mechanical Testing			
Sl.No	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Textile Materials		
199.		Types	Cl 3 of IS 16208-2015/Reaff2020-AMD3:2021
200.	High Density Polyethylene (HDPE)/Polypropylene (PP) Woven Sacks for Packaging 10 kg, 15 kg, 20 kg, 25 kg and 30 kg Foodgrains	Manufacture	Cl 4 of IS 16208-2015/Reaff2020-AMD3:2021
201.		Raw Material	Cl 4.1 of IS 16208-2015/Reaff2020-AMD3:2021
202.		Tape width	Cl 4.2 of IS 16208-2015/Reaff2020-AMD3:2021
203.		Linear density	Cl 4.2 of IS 16208-2015/Reaff2020-AMD3:2021
204.		Length of loom	Cl 4.3 of IS 16208-2015/Reaff2020-AMD3:2021
205.		Bottom seam and mouth opening	Cl 4.3.1,4.3.2 of IS 16208-2015/Reaff2020-AMD3:2021
206.	High Density Polyethylene (HDPE)/Polypropylene (PP) Woven Sacks for Packaging 10 kg, 15 kg, 20 kg, 25 kg and 30 kg Foodgrains	Mass of Bale	Cl 5.1 of IS 16208-2015/Reaff2020-AMD3:2021
207.		Capacity	Cl 4 .4 of IS 16208-2015/Reaff2020-AMD3:2021
208.		Dimensions	Cl 5.1 ,5.2 of IS 16208-2015/Reaff2020-AMD3:2021
209.		Ends per dm and Picks per dm	Cl 5.1 ,5.2 of IS 16208-2015/Reaff2020-AMD3:2021

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Mechanical Testing			
Sl.No	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Textile Materials		
210.		Mass of sack,	Cl 5.1 ,5.2 of IS 16208-2015/Reaff2020-AMD3:2021
211.		Average breaking strength	Cl 5.1 ,5.2 of IS 16208-2015/Reaff2020-AMD3:2021
212.		Breaking strength of bottom seam	Cl 5.1 ,5.2 of IS 16208-2015/Reaff2020-AMD3:2021
213.		Elongation at break	Cl 5.1 ,5.2 of IS 16208-2015/Reaff2020-AMD3:2021
214.		Average breaking strength (UV Resistance)	Cl 5.1 ,5.2 of IS 16208-2015/Reaff2020-AMD3:2021
215.	Monoaxially oriented high density polyethylene (HDPE) and polypropylene (PP) tapes	Material and manufacture	Cl 4.1, 4.2 4.3 of IS 6192:2023
216.		Tape width	Cl 5.1,5.1.1 of IS 6192:2023
217.		Thickness of the tape	Cl 5.1,5.1.2 of IS 6192:2023,
218.		Linear density	Cl 5.1,5.1.3 of IS 6192:2023
219.		Average tenacity	Cl 5.1,5.1.4 of IS 6192:2023
220.		Average value of the elongation at break	Cl 5.1,5.1.5 of IS 6192:2023
221.		Average breaking strength (UV Resistance)	Cl 5.1,5.1.6 of IS 6192:2023
222.		Average heat shrinkage	Cl 5.1,5.1.7 of IS 6192:2023

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Mechanical Testing			
Sl.No	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Textile Materials		
223.	Textile and Textile products	Slide Fasteners (Zipper) Tests: Bottom Stop Holding Stringer	EN 16732: 2015, ASTM D 2061: 2013, ASTM D2062: 2014, BS 3084: 2006
224.		Slide Fasteners (Zipper) Tests: Chain Crosswise Strength	EN 16732: 2015, ASTM D 2061: 2013, ASTM D2062: 2014, BS 3084: 2006
225.		Slide Fasteners (Zipper) Tests: Closed end Strength	EN 16732: 2015, ASTM D 2061: 2013, ASTM D2062: 2014, BS 3084: 2006
226.		Slide Fasteners (Zipper) Tests: Element Pull of strength	EN 16732: 2015, ASTM D 2061: 2013, ASTM D2062: 2014, BS 3084: 2006
227.		Slide Fasteners (Zipper) Tests: Lateral Strength of fastener	EN 16732: 2015, ASTM D 2061: 2013, ASTM D2062: 2014, BS 3084: 2006
228.	Textile and Textile products	Slide Fasteners (Zipper) Tests: pull-of strength	EN 16732: 2015, ASTM D 2061: 2013, ASTM D2062: 2014, BS 3084: 2006
229.		Slide Fasteners (Zipper) Tests: Puller attachment Strength	EN 16732: 2015, ASTM D 2061: 2013, ASTM D2062: 2014, BS 3084: 2006
230.		Slide Fasteners (Zipper) Tests: Reciprocating Strength	EN 16732: 2015, ASTM D 2061: 2013, ASTM D2062: 2014, BS 3084: 2006
231.		Slide Fasteners (Zipper) Tests: Separation Strength	EN 16732: 2015, ASTM D 20161: 2013, ASTM D2062: 2014, BS 3084: 2006
232.		Slide Fasteners (Zipper) Tests: Top Stop Strength	EN 16732: 2015, ASTM D 2061: 2013, ASTM D2062: 2014, BS 3084: 2006
233.		Determination of number of threads per unit length	ISO 7211-2

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Mechanical Testing			
Sl.No	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Textile Materials		
234.		Determination of the mass	ISO 7211-6, ISO 8543
235.		Determination of mass	ISO 9073-1
236.		Determination of tensile strength and elongation	ISO 9073-3
237.		Determination of tear resistance	ISO 9073-4, ISO 13937-3, ISO 13937-4
238.		Absorption	ISO 9073-6
239.	Textile and Textile products	Determination of fabric propensity to surface fuzzing and to pilling	ISO 12945-2, ISO 12945 PART 4 ISO 12947-1, IS 10971/RA2021 ISO 12947-2, ISO 12947-3, ISO 12947-4
240.	Light weight jute sacking bags for packing 50 kg foodgrains	Fabric (construction-Type 1, Type 2)	4.1 of IS 16186:2014/RA2023-Amd3:2024, IS 9113
241.		Seam (construction)	4.2 of IS 16186:2014/RA2023-Amd3:2024, IS 9113
242.		Safety Stitch (construction)	4.3 of IS 16186:2014/RA2023-Amd3:2024, IS 9113
243.		Hemming at the Mouth	4.4 of IS 16186:2014/RA2023-Amd3:2024, IS 9113
244.		Freedom from Defects	4.5 of IS 16186:2014/RA2023-Amd3:2024, IS 9113
245.		Dimensions (Outside length and width)	Cl 4.1 and 5.1 of IS 16186:2014/RA2023-Amd3:2024, IS 9113

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Mechanical Testing			
Sl.No	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Textile Materials		
246.		Ends/dm	Cl 4.1 and 5.1 of IS 16186:2014/RA2023-Amd3:2024, IS 9113
247.		Picks/dm	Cl 4.1 and 5.1 of IS 16186:2014/RA2023-Amd3:2024, IS 9113
248.		Corrected mass/bag,	Cl 4.1 and 5.1 of IS 16186:2014/RA2023-Amd3:2024, IS 9113
249.		Average breaking strength of sacking	Cl 4.1 and 5.1 of IS 16186:2014/RA2023-Amd3:2024, IS 9113
250.	Light weight jute sacking bags for packing 50 kg foodgrains	Average seam strength	Cl 4.1 and 5.1 of IS 16186:2014/RA2023-Amd3:2024, IS 9113
251.		Moisture regains	Cl 4.1 and 5.1 of IS 16186:2014/RA2023-Amd3:2024, IS 9113
252.		Oil content on dry de-oiled material	Cl 4.1 and 5.1 of IS 16186:2014/RA2023-Amd3:2024, IS 9113
253.		Total number of bags per bale	Cl 5.2 of IS 16186:2014/RA2023-Amd3:2024, IS 9113
254.		Number of bags per bundle	Cl 5.2 of IS 16186:2014/RA2023-Amd3:2024, IS 9113
255.		Contract mass of a bale	Cl 5.2 of IS 16186:2014/RA2023-Amd3:2024, IS 9113
256.		Corrected net mass of a bale	Cl 5.2 of IS 16186:2014/RA2023-Amd3:2024, IS 9113

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Sl.No	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Textile Materials		
257.		Number of joined bags per bundle	Cl 5.2 of IS 16186:2014/RA2023-Amd3:2024, IS 9113
258.		Contract moisture regains	Cl 5.3 of IS 16186:2014/RA2023-Amd3:2024, IS 9113
259.	High density polyethylene (HDPE)/ polypropylene (PP) leno woven sacks for packaging and storage of fruits and vegetables	Manufacture (raw material)	Cl 3.1 of IS 16187:2014/RA2023-Amd 1:2023
260.	Light weight jute sacking bags for packing 50 kg foodgrains	Tape width	Cl 3.2 of IS 16187:2014/RA2023-Amd 1:2023
261.		Linear density	Cl 3.2 of IS 16187:2014/RA2023-Amd 1:2023
262.		seam and stitching thread -Sack	Cl 3.3.1,3.3.2 of IS 16187:2014/RA2023-Amd 1:2023
263.		Bag open mouth	Cl 3.3.3 of IS 16187:2014/RA2023-Amd 1:2023
264.		Capacity	Cl 3.3.4 of IS 16187:2014/RA2023-Amd 1:2023
265.		Dimensions	Cl 3.3.4 of IS 16187:2014/RA2023-Amd 1:2023

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Mechanical Testing			
Sl.No	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Textile Materials		
266.		Ends per dm and Picks per dm	Cl 4.1 of IS 16187:2014/RA2023-Amd 1:2023
267.		Mass of fabric	Cl 4.1 of IS 16187:2014/RA2023-Amd 1:2023
268.		Average breaking strength	Cl 4.1 of IS 16187:2014/RA2023-Amd 1:2023
269.		Average breaking strength (UV Resistance)	cl 4.2 of IS 16187:2014/RA2023-Amd 1:2023
270.	High density polyethylene (HDPE) woven sacks for packing flour	Manufacture (fabric)	Cl 2.1 of IS 12100:1987/RA2020-AMD 1
271.		Tape width	Cl 2.1 of IS 12100:1987/RA2020-AMD 1
272.		Linear density	Cl 2.1 of IS 12100:1987/RA2020-AMD 1
273.	Light weight jute sacking bags for packing 50 kg foodgrains	Lamination of sack	Cl 2.3,2.3.1,2.3.2 of IS 12100:1987/RA2020-AMD 1
274.		Seam and stitching thread -Sack	Cl 2.4,2.4.1 of IS 12100:1987/RA2020-AMD 1
275.		Bag open mouth	Cl 2.5 of IS 12100:1987/RA2020-AMD 1
276.		Capacity	Cl 2.6 of IS 12100:1987/RA2020-AMD 1
277.		Dimensions	Cl 3.2 of IS 12100:1987/RA2020-AMD 1
278.		Mass of fabric	Cl 3.3 of IS 12100:1987/RA2020-AMD 1
279.		Average breaking strength	Cl 3.1 of IS 12100:1987/RA2020-AMD 1

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Mechanical Testing			
Sl.No	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Textile Materials		
280.		Seam breaking strength	Cl 3.1 of IS 12100:1987/RA2020-AMD 1
281.	High Density Polyethylene (HDPE)/Polypropylene (PP) Woven Sacks for Packing of Solid Ammonium Nitrate for Explosives	Types	Cl 3 of IS 16581:2018/RA:2023
282.		Manufacture	Cl 4 of IS 16581:2018/RA:2023
283.		Raw Material	Cl 4.1 of IS 16581:2018/RA:2023
284.		Tape width	Cl 4.2 of IS 16581:2018/RA:2023
285.		Linear density	Cl 4.2 of IS 16581:2018/RA:2023
286.		Length of loom	Cl 4.3,4.3.1 of IS 16581:2018/RA:2023
287.		mouth opening	Cl 4.7 of IS 16581:2018/RA:2023
288.		Liner (mass, pin hole)	Cl 4.4,4.4.1,4.4.2 of IS 16581:2018/RA:2023
289.		Lamination of sack	Cl 4.5,4.5.1 of IS 16581:2018/RA:2023
290.	High Density Polyethylene (HDPE)/Polypropylene (PP) Woven Sacks for Packing of Solid Ammonium Nitrate for Explosives	Seam and stitching thread -Sack	Cl 4.6,4.6.1 of IS 16581:2018/RA:2023
291.		Mass of Bale	Cl 5.2 of IS 16581:2018/RA:2023
292.		Capacity	Cl 4.8 of IS 16581:2018/RA:2023
293.		Dimensions	Cl 5.1 of IS 16581:2018/RA:2023
294.		Ends per dm and Picks per dm	Cl 4.3.1,5.1 of IS 16581:2018/RA:2023
295.		Mass of Fabric,	Cl 5.1 of IS 16581:2018/RA:2023
296.		Average breaking strength	Cl 5.1 of IS 16581:2018/RA:2023

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Mechanical Testing			
Sl.No	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Textile Materials		
297.		Breaking strength of bottom seam	Cl 5.1 of IS 16581:2018/RA:2023
298.		Elongation at break	Cl 5.1 of IS 16581:2018/RA:2023
299.	High density polyethylene (HDPE)/ polypropylene (PP) woven sacks for packaging of 25 kg polymer materials	Manufacture	Cl 4 of IS 16703:2017/RA:2022-AMD-3:2024
300.		Raw Material	Cl 4.1 of IS 16703:2017/RA:2022-AMD-3:2024
301.		Fabric, width of tape,	Cl 4.2 of IS 16703:2017/RA:2022-AMD-3:2024
302.		Length of loom	Cl 4.2 of IS 16703:2017/RA:2022-AMD-3:2024
303.		Sack- Bottom Seam	Cl 4.3, 4.3.1 of IS 16703:2017/RA:2022-AMD-3:2024
304.		Lamination	Cl 4.4 of IS 16703:2017/RA:2022-AMD-3:2024
305.		Liner (mass, pin hole)	Cl 4.5 of IS 16703:2017/RA:2022-AMD-3:2024
306.	High density polyethylene (HDPE)/ polypropylene (PP) woven	Capacity	Cl 4.6 of IS 16703:2017/RA:2022-AMD-3:2024
307.		Mass of Bale	Cl 5.1 of IS 16703:2017/RA:2022-AMD-3:2024

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Mechanical Testing			
Sl.No	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Textile Materials		
308.	sacks for packaging of 25 kg polymer materials	Dimensions	Cl 5.2 of IS 16703:2017/RA:2022-AMD-3:2024
309.		Ends per dm and Picks per dm	Cl 5.2 of IS 16703:2017/RA:2022-AMD-3:2024
310.		Mass of sack,	Cl 5.2 of IS 16703:2017/RA:2022-AMD-3:2024
311.		Average breaking strength	Cl 5.2 of IS 16703:2017/RA:2022-AMD-3:2024
312.		Breaking strength of bottom seam	Cl 5.2 of IS 16703:2017/RA:2022-AMD-3:2024
313.		Elongation at break	Cl 5.2 of IS 16703:2017/RA:2022-AMD-3:2024
314.		Drop impact strength	Cl 5.3 of IS 16703:2017/RA:2022-AMD-3:2024
315.		UV Resistance	Cl 5.5 of IS 16703:2017/RA:2022-AMD-3:2024
316.	Polypropylene (PP) Woven, Laminated, Block Bottom Valve Sacks for	Manufacture	Cl 5 of IS 16709:2017/RA2022-AMD2:2023
317.		Raw Material	Cl 5.1 of IS 16709:2017/RA2022-AMD2:2023
318.		Fabric, width of tape,	Cl 5.2 of IS 16709:2017/RA2022-AMD2:2023

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Mechanical Testing			
Sl.No	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Textile Materials		
319.	Packaging of 50 kg Cement	Length of loom	Cl 5.2 of IS 16709:2017/RA2022-AMD2:2023
320.		Sack (Top and Bottom Closures, Filling Valve for Sacks)	Cl 5.3,5.3.1,5.3.2 of IS 16709:2017/RA2022-AMD2:2023
321.		Lamination	Cl 5.4 of IS 16709:2017/RA2022-AMD2:2023
322.	Polypropylene (PP) Woven, Laminated, Block Bottom Valve Sacks for Packaging of 50 kg Cement	Perforation	Cl 5.5 of IS 16709:2017/RA2022-AMD2:2023
323.		Capacity	Cl 5.6 of IS 16709:2017/RA2022-AMD2:2023
324.		Mass of Bale	Cl 6.1 of IS 16709:2017/RA2022-AMD2:2023
325.		Dimensions	Cl4.1,4.1.1,4.1.2,4.1.3,4.1.4,4.1.5,4.1.6,4.1.7,4.1.8 of IS 16709:2017/RA2022-AMD2:2023
326.		Ends per dm and Picks per dm	Cl 5.2 of IS 16709:2017
327.		Mass of sack,	Cl 5.3 of IS 16709:2017
328.		Average breaking strength	Cl 6.2 of IS 16709:2017
329.		Weld strength of top and bottom closure	Cl 6.2 of IS 16709:2017
330.		Elongation at break	Cl 6.2 of IS 16709:2017

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Mechanical Testing			
Sl.No	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Textile Materials		
331.		Drop impact strength	Cl 6.3 of IS 16709:2017
332.		Air Permeability	Cl 6.5 of IS 16709:2017
333.	Light weight Jute sacking bags for packing 50 kg mustard seed, Niger seed and ragi	Manufacture (construction)	Cl 4.1,4.1.1 of IS 18161:2023-AMD3:2024, IS 9113
334.		Seam (construction)	Cl 4.2 of IS 18161:2023-AMD3:2024, IS 9113
335.		Safety Stitch (construction)	Cl 4.3 of IS 18161:2023-AMD3:2024, IS 9113
336.		Hemming at the Mouth	Cl 4.4 of IS 18161:2023-AMD3:2024, IS 9113
337.		Freedom from Defects	Cl 4.5 of IS 18161:2023-AMD3:2024, IS 9113
338.	Polypropylene (PP) Woven, Laminated, Block Bottom Valve Sacks for Packaging of 50 kg Cement	Dimensions (Outside length and width)	Cl 4.1.1, 5.1 of IS 18161:2023-AMD3:2024, IS 9113
339.		Ends/dm	Cl 4.1.1, 5.1 of IS 18161:2023-AMD3:2024, IS 9113
340.		Picks/dm	Cl 4.1.1, 5.1 of IS 18161:2023-AMD3:2024, IS 9113
341.		Corrected mass/bag,	Cl 4.1.1, 5.1 of IS 18161:2023-AMD3:2024, IS 9113
342.		Average breaking strength of sacking	Cl 4.1.1, 5.1 of IS 18161:2023-AMD3:2024, IS 9113

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Sl.No	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Textile Materials		
343.		Average seam strength	Cl 4.1.1, 5.1 of IS 18161:2023-AMD3:2024, IS 9113
344.		Moisture regains	Cl 4.1.1, 5.1 of IS 18161:2023-AMD3:2024, IS 9113
345.		Oil content on dry de-oiled material	Cl 4.1.1, 5.1 of IS 18161:2023-AMD3:2024, IS 9113
346.		Total number of bags per bale	Cl 4.1.1, 5.1 of IS 18161:2023-AMD3:2024, IS 9113
347.		Number of bags per bundle	Cl 5.2 of IS 18161:2023-AMD3:2024, IS 9113
348.		Contract mass of a bale	Cl 5.2 of IS 18161:2023-AMD3:2024, IS 9113
349.	Polypropylene (PP) Woven, Laminated, Block Bottom Valve Sacks for Packaging of 50 kg Cement	Corrected net mass of a bale	Cl 5.2 of IS 18161:2023-AMD3:2024, IS 9113
350.		Number of joined bags per bundle	Cl 5.2 of IS 18161:2023-AMD3:2024, IS 9113
351.		Contract moisture regains	Cl 5.3 of IS 18161:2023-AMD3:2024, IS 9113
352.	Light Weight Jute Sacking Bags for Packing 50 kg Pulses and Soyabean	Manufacture (construction)	Cl 4.1,4.1.1 of IS 18162:2023-AMD2:2024, IS 9113
353.		Seam (construction)	Cl 4.2 of IS 18162:2023-AMD2:2024, IS 9113

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Mechanical Testing			
Sl.No	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Textile Materials		
354.		Safety Stitch (construction)	Cl 4.3 of IS 18162:2023-AMD2:2024, IS 9113
355.		Hemming at the Mouth	Cl 4.4 of IS 18162:2023-AMD:2024, IS 9113
356.		Freedom from Defects	Cl 4.5 of IS 18162:2023-AMD2:2024, IS 9113
357.		Dimensions (Outside length and width)	Cl 4.1.1, 5.1 of IS 18162:2023-AMD2:2024, IS 9113
358.		Ends/dm	Cl 4.1.1, 5.1 of IS 18162:2023-AMD2:2024, IS 9113
359.		Picks/dm	Cl 4.1.1, 5.1 of IS 18162:2023-AMD2:2024, IS 9113
360.		Corrected mass/bag,	Cl 4.1.1, 5.1 of IS 18162:2023-AMD2:2024, IS 9113
361.		Average breaking strength of sacking	Cl 4.1.1, 5.1 of IS 18162:2023-AMD2:2024, IS 9113
362.	Light Weight Jute Sacking Bags for Packing 50 kg Pulses and Soyabean	Average seam strength	Cl 4.1.1, 5.1 of IS 18162:2023-AMD2:2024, IS 9113
363.		Moisture regains	Cl 4.1.1, 5.1 of IS 18162:2023-AMD2:2024, IS 9113
364.		Oil content on dry de-oiled material	Cl 4.1.1, 5.1 of IS 18162:2023-AMD2:2024, IS 9113

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Mechanical Testing			
Sl.No	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Textile Materials		
365.		Total number of bags per bale	Cl 4.1.1, 5.1 of IS 18162:2023-AMD2:2024, IS 9113
366.		Number of bags per bundle	Cl 5.2 of IS 18162:2023-AMD2:2024, IS 9113
367.		Contract mass of a bale	Cl 5.2 of IS 18162:2023-AMD2:2024, IS 9113
368.		Corrected net mass of a bale	Cl 5.2 of IS 18162:2023-AMD2:2024, IS 9113
369.		Number of joined bags per bundle	Cl 5.2 of IS 18162:2023-AMD2:2024, IS 9113
370.		Contract moisture regains	Cl 5.3 of IS 18162:2023-AMD2:2024, IS 9113
371.	Light weight jute sacking bags for packing 35 kg groundnut with shell	Manufacture (construction)	Cl 4.1,4.1.1 of IS 18163:2023-AMD2:2024, IS 9113
372.		Seam (construction)	Cl 4.2 of IS 18163:2023-AMD2:2024, IS 9113
373.		Safety Stitch (construction)	Cl 4.3 of IS 18163:2023-AMD2:2024, IS 9113
374.		Hemming at the Mouth	Cl 4.4 of IS 18163:2023-AMD:2024, IS 9113
375.		Freedom from Defects	Cl 4.5 of IS 18163:2023-AMD2:2024, IS 9113

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Mechanical Testing			
Sl.No	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Textile Materials		
376.	Light weight jute sacking bags for packing 35 kg groundnut with shell	Dimensions (Outside length and width)	Cl 4.1.1, 5.1 of IS 18163:2023-AMD2:2024, IS 9113
377.		Ends/dm	Cl 4.1.1, 5.1 of IS 18163:2023-AMD2:2024, IS 9113
378.		Picks/dm	Cl 4.1.1, 5.1 of IS 18163:2023-AMD2:2024, IS 9113
379.		Corrected mass/bag,	Cl 4.1.1, 5.1 of IS 18163:2023-AMD2:2024, IS 9113
380.		Average breaking strength of sacking	Cl 4.1.1, 5.1 of IS 18163:2023-AMD2:2024, IS 9113
381.		Average seam strength	Cl 4.1.1, 5.1 of IS 18163:2023-AMD2:2024, IS 9113
382.		Moisture regains	Cl 4.1.1, 5.1 of IS 18163:2023-AMD2:2024, IS 9113
383.		Oil content on dry de-oiled material	Cl 4.1.1, 5.1 of IS 18163:2023-AMD2:2024, IS 9113
384.		Total number of bags per bale	Cl 4.1.1, 5.1 of IS 18163:2023-AMD2:2024, IS 9113
385.		Number of bags per bundle	Cl 5.2 of IS 18163:2023-AMD2:2024, IS 9113
386.		Contract mass of a bale	Cl 5.2 of IS 18163:2023-AMD2:2024, IS 9113

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Mechanical Testing			
Sl.No	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Textile Materials		
387.	Light weight jute sacking bags for packing 35 kg groundnut with shell	Corrected net mass of a bale	Cl 5.2 of IS 18163:2023-AMD2:2024, IS 9113
388.		Number of joined bags per bundle	Cl 5.2 of IS 18163:2023-AMD2:2024, IS 9113
389.		Contract moisture regains	Cl 5.3 of IS 18163:2023-AMD2:2024, IS 9113
390.	Corrugated fibreboard boxes	Determination of number of threads per unit length	EN 1049-2
391.		Determination of mass per unit area	EN 12127
392.		Construction (WEAVE)	ISO 7211-1,
393.		Determination of linear density of yarn	ISO 7211-5,
394.	Textile and Textile products	Dimensional Changes on Soaking in Water	IS 2977 1989/RA2020
395.	Nylon Laces for Shoes and Boots	Length, Flat width	IS 1954
396.		Mass per 10 pairs	IS 14358: 2024
397.		Number of plaits per 2.5 cm	IS 14358: 2024
398.		Number of spindles	IS 14358: 2024
399.		Breaking load,	IS 1969

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Mechanical Testing			
Sl.No	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Textile Materials		
400.	Nylon Laces for Shoes and Boots	Elongation under 5.0 kg load	IS 14358: 2024, IS 1969
401.		marking and packing	IS 14358: 2024, IS 1969
402.	Polyester Textured Yarns	Identification and Description	Cl 5.2 of IS 17879: 2022 IS 667
403.		Melting Point	Cl 5.2 of IS 17879: 2022 IS 16481
404.		Mean linear density	Cl 6.1 of IS 17879: 2022 Table 3 IS 7703 Part 1
405.		No. of filaments	Cl 6.1 of IS 17879: 2022 Table 3 Annex B
406.		Elongation at break	Cl 6.1 of IS 17879: 2022 Table 3 IS 7703 Part 2
407.		Tenacity	Cl 6.1 of IS 17879: 2022 Table 3 IS 7703 Part 2
408.		Shrinkage in boiling water	Cl 6.1 of IS 17879: 2022 Table 3 IS 17087
409.		Shrinkage in hot air at 180 degree C for 30 min	Cl 6.1 of IS 17879: 2022 Table 3 IS 17088
410.		Crimp contraction	Cl 6.1 of IS 17879: 2022 Table 3 Annex C
411.		Crimp stability	Cl 6.1 of IS 17879: 2022 Table 3 Annex C
412.		Interlace per meter	Cl 6.1 of IS 17879: 2022 Table 3 Annex D
413.		Ultraviolet resistance, 500 hr. % retained strength	Cl 6.2 of IS 17879: 2022 Table 4 IS 13162 Part 2
414.		Elastomer content	Cl 6.2 of IS 17879: 2022 Table 4 Annex H

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Mechanical Testing			
Sl.No	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Textile Materials		
415.		Colour strength with reference to standard yarn	Cl 6.2 of IS 17879: 2022 Table 4 IS Annex J
416.	Continuous Filament Polyamide (Nylon) Yarn	Colour difference with reference to standard yarn	Cl 6.2 of IS 17879: 2022 Table 4 IS Annex J
417.		Freedom from Yarn Defects	Cl 6.3 of IS 17879: 2022
418.		Dry heat treatments	Cl 6.5 of IS 17879: 2022 Table 6 IS 4636
419.		Commercial Mass	Cl 6.6 of IS 17879: 2022 IS 7703 Part 3
420.		Denier	Cl 3.1 of IS 7867: 2022 Table 1 IS 7703 Part 1
421.		Tenacity	Cl 3.1 of IS 7867: 2022 Table 1 IS 7703 Part 2
422.		Percentage elongation at break	Cl 3.1 of IS 7867: 2022 Table 1 IS 7703 Part 2
423.		evenness (U%)	Cl 3.1 of IS 7867: 2022 Table 1 IS 7703 Part 5
424.		commercial mass	Cl 3.1 of IS 7867: 2022 Table 1 IS 7703 Part 3
425.		Conventional allowance	Cl 3.1 of IS 7867: 2022 Table 1
426.		Oil content	Cl 3.1 of IS 7867: 2022 Table 1
427.		Broken filaments	Cl 3.1 of IS 7867: 2022 Table 1
428.		Undrawn yarn	Cl 3.1 of IS 7867: 2022 Table 1

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Mechanical Testing			
Sl.No	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Textile Materials		
429.		Boiling water shrinkage	Cl 3.1 of IS 7867: 2022 Table 1 IS 17087
430.		Hot air shrinkage	Cl 3.1 of IS 7867: 2022 Table 1 IS 17088
431.	Continuous Multifilament Polypropylene Yarns	Linear density	Cl 4.1 of IS 18892: 2024 Table 1 IS 7703 Part 1
432.	Continuous Multifilament Polypropylene Yarns	No. of filaments	Cl 4.1 of IS 18892: 2024 Table 1
433.		Tenacity	Cl 4.1 of IS 18892: 2024 Table 1 IS 7703 Part 2
434.		Elongation at break	Cl 4.1 of IS 18892: 2024 Table 1 IS 7703 Part 2
435.		Twist per metre	Cl 4.1 of IS 18892: 2024 Table 1 IS 832 Part 1
436.		Number of nips per meter	Cl 4.1 of IS 18892: 2024 Table 1 IS 17262 Annex B
437.		Boiling water shrinkage	Cl 4.1 of IS 18892: 2024 Table 1 IS 17261 Annex G
438.		Hot air shrinkage	Cl 4.1 of IS 18892: 2024 Table 1 IS 17264 Annex F
439.		Unevenness of yarn	Cl 4.1 of IS 18892: 2024 Table 1 IS 7703 Part 5
440.		Ultraviolet resistance, 144 hr. % retained strength	Cl 4.1 of IS 18892: 2024 Table 2 IS 16481 Annex F

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Mechanical Testing			
Sl.No	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Textile Materials		
441.		Colour strength with reference to standard yarn	Cl 4.1 of IS 18892: 2024 Table 2 IS 17261 Annex E
442.		Colour difference with reference to standard yarn	Cl 4.1 of IS 18892: 2024 Table 2 IS 17261 Annex E
443.		Freedom from Yarn Defects	Cl 4.2 of IS 18892: 2024
444.		Commercial Mass	Cl 4.3 of IS 18892: 2024 IS 7703 Part 3
445.		Identification of Polypropylene Yarns	Cl 4.4 of IS 18892: 2024 IS 667
446.		Melting Point	Cl 4.4 of IS 18892: 2024 IS 16481
447.	Elastomeric Yarn	Linear Density	Cl 4.1 of IS 18669: 2024 Annex B
448.		Elongation	Cl 4.1 of IS 18669: 2024 Annex C
449.		Tenacity	Cl 4.1 of IS 18669: 2024 Annex C
450.		Elastic Recovery	Cl 4.1 of IS 18669: 2024 Annex C
451.		Modulus at 300 Percent Elongations	Cl 4.1 of IS 18669: 2024 IS 16388
452.	Elastomeric Yarn	Boiling Water Shrinkage	Cl 4.1 of IS 18669: 2024 Annex D
453.		Ultraviolet resistance	Cl 4.2 of IS 18669: 2024 IS 13162 Part 2
454.		Colour strength with reference to standard yarn	Cl 4.2 of IS 18669: 2024 Annex F
455.		Colour difference with reference to standard yarn	Cl 4.2 of IS 18669: 2024 Annex F

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Mechanical Testing			
Sl.No	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Textile Materials		
456.		Chlorinated water	Cl 4.3 of IS 18669: 2024 IS/ISO E-03
457.		Sea water	Cl 4.3 of IS 18669: 2024 IS/ISO E-02
458.		Freedom from Defects	Cl 4.4 of IS 18669: 2024
459.		Commercial Mass	Cl 4.5 of IS 18669: 2024 IS 7703 Part 3
460.	Textile and Textile products	Vertical Wicking Rate of Textiles: to Specified Time	AATCC 213
461.		Absorbency of Textiles	AATCC TM79-2010e2
462.		Bow & Skew	ASTM D3882-08
463.		Bursting Strength	EN ISO 13938-1
464.		Elastic Properties of Fabric	ISO 20932-1:2018, ASTM D2594, ASTM D3107-07, ASTM D4964-96, EN 14704-1, EN ISO 20932-1
465.	Textile and Textile products	Seam Properties (grab method)	ISO 13935-2
466.		Tensile Strength (Strip Method)	ASTM D5035-11, ISO 13934-1
467.		Tensile Strength- Grab Method	ISO 13934-2
468.		Vertical Flammability	EN 1101, EN 1102, EN 1103, ISO 6941, ISO 6940, ISO 15025
469.		Fabric Width	ISO 22198, ASTM D3774

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Mechanical Testing			
Sl.No	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Textile Materials		
470.	Textile and Textile products	Elongation at break	ISO 2062-B
471.		Linear Density	ISO 7211-5
472.		Single End Breaking Force	ISO 2062-B
473.		Determination of shrinkage in boiling water	ISO 18066: 2015
474.		Determination of twist in single spun yarns- Untwist/retwist method	ISO 17202: 2002s
475.		Unevenness of textile strands- Capacitance method	ISO 16549: 2021
476.		Method of test for breaking strength of yarn by the skein method	ISO 6939: 1988
477.		Test methods for crimp properties of textured yarns	ISO 5688: 2024
478.		Determination of twist in yarns- Direct counting method	ISO 2061: 2015
479.		Universal system for designating linear density (Tex System)	ISO 1144: 2006

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Mechanical Testing			
Sl.No	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Textile Materials		
480.	Textile	Textile yarns	IS 17261: 2022, IS 17262: 2022, IS 17263: 2022, IS 17264: 2022, IS 17265: 2022. ref IS -6481, IS 3456
481.		Colour strength with reference to standard yarn, percent	IS 17261: 2022, IS 17262: 2022, IS 17263: 2022, IS 17264: 2022, IS 17265: 2022. ref IS -6481, IS 3456
482.	Specification for school bag	Shape and Dimensions	IS 10228:2022 Amd- 1, Clause 3.0
483.		Material	IS 10228:2022 Amd- 1, Clause 4.0
484.		Body, straps, pockets	IS 10228:2022 Amd- 1, Clause 4.1 Table 1 IS 6110, IS 5915
485.		Piping	IS 10228:2022 Amd- 1, Clause 4.1 Table 1 IS 6110
486.	Specification for school bag	Buckles	IS 10228:2022 Amd- 1, Clause 4.1 Table 1
487.		Sewing thread for hody and straps	IS 10228:2022 Amd- 1, Clause 4.1 Table 1 IS 1720, IS 9543
488.		Sewing thread for piping	IS 10228:2022 Amd- 1, Clause 4.1 Table 1 IS 1720, IS 9543
489.		Manufacture, Workmanship and Finish	IS 10228:2022 Amd- 1, Clause 5.0
490.		Drop Tests	IS 10228:2022 Amd- 1, Clause 7.1
491.		Handle Snatch Test	IS 10228:2022 Amd- 1, Clause 7.2

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Mechanical Testing			
Sl.No	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Textile Materials		
492.	Furniture (Accessories)	Tear strength for fabric and leather	IS 6489 (Part 1) IS 7016 (Part 3/Sec 1) or - IS 7016 (Part 3/Sec 2, IS 17637: 2021/A1, IS 17631, IS 17632, IS 17634, IS 17635, IS 17636
493.		Pilling resistance	IS 10971 (Part 1) or (Part 2), IS 17637: 2021/A1, IS 17631, IS 17632, IS 17634, IS 17635, IS 17636
494.		Coating adhesion strength	IS 7016 (Part 5), IS 17637: 2021/A1, IS 17631, IS 17632, IS 17634, IS 17635, IS 17636
495.		Seam slippage	IS/ISO 13936-2, IS 17637: 2021/A1, IS 17631, IS 17632, IS 17634, IS 17635, IS 17636
496.		Resistance to damage by flexing	IS 7016 (Part 4), IS 17637: 2021/A1, IS 17631, IS 17632, IS 17634, IS 17635, IS 17636
497.		Abrasion resistance	IS 12673 (Part 2), IS 17637: 2021/A1, IS 17631, IS 17632, IS 17634, IS 17635, IS 17636
498.	Furniture (Accessories)	Bursting strength	IS 1966 (Part 1), IS 17637: 2021/A1, IS 17631, IS 17632, IS 17634, IS 17635, IS 17636

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Mechanical Testing			
Sl.No	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Textile Materials		
499.		Resistance to cold	IS 1259, IS 17637: 2021/A1, IS 17631, IS 17632, IS 17634, IS 17635, IS 17636
500.		Tear strength for natural leather	IS 5914, IS 17637: 2021/A1, IS 17631, IS 17632, IS 17634, IS 17635, IS 17636
501.		Flexing endurance	IS 5914, IS 17637: 2021/A1, IS 17631, IS 17632, IS 17634, IS 17635, IS 17636
502.		Finish adhesion	IS 6191 (Part 5), IS 17637: 2021/A1, IS 17631, IS 17632, IS 17634, IS 17635, IS 17636
503.		Water vapour permeability	IS 5914, IS 17637: 2021/A1, IS 17631, IS 17632, IS 17634, IS 17635, IS 17636
504.		Breaking load	IS 1969(Part 1) or IS 7016 (Part 2), IS 17637: 2021/, IS 17631: 2022, IS 17632: 2022, IS 17634: 2022, IS 17635: 2022, IS 17636: 2021
505.		Elongation at break	IS 1969(Part 1) or IS 7016 (Part 2), IS 17637: 2021/, IS 17631: 2022, IS 17632: 2022, IS 17634: 2022, IS 17635: 2022, IS 17636: 2021

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Wood & Wood Products		
1.	Work Chairs, Furniture- Office Chair/ public seating	Design and workmanship	Cl. 4 of IS 17631: 2022
2.		Dimensions	Cl. 5 of IS 17631: 2022, IS 3663: 2018
3.		Raw material Requirements	Cl. 6 of IS 17631: 2022
4.		Stability Test	Cl. 7.3 of IS 17631: 2022, EN 1728: 2012, BS EN 1728: 2012, DIN EN 1728: 2014, BS EN 12727: 2016, EN 1022: 2023, BS EN 1022: 2023, DIN EN 1022: 2024, CL 5.3 BS EN 12520: 2024, EN 12520: 2024, DIN EN 12520: 2024
5.		Corner stability	EN 1335-2: 2018, Clause 4.4 /EN 1022: 2023,7.3.3
6.		Front Edge Overturning	Cl. 7.3.1 of IS 17631: 2022, EN 1335-2: 2018, EN 1022: 2023, EN 1728: 2012, BS EN 1728: 2012,DIN EN 1728: 2014, BS EN 12727: 2016

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Wood & Wood Products		
7.	Work Chairs, Furniture- Office Chair/ public seating	Forwards Overturning	Cl. 7.3.2 of IS 17631: 2022, EN 1728: 2012, EN 1022: 2023, EN 1335-2: 2018, BS EN 1728: 2012, DIN EN 1728: 2014, BS EN 12727: 2016
8.		Forwards Overturning for Chairs with Foot Rest	Cl. 7.3.3 of IS 17631: 2022, EN 1335-2: 2018, EN 1022: 2023, EN 1728: 2012, BS EN 1728: 2012, DIN EN 1728: 2014, BS EN 12727: 2016
9.		Tipping seat operation	BS EN 12727: 2016 clause 5.3.1/EN 1728: 20126.23
10.		Sideways Overturning for Chairs Without Arm Rests	Cl. 7.3.4 of IS 17631: 2022, EN 1335-2: 2018, EN 1022: 2023, EN 1728: 2012, BS EN 1728: 2012, DIN EN 1728: 2014, BS EN 12727: 2016
11.		Sideways Overturning for Chairs with Arm Rests	Cl. 7.3.5 of IS 17631: 2022, EN 1335-2: 2018, EN 1728: 2012, BS EN 1728: 2012, EN 1022: 2023, DIN EN 1728: 2014, BS EN 12727: 2016
12.		Rearwards Overturning for Chairs Without Back Rest Inclination	Cl. 7.3.6 of IS 17631: 2022, EN 1335-2: 2018, EN 1022: 2023, EN 1728: 2012, BS EN 1728: 2012, DIN EN 1728: 2014, BS EN 12727: 2016

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Wood & Wood Products		
13.	Work Chairs, Furniture- Office Chair/ public seating	Rearwards Overturning for Chairs with Backrest Inclination	Cl. 7.3.7 of IS 17631: 2022, EN 1335-2: 2018, EN 1022: 2023, EN 1728: 2012, BS EN 1728: 2012, DIN EN 1728: 2014, BS EN 12727: 2016
14.		Strength Tests	Cl. 7.4 of IS 17631: 2022, EN 1728: 2012, BS EN 1728: 2012, DIN EN 1728: 2014, BS EN 12727: 2016, BS EN 12520: 2024, EN 12520: 2024, DIN EN 12520: 2024
15.		Seat Front Edge Static Load Test	Cl. 7.4.1. of IS 17631: 2022, EN 1728: 2012, BS EN 1728: 2012, DIN EN 1728: 2014, BS EN 12727: 2016
16.		Combined Seat and Back Static Load Test	Cl. 7.4.2 of IS 17631: 2022, EN 1728: 2012, BS EN 1728: 2012, DIN EN 1728: 2014, BS EN 12727: 2016
17.		Arm Rest Downward Static Load Test — Central	Cl. 7.4.3 of IS 17631: 2022, EN 1728: 2012, BS EN 1728: 2012, DIN EN 1728: 2014, BS EN 12727: 2016
18.		Arm Rest Downward Static Load Test — Front	Cl. 7.4.4 of IS 17631: 2022, EN 1728: 2012, BS EN 1728: 2012, DIN EN 1728: 2014, BS EN 12727: 2016

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Wood & Wood Products		
19.	Work Chairs, Furniture- Office Chair/ public seating	Auxiliary writing surface durability test	BS EN 12727: 2016 clause 5.3.1/EN 1728: 2012, 6.22
20.		Vertical static test on auxiliary writing surfaces	BS EN 12727: 2016 clause 5.3.1/EN 1728: 2012, 6.14
21.		Arm Rest Sideways Static Load Test	Cl. 7.4.5 of IS 17631: 2022, EN 1728: 2012, BS EN 1728: 2012, DIN EN 1728: 2014, BS EN 12727: 2016
22.		Foot Rest Static Load Test	Cl. 7.4.6 of IS 17631: 2022, EN 1728: 2012, BS EN 1728: 2012, DIN EN 1728: 2014, BS EN 12727: 2016
23.		Durability Tests	Cl. 7.5 of IS 17631: 2022, EN 1728: 2012, BS EN 1728: 2012, DIN EN 1728: 2014, BS EN 12727: 2016, BS EN 12520: 2024, EN 12520: 2024, DIN EN 12520: 2024
24.		Seat and Back Durability	Cl. 7.5.1 of IS 17631: 2022, EN 1728: 2012, BS EN 1728: 2012, DIN EN 1728: 2014, BS EN 12727: 2016
25.		Arm Rest Durability	Cl. 7.5.2 of IS 17631: 2022, EN 1728: 2012, BS EN 1728: 2012, DIN EN 1728: 2014, BS EN 12727: 2016

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Wood & Wood Products		
26.		Swivel Test	Cl. 7.5.3 of IS 17631: 2022, EN 1728: 2012, BS EN 1728: 2012, DIN EN 1728: 2014, BS EN 12727: 2016
27.		Foot-rest Durability	Cl. 7.5.4 of IS 17631: 2022, EN 1728: 2012, BS EN 1728: 2012, DIN EN 1728: 2014, BS EN 12727: 2016
28.		Shear and squeeze points	CL 5.1/5.2 BS EN 12520: 2024, EN 12520: 2024, DIN EN 12520: 2024, BS EN 12521: 2023, EN 12521: 2023, DIN EN 12521: 2024
29.	Work Chairs, Furniture- Office Chair/ public seating	Castor and Chair-Base Durability	Cl. 7.5.5 of IS 17631: 2022, EN 1728: 2012, BS EN 1728: 2012, DIN EN 1728: 2014, BS EN 12727: 2016
30.	General Purpose Chairs and Stools	Design and workmanship	Cl. 4 of IS 17632: 2022, EN 1728: 2012, BS EN 1728: 2012, DIN EN 1728: 2014, BS EN 12727: 2016
31.		Dimensions	Cl. 5 of IS 17632: 2022, EN 1728: 2012, BS EN 1728: 2012, DIN EN 1728: 2014, BS EN 12727: 2016, IS 3663: 2018

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Wood & Wood Products		
32.	General Purpose Chairs and Stools	Raw material Requirements	Cl. 6 of IS 17632: 2022, EN 1728: 2012, BS EN 1728: 2012, DIN EN 1728: 2014, BS EN 12727: 2016
33.		Safety Requirements	Cl. 7 of IS 17632: 2022, EN 1728: 2012, BS EN 1728: 2012, DIN EN 1728: 2014, BS EN 12727: 2016
34.		Stability Test	Cl. 7.2 of IS 17632: 2022, EN 1728: 2012, BS EN 1728: 2012, DIN EN 1728: 2014, BS EN 12727: 2016
35.		Forwards Overbalancing and Sideways Overbalancing for Chairs without Arms	Cl. 7.2.1 of IS 17632: 2022, EN 1728: 2012, BS EN 1728: 2012, DIN EN 1728: 2014, BS EN 12727: 2016
36.		Rearwards Overbalancing	Cl. 7.2.2 of IS 17632: 2022, EN 1728: 2012, BS EN 1728: 2012, DIN EN 1728: 2014, BS EN 12727: 2016
37.		Sideways Overbalancing for Chairs with Arms	Cl. 7.2.3 of IS 17632: 2022, EN 1728: 2012, BS EN 1728: 2012, DIN EN 1728: 2014, BS EN 12727: 2016
38.		Stools/ Poufs (All Directions)	Cl. 7.2.4 of IS 17632: 2022, EN 1728: 2012, BS EN 1728: 2012, DIN EN 1728: 2014, BS EN 12727: 2016

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Wood & Wood Products		
39.		Strength Test	Cl. 7.3 of IS 17632: 2022, EN 1728: 2012, BS EN 1728: 2012, DIN EN 1728: 2014, BS EN 12727: 2016
40.		Static Load Test	Cl. 7.3.1 of IS 17632: 2022, EN 1728: 2012, BS EN 1728: 2012, DIN EN 1728: 2014, BS EN 12727: 2016
41.		Seat static load test	Cl. 7.3.1.1 of IS 17632: 2022, EN 1728: 2012, BS EN 1728: 2012, DIN EN 1728: 2014, BS EN 12727: 2016
42.		Back static load test	Cl. 7.3.1.2 of IS 17632: 2022, EN 1728: 2012, BS EN 1728: 2012, DIN EN 1728: 2014, BS EN 12727: 2016
43.		Armrests/Wings sideways static load test	Cl. 7.3.1.3 of IS 17632: 2022, EN 1728: 2012, BS EN 1728: 2012, DIN EN 1728: 2014, BS EN 12727: 2016
44.	General Purpose Chairs and Stools	Arm downwards static load test	Cl. 7.3.1.4 of IS 17632: 2022, EN 1728: 2012, BS EN 1728: 2012, DIN EN 1728: 2014, BS EN 12727: 2016
45.		Leg forward static load test	Cl. 7.3.1.5 of IS 17632: 2022, EN 1728: 2012, BS EN 1728: 2012, DIN EN 1728: 2014, BS EN 12727: 2016

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Wood & Wood Products		
46.		Leg sideways static load test	Cl. 7.3.1.6 of IS 17632: 2022, EN 1728: 2012, BS EN 1728: 2012, DIN EN 1728: 2014, BS EN 12727: 2016
47.		Diagonal base load test	Cl. 7.3.1.7 of IS 17632: 2022, EN 1728: 2012, BS EN 1728: 2012, DIN EN 1728: 2014, BS EN 12727: 2016
48.		Foot rest static-load test	Cl. 7.3.1.8 of IS 17632: 2022, EN 1728: 2012, BS EN 1728: 2012, DIN EN 1728: 2014, BS EN 12727: 2016
49.		Impact Test	Cl. 7.3.2 of IS 17632: 2022, EN 1728: 2012, BS EN 1728: 2012, DIN EN 1728: 2014, BS EN 12727: 2016
50.		Seat impact test	Cl. 7.3.2.1 of IS 17632: 2022, EN 1728: 2012, BS EN 1728: 2012, DIN EN 1728: 2014, BS EN 12727: 2016
51.		Back impact test	Cl. 7.3.2.2 of IS 17632: 2022, EN 1728: 2012, BS EN 1728: 2012, DIN EN 1728: 2014, BS EN 12727: 2016
52.	General Purpose Chairs and Stools	Arm impact test	Cl. 7.3.2.3 of IS 17632: 2022, EN 1728: 2012, BS EN 1728: 2012, DIN EN 1728: 2014, BS EN 12727: 2016

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Wood & Wood Products		
53.		Drop test	Cl. 7.3.2.4 of IS 17632: 2022, EN 1728: 2012, BS EN 1728: 2012, DIN EN 1728: 2014, BS EN 12727: 2016
54.		Durability Tests	Cl. 7.4 of IS 17632: 2022, EN 1728: 2012, BS EN 1728: 2012, DIN EN 1728: 2014, BS EN 12727: 2016
55.		Seat Fatigue Test	Cl. 7.4.1 of IS 17632: 2022, EN 1728: 2012, BS EN 1728: 2012, DIN EN 1728: 2014, BS EN 12727: 2016
56.		Back Fatigue Test	Cl. 7.4.2 of IS 17632: 2022, EN 1728: 2012, BS EN 1728: 2012, DIN EN 1728: 2014, BS EN 12727: 2016
57.		Arm Rest Durability	Cl. 7.4.3 of IS 17632: 2022, EN 1728: 2012, BS EN 1728: 2012, DIN EN 1728: 2014, BS EN 12727: 2016
58.	Tables and Desks, Domestic Table	Design and workmanship	Cl. 4 of IS 17633: 2022
59.		Dimensions	Cl. 5 of IS 17633: 2022, IS 3663: 2018
60.		Raw material Requirements	Cl. 6 of IS 17633: 2022
61.	Tables and Desks, Domestic Table	Safety Requirements	Cl. 7 of IS 17633: 2022, EN 1730: 2012, BS EN 1730: 2012, DIN EN 1730: 2013

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Wood & Wood Products		
62.		Stability Test	Cl. 7.2 of IS 17633: 2022, EN 1730: 2012, BS EN 1730: 2012, DIN EN 1730: 2013
63.		Stability Under Vertical Load	Cl. 7.2.1 of IS 17633: 2022, EN 1730: 2012, BS EN 1730: 2012, DIN EN 1730: 2013
64.		Stability with Extension Elements Open	Cl. 7.2.2 of IS 17633: 2022, EN 1730: 2012, BS EN 1730: 2012, DIN EN 1730: 2013
65.		Stability Under Horizontal Load	Cl. 7.2.3 of IS 17633: 2022, EN 1730: 2012, BS EN 1730: 2012, DIN EN 1730: 2013
66.		Strength Tests	Cl. 7.3 of IS 17633: 2022, EN 1730: 2012, BS EN 1730: 2012, DIN EN 1730: 2013
67.		Strength under Vertical Static Force	Cl. 7.3.1 of IS 17633: 2022, EN 1730: 2012, BS EN 1730: 2012, DIN EN 1730: 2013
68.		Stated load	Cl. 7.3.1.1 of IS 17633: 2022, EN 1730: 2012, BS EN 1730: 2012, DIN EN 1730: 2013

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Wood & Wood Products		
69.	Tables and Desks, Domestic Table	For occasional heavy loads	Cl. 7.3.1.2 of IS 17633: 2022, EN 1730: 2012, BS EN 1730: 2012, DIN EN 1730: 2013
70.		Strength under horizontal static force	Cl. 7.3.2 of IS 17633: 2022, EN 1730: 2012, BS EN 1730: 2012, DIN EN 1730: 2013
71.		Durability Tests	Cl. 7.4 of IS 17633: 2022, EN 1730: 2012, BS EN 1730: 2012, DIN EN 1730: 2013
72.		Durability under Vertical Force	Cl. 7.4.1 of IS 17633: 2022, EN 1730: 2012, BS EN 1730: 2012, DIN EN 1730: 2013
73.		Durability of the Height Adjustment Mechanism	Cl. 7.4.2 of IS 17633: 2022, EN 1730: 2012, BS EN 1730: 2012, DIN EN 1730: 2013
74.		Durability and Stiffness Under Horizontal Force	Cl. 7.5 of IS 17633: 2022, EN 1730: 2012, BS EN 1730: 2012, DIN EN 1730: 2013
75.		General	Cl. 7.5.1 of IS 17633: 2022, EN 1730: 2012, BS EN 1730: 2012, DIN EN 1730: 2013

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Wood & Wood Products		
76.		Durability under Horizontal Force	Cl. 7.5.2 of IS 17633: 2022, EN 1730: 2012, BS EN 1730: 2012, DIN EN 1730: 2013
77.	Tables and Desks, Domestic Table	Stiffness of the Structure Under Horizontal Force	Cl. 7.5.3 of IS 17633: 2022, EN 1730: 2012, BS EN 1730: 2012, DIN EN 1730: 2013
78.		Vertical Impact Test	Cl. 7.6 of IS 17633: 2022, EN 1730: 2012, BS EN 1730: 2012, DIN EN 1730: 2013
79.		General	Cl. 7.6.1 of IS 17633: 2022, EN 1730: 2012, BS EN 1730: 2012, DIN EN 1730: 2013
80.		Vertical Impact Test for Glass Table Tops	Cl. 7.6.2 of IS 17633: 2022, EN 1730: 2012, BS EN 1730: 2012, DIN EN 1730: 2013
81.		Vertical Impact Test for All Other Table Tops	Cl. 7.6.3 of IS 17633: 2022, EN 1730: 2012, BS EN 1730: 2012, DIN EN 1730: 2013
82.		Deflection of Table Tops	Cl. 7.7 of IS 17633: 2022, EN 1730: 2012, BS EN 1730: 2012, DIN EN 1730: 2013

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Wood & Wood Products		
83.		Durability of Tables with Castors	Cl. 7.8 of IS 17633: 2022, EN 1730: 2012, BS EN 1730: 2012, DIN EN 1730: 2013
84.		Strength and durability requirement	EN 1730: 2012, BS EN 1730: 2012, DIN EN 1730: 2013
85.	Tables and Desks, Domestic Table	Drop Test	Cl. 7.9 of IS 17633: 2022, EN 1730: 2012, BS EN 1730: 2012, DIN EN 1730: 2013
86.	Storage Units, Domestic and Kitchen Storage units	Design and workmanship	Cl. 4 of IS 17634: 2022
87.		Dimensions	Cl. 5 of IS 17634: 2022
88.		Raw material Requirements	Cl. 6 of IS 17634: 2022
89.		Safety Test	Cl. 7 of IS 17634: 2022
90.		Shelves	Cl. 7.2.1 of IS 17634: 2022, EN 16122: 2012, BS EN 16122: 2012, DIN EN 16122: 2012, ISO 7170: 2021, BS ISO 7170: 2021
91.		General	Cl. 7.2.1.1 of IS 17634: 2022, EN 16122: 2012, BS EN 16122: 2012, DIN EN 16122: 2012, ISO 7170: 2021, BS ISO 7170: 2021

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Wood & Wood Products		
92.		Deflection of shelves	Cl. 7.2.1.2 of IS 17634: 2022, EN 16122: 2012, BS EN 16122: 2012, DIN EN 16122: 2012, ISO 7170: 2021, BS ISO 7170: 2021
93.	Storage Units, Domestic and Kitchen Storage units	Strength of shelf supports	Cl. 7.2.1.3 of IS 17634: 2022, EN 16122: 2012, BS EN 16122: 2012, DIN EN 16122: 2012, ISO 7170: 2021, BS ISO 7170: 2021, EN 16122: 2012, DIN EN 16122: 2012, ISO 7170: 2021, BS ISO 7170: 2021
94.		Tops and Bottoms	Cl. 7.2.2 of IS 17634: 2022, EN 16122: 2012, BS EN16122: 2012, DIN EN 16122: 2012, ISO 7170: 2021, BS ISO 7170: 2021
95.		Sustained load test for tops and bottoms	Cl. 7.2.2.1 of IS 17634: 2022, EN 16122: 2012, BS EN16122: 2012, DIN EN 16122: 2012, ISO 7170: 2021, BS ISO 7170: 2021
96.		Static load test for tops and bottoms	Cl. 7.2.2.2 of IS 17634: 2022, EN 16122: 2012, BS EN 16122: 2012, DIN EN 16122: 2012, ISO 7170: 2021, BS ISO 7170: 2021

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Wood & Wood Products		
97.		Strength of Clothes Rails and their Supports	Cl. 7.2.3 of IS 17634: 2022, EN 16122: 2012, BS EN 16122: 2012, DIN EN 16122: 2012, ISO 7170: 2021, BS ISO 7170: 2021
98.		Strength of clothes-rail supports	Cl. 7.2.3.1 of IS 17634: 2022, EN 16122: 2012, BS EN16122: 2012, DIN EN 16122: 2012, ISO 7170: 2021, BS ISO 7170: 2021
99.	Storage Units, Domestic and Kitchen Storage units	Dislodgement of clothes rails	Cl. 7.2.3.2 of IS 17634: 2022, EN 16122: 2012, BS EN16122: 2012, DIN EN 16122: 2012, ISO 7170: 2021, BS ISO 7170: 2021
100.		Strength of the Structure	Cl. 7.2.4 of IS 17634: 2022, EN 16122: 2012, BS EN16122: 2012, DIN EN 16122: 2012, ISO 7170: 2021, BS ISO 7170: 2021
101.		Test for structure and underframe	Cl. 7.2.4.1 of IS 17634: 2022, EN 16122: 2012, BS EN16122: 2012, DIN EN 16122: 2012, ISO 7170: 2021, BS ISO 7170: 2021
102.		Drop test	Cl. 7.2.4.2 of IS 17634: 2022, EN 16122: 2012, BS EN16122: 2012, DIN

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Wood & Wood Products		
	Storage Units, Domestic and Kitchen Storage units		EN 16122: 2012, ISO 7170: 2021, BS ISO 7170: 2021
103.		Tests for units with castors or wheels	Cl. 7.2.4.3 of IS 17634: 2022, EN 16122: 2012, BS EN16122: 2012, DIN EN 16122: 2012, ISO 7170: 2021, BS ISO 7170: 2021
104.		Pivoted Doors	Cl. 7.3.1 of IS 17634: 2022, EN 16122: 2012, BS EN16122: 2012, DIN EN 16122: 2012, ISO 7170: 2021, BS ISO 7170: 2021
105.		Strength of pivoted doors	Cl. 7.3.1.2 of IS 17634: 2022, EN 16122: 2012, BS EN16122: 2012, DIN EN 16122: 2012, ISO 7170: 2021, BS ISO 7170: 2021
106.		Slam-shut test of pivoted doors	Cl. 7.3.1.3 of IS 17634: 2022, EN 16122: 2012, BS EN16122: 2012, DIN EN 16122: 2012, ISO 7170: 2021, BS ISO 7170: 2021
107.		Durability of pivoted doors	Cl. 7.3.1.4 of IS 17634: 2022, EN 16122: 2012, BS EN16122: 2012, DIN EN 16122: 2012, ISO 7170: 2021, BS ISO 7170: 2021

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Wood & Wood Products		
108.		Sliding Doors and Horizontal Roll-fronts	Cl. 7.3.2 of IS 17634: 2022, EN 16122: 2012, BS EN16122: 2012, DIN EN 16122: 2012, ISO 7170: 2021, BS ISO 7170: 2021
109.		Slam shut/open test of sliding doors and horizontal roll-fronts	Cl. 7.3.2.2 of IS 17634: 2022, EN 16122: 2012, BS EN16122: 2012, DIN EN 16122: 2012, ISO 7170: 2021, BS ISO 7170: 2021
110.		Durability of sliding doors and horizontal roll-fronts	Cl. 7.3.2.3 of IS 17634: 2022, EN 16122: 2012, BS EN16122: 2012, DIN EN 16122: 2012, ISO 7170: 2021, BS ISO 7170: 2021
111.	Storage Units, Domestic and Kitchen Storage units	Flaps	Cl. 7.3.3 of IS 17634: 2022, EN 16122: 2012, BS EN16122: 2012, DIN EN 16122: 2012, ISO 7170: 2021, BS ISO 7170: 2021
112.		Strength of bottom-hinged flaps	Cl. 7.3.3.1 of IS 17634: 2022, EN 16122: 2012, BS EN16122: 2012, DIN EN 16122: 2012, ISO 7170: 2021, BS ISO 7170: 2021
113.		Durability of flaps	Cl. 7.3.3.2 of IS 17634: 2022, EN 16122: 2012, BS EN16122: 2012, DIN

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Wood & Wood Products		
			EN 16122: 2012, ISO 7170: 2021, BS ISO 7170: 2021
114.		Drop test for top-hinged flaps	Cl. 7.3.3.3 of IS 17634: 2022, EN 16122: 2012, BS EN16122: 2012, DIN EN 16122: 2012, ISO 7170: 2021, BS ISO 7170: 2021
115.		Vertical Roll-Fronts	Cl. 7.3.4 of IS 17634: 2022, EN 16122: 2012, BS EN16122: 2012, DIN EN 16122: 2012, ISO 7170: 2021, BS ISO 7170: 2021
116.		Slam shut/open test of vertical roll fronts	Cl. 7.3.4.1 of IS 17634: 2022, EN 16122: 2012, BS EN16122: 2012, DIN EN 16122: 2012, ISO 7170: 2021, BS ISO 7170: 2021
117.	Storage Units, Domestic and Kitchen Storage units	Durability of vertical roll-fronts	Cl. 7.3.4.2 of IS 17634: 2022, EN 16122: 2012, BS EN16122: 2012, DIN EN 16122: 2012, ISO 7170: 2021, BS ISO 7170: 2021
118.		Extension Elements	Cl. 7.3.5 of IS 17634: 2022, EN 16122: 2012, BS EN16122: 2012, DIN EN 16122: 2012, ISO 7170: 2021, BS ISO 7170: 2021

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Wood & Wood Products		
119.		Strength of extension elements	Cl. 7.3.5.2 of IS 17634: 2022, EN 16122: 2012, BS EN16122: 2012, DIN EN 16122: 2012, ISO 7170: 2021, BS ISO 7170: 2021
120.		Durability of extension elements	Cl. 7.3.5.3 of IS 17634: 2022, EN 16122: 2012, BS EN16122: 2012, DIN EN 16122: 2012, ISO 7170: 2021, BS ISO 7170: 2021
121.		Slam shut/open test of extension elements	Cl. 7.3.5.4 of IS 17634: 2022, EN 16122: 2012, BS EN16122: 2012, DIN EN 16122: 2012, ISO 7170: 2021, BS ISO 7170: 2021
122.		Displacement of extension element bottoms	Cl. 7.3.5.5 of IS 17634: 2022, EN 16122: 2012, BS EN16122: 2012, DIN EN 16122: 2012, ISO 7170: 2021, BS ISO 7170: 2021
123.	Storage Units, Domestic and Kitchen Storage units	Interlock test	Cl. 7.3.5.6 of IS 17634: 2022, EN 16122: 2012, BS EN16122: 2012, DIN EN 16122: 2012, ISO 7170: 2021, BS ISO 7170: 2021
124.		Locking and Latching Mechanism Tests	Cl. 7.3.6 of IS 17634: 2022, EN 16122: 2012, BS EN16122: 2012, DIN

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Wood & Wood Products		
			EN 16122: 2012, ISO 7170: 2021, BS ISO 7170: 2021
125.		Strength test for locking and latching mechanisms for extension elements	Cl. 7.3.6.2 of IS 17634: 2022, EN 16122: 2012, BS EN16122: 2012, DIN EN 16122: 2012, ISO 7170: 2021, BS ISO 7170: 2021
126.		Locking and latching mechanisms for doors, flaps and roll-fronts	Cl. 7.3.6.3 of IS 17634: 2022, EN 16122: 2012, BS EN16122: 2012, DIN EN 16122: 2012, ISO 7170: 2021, BS ISO 7170: 2021
127.		Durability test of locking and latching mechanisms	Cl. 7.3.6.4 of IS 17634: 2022, EN 16122: 2012, BS EN16122: 2012, DIN EN 16122: 2012, ISO 7170: 2021, BS ISO 7170: 2021
128.		Pull Force Test	Cl. 7.3.7 of IS 17634: 2022, EN 16122: 2012, BS EN16122: 2012, DIN EN 16122: 2012, ISO 7170: 2021, BS ISO 7170: 2021
129.	Storage Units, Domestic and Kitchen Storage units	Top Load Ease Cycle Test	Cl. 7.3.8 of IS 17634: 2022, EN 16122: 2012, BS EN16122: 2012, DIN EN 16122: 2012, ISO 7170: 2021, BS ISO 7170: 2021

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Wood & Wood Products		
130.		Durability Test for Units with Seating Surfaces – Cyclic Impact	Cl. 7.3.9 of IS 17634: 2022, EN 16122: 2012, BS EN16122: 2012, DIN EN 16122: 2012, ISO 7170: 2021, BS ISO 7170: 2021
131.		Drop Test – Dynamic – for Units with Seat Surfaces	Cl. 7.3.10 of IS 17634: 2022, EN 16122: 2012, BS EN16122: 2012, DIN EN 16122: 2012, ISO 7170: 2021, BS ISO 7170: 2021
132.		Units Mounted to the Building or Other Structure	Cl. 7.4 of IS 17634: 2022, EN 16122: 2012, BS EN16122: 2012, DIN EN 16122: 2012, ISO 7170: 2021, BS ISO 7170: 2021
133.		Units Not Supported by the Floor	Cl. 7.4.1 of IS 17634: 2022, EN 16122: 2012, BS EN16122: 2012, DIN EN 16122: 2012, ISO 7170: 2021, BS ISO 7170: 2021
134.		Movable parts, shelf supports, tops and bottoms	Cl. 7.4.1.2 of IS 17634: 2022, EN 16122: 2012, BS EN16122: 2012, DIN EN 16122: 2012, ISO 7170: 2021, BS ISO 7170: 2021
135.		Sustained load test (overload)	Cl. 7.4.1.3 of IS 17634: 2022, EN 16122: 2012, BS EN16122: 2012, DIN

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Wood & Wood Products		
	Storage Units, Domestic and Kitchen Storage units		EN 16122: 2012, ISO 7170: 2021, BS ISO 7170: 2021
136.		Dislodgement test	Cl. 7.4.1.4 of IS 17634: 2022, EN 16122: 2012, BS EN16122: 2012, DIN EN 16122: 2012, ISO 7170: 2021, BS ISO 7170: 2021
137.		Units Supported by the Floor	Cl. 7.4.2 of IS 17634: 2022, EN 16122: 2012, BS EN16122: 2012, DIN EN 16122: 2012, ISO 7170: 2021, BS ISO 7170: 2021
138.		Stability Tests	Cl. 7.5 of IS 17634: 2022, EN 16122: 2012, BS EN16122: 2012, DIN EN 16122: 2012, ISO 7170: 2021, BS ISO 7170: 2021
139.		Doors, Extension Elements and Flaps Closed, All Storage Units Unloaded	Cl. 7.5.2 of IS 17634: 2022, EN 16122: 2012, BS EN16122: 2012, DIN EN 16122: 2012, ISO 7170: 2021, BS ISO 7170: 2021
140.		Units that can be adjusted to a Height of 1 000 mm or less	Cl. 7.5.2.1 of IS 17634: 2022, EN 16122: 2012, BS EN 16122: 2012, DIN EN 16122: 2012, ISO 7170: 2021, BS ISO 7170: 2021

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Wood & Wood Products		
141.	Storage Units, Domestic and Kitchen Storage units	Units that can be adjusted to a Height of more than 1000 mm	Cl. 7.5.2.2 of IS 17634: 2022, EN 16122: 2012, BS EN16122: 2012, DIN EN 16122: 2012, ISO 7170: 2021, BS ISO 7170: 2021
142.		Opening Doors, Extension Elements and Flaps, All Storage Units Unloaded	Cl. 7.5.3 of IS 17634: 2022, EN 16122: 2012, BS EN 16122: 2012, DIN EN 16122: 2012, ISO 7170: 2021, BS ISO 7170: 2021
143.		Doors, Extension Elements and Flaps Opened and Unlocked	Cl. 7.5.4 of IS 17634: 2022,EN 16122: 2012, BS EN 16122: 2012, DIN EN 16122: 2012, ISO 7170: 2021, BS ISO 7170: 2021
144.		All storage areas unloaded and all doors, extension elements and flaps open	Cl. 7.5.4.1 of IS 17634: 2022, EN 16122: 2012, BS EN 16122: 2012, DIN EN 16122: 2012, ISO 7170: 2021, BS ISO 7170: 2021
145.		All storage areas unloaded with overturning load	Cl. 7.5.4.2 of IS 17634: 2022, EN 16122: 2012, BS EN 16122: 2012, DIN EN 16122: 2012, ISO 7170: 2021, BS ISO 7170: 2021
146.		All storage areas loaded with overturning load	Cl. 7.5.4.3 of IS 17634: 2022, EN 16122: 2012, BS EN

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Wood & Wood Products		
			16122: 2012, DIN EN 16122: 2012, ISO 7170: 2021, BS ISO 7170: 2021
147.	Storage Units, Domestic and Kitchen Storage units	Doors, Extension Elements and Flaps Closed and Locked, All Storage Units Loaded	Cl. 7.5.5 of IS 17634: 2022, EN 16122: 2012, BS EN 16122: 2012, DIN EN 16122: 2012, ISO 7170: 2021, BS ISO 7170: 2021
148.		Vertical Force Stability Test for Storage Units	Cl. 7.5.6 of IS 17634: 2022, EN 16122: 2012, BS EN 16122: 2012, DIN EN 16122: 2012, ISO 7170: 2021, BS ISO 7170: 2021
149.		Stability Test for Pedestals/Storage Units with Seat Surfaces	Cl. 7.5.7 of IS 17634: 2022, EN 16122: 2012, BS EN 16122: 2012, DIN EN 16122: 2012, ISO 7170: 2021, BS ISO 7170: 2021
150.		Dynamic Stability Test for Units with Castors	Cl. 7.5.8 of IS 17634: 2022, EN 16122: 2012, BS EN 16122: 2012, DIN EN 16122: 2012, ISO 7170: 2021, BS ISO 7170: 2021
151.		General safety requirements	(Clause 5.2) BS EN 14749:2016, EN 14749: 2016, DIN EN 14749: 2016, EN 16122: 2012, BS EN 16122: 2012, DIN EN 16122: 2012, ISO 7170: 2021, BS ISO 7170: 2021

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Wood & Wood Products		
152.	Storage Units, Domestic and Kitchen Storage units	Principles of safety requirements	(Clause 5.1) BS EN 14749:2016, EN 14749: 2016
153.		Stability	(Clause 5.4) BS EN 14749:2016, EN 14749: 2016, DIN EN 14749: 2016
154.		Structural safety requirements	(Clause 5.3) BS EN 14749:2016, EN 14749: 2016, DIN EN 14749: 2016
155.		Floor standing units intended to be attached to the building	(Clause 5.5) BS EN 14749:2016, EN 14749: 2016, DIN EN 14749: 2016
156.		vertical class components	(Clause 5.6) BS EN 14749:2016, EN 14749: 2016, DIN EN 14749: 2016
157.		Strength Test for Wall Attachments	Cl. 7.5.9 of IS 17634: 2022, EN 16122: 2012, BS EN 16122: 2012, DIN EN 16122: 2012, ISO 7170: 2021, BS ISO 7170: 2021
158.	Beds	Design and workmanship	Cl. 4 of IS 17635: 2022
159.		Dimensions	Cl. 5 of IS 17635: 2022
160.		Raw material Requirements	Cl. 6 of IS 17635: 2022
161.		Safety Requirements	Cl. 7 of IS 17635: 2022, EN 1725: 2023, BS EN 1725: 2023, DIN EN 1725: 2024

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Wood & Wood Products		
162.		Stability Test	Cl. 7.3 & Cl. 7.3.1 of IS 17635: 2022, ISO 19833:2018, EN 1725: 2023, BS EN 1725: 2023, DIN EN 1725: 2024
163.	Beds	Vertical Static Load Tests	Cl. 7.4 of IS 17635: 2022, ISO 19833:2018, EN 1725: 2023, BS EN 1725: 2023, DIN EN 1725: 2024,
164.		Vertical Static Load on Bed Base	Cl. 7.4.1 of IS 17635: 2022, ISO 19833:2018, EN 1725: 2023, BS EN 1725: 2023, DIN EN 1725: 2024,
165.		Vertical Static Load on Side Rail	Cl. 7.4.2 of IS 17635: 2022, ISO 19833:2018, EN 1725: 2023, BS EN 1725: 2023, DIN EN 1725: 2024,
166.		Horizontal Static Load Tests	Cl. 7.5 of IS 17635: 2022, ISO 19833:2018, EN 1725: 2023, BS EN 1725: 2023, DIN EN 1725: 2024,
167.		Horizontal Static Load on Headboard	Cl. 7.5.1 of IS 17635: 2022, ISO 19833:2018, EN 1725: 2023, BS EN 1725: 2023, DIN EN 1725: 2024,
168.		Horizontal Static Load Test of Beds Without Headboard	Cl. 7.5.2 of IS 17635: 2022, ISO 19833:2018, EN 1725: 2023, BS EN 1725: 2023, DIN EN 1725: 2024,

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Wood & Wood Products		
169.		Durability Tests	Cl. 7.6 of IS 17635: 2022, ISO 19833:2018, EN 1725: 2023, BS EN 1725: 2023, DIN EN 1725: 2024,
170.		Vertical Durability Test of Bed Base	Cl. 7.6.1 of IS 17635: 2022, ISO 19833:2018, EN 1725: 2023, BS EN 1725: 2023, DIN EN 1725: 2024,
171.	Beds	Horizontal Durability Test of Bed Frame	Cl. 7.6.2 of IS 17635: 2022, ISO 19833:2018, EN 1725: 2023, BS EN 1725: 2023, DIN EN 1725: 2024,
172.		Horizontal Durability Test of Headboards	Cl. 7.6.3 of IS 17635: 2022, ISO 19833:2018, EN 1725: 2023, BS EN 1725: 2023, DIN EN 1725: 2024,
173.		Vertical Impact Test	Cl. 7.7 of IS 17635: 2022, ISO 19833:2018, EN 1725: 2023,BS EN 1725: 2023, DIN EN 1725: 2024
174.		Durability of Storage Elements in Beds	Cl. 8 of IS 17635: 2022
175.		Mechanisms for Lifting Bed Bases	Cl. 8.1 of IS 17635: 2022
176.		General	Cl. 8.1.1 of IS 17635: 2022, CL 6.1 of EN 1725: 2023

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Wood & Wood Products		
177.		Durability of Mechanisms for Lifting Bed Bases	Cl. 8.1.2 of IS 17635: 2022,ISO 19833:2018, EN 1725: 2023,BS EN 1725: 2023, DIN EN 1725: 2024,
178.		Extendable Storage Elements	Cl. 8.2 of IS 17635: 2022
179.		General	Cl. 8.2.1 of IS 17635: 2022
180.		Shear and compression points	CL 6.3 of EN 1725: 2023,BS EN 1725: 2023, DIN EN 1725: 2024
181.	Beds	Entanglement hazards	CL 6.4 of EN 1725: 2023, BS EN 1725: 2023, DIN EN 1725: 2024
182.		Durability of electrically operated bed mechanism	CL 6.5 of EN 1725: 2023, BS EN 1725: 2023, DIN EN 1725: 2024
183.		Stability, strength and durability	CL 6.6 of EN 1725: 2023, BS EN 1725: 2023, DIN EN 1725: 2024
184.		Durability of sofa-bed function	EN 13759:2012, EN 1725: 2023, BS EN 1725: 2023, DIN EN 1725: 2024
185.		Durability of Extendable Storage Elements	Cl. 8.2.2 of IS 17635: 2022
186.	Bunk Beds	Design and workmanship	Cl. 4 of IS 17636: 2021
187.		Dimensions	Cl. 5 of IS 17636: 2021
188.		Surface performance (of materials)	Cl. 6 of IS 17636: 2021

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Wood & Wood Products		
189.		Safety Requirements	Cl. 7 of IS 17636: 2021
190.		Top Bed Safety Barriers	Cl. 7.2 of IS 17636: 2021
191.		Gaps	Cl. 7.3 of IS 17636: 2021
192.		Bed Base	Cl. 7.4 of IS 17636: 2021
193.		Ladder	Cl. 7.5 of IS 17636: 2021
194.		Strength of Frame and Fastenings	Cl. 7.6 of IS 17636: 2021
195.		Stability	Cl. 7.7 of IS 17636: 2021
196.	Bunk Beds	Fastening of Upper Bed to Lower Bed	Cl. 7.8 of IS 17636: 2021
197.	Furniture, Wood & Wood Products	Pencil hardness	Annex C of IS 17637: 2021/, IS 17631: 2022, IS 17632: 2022, IS 17633: 2022, IS 17634: 2022, IS 17635: 2022, IS 17636: 2021
198.		Resistance to wet heat	IS 17639:2021, IS 17637: 2021/, EN 12721: 2009:2013, IS 17631: 2022, IS 17632: 2022, IS 17633: 2022, IS 17634: 2022, IS 17635: 2022, IS 17636: 2021
199.		Resistance to dry heat	IS 17638:2021, IS 17637: 2021/ EN 12722:2009:2013, IS 17631: 2022, IS

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	Wood & Wood Products		
			17632: 2022, IS 17633: 2022, IS 17634: 2022, IS 17635: 2022, IS 17636: 2021
200.		Resistance to marking by cold liquids	IS 17640:2021, IS 17637: 2021/ EN 12720: 2009:2014, IS 17631: 2022, IS 17632: 2022, IS 17633: 2022, IS 17634: 2022, IS 17635: 2022, IS 17636: 2021
201.		Resistance to marking by cold oils and fats	IS 17640:2021, IS 17637: 2021/ IS 17631: 2022, IS 17632: 2022, IS 17633: 2022, IS 17634: 2022, IS 17635: 2022, IS 17636: 2021
202.	Furniture, Wood & Wood Products	Adhesive performance	Annex D of IS 17637: 2021/IS 17631: 2022, IS 17632: 2022, IS 17633: 2022, IS 17634: 2022, IS 17635: 2022, IS 17636: 2021
203.	Plastic chairs for general purposes	Safety Requirements	EN/BS EN 581-1: 2017:2017
204.		Safety, Strength and Durability for seating	EN/BS EN 581-2:2015
205.		Horizontal fatigue test	EN/BS EN 581-3:2017
206.		Stability	EN/BS EN 581-3:2017
207.		Vertical static load test	EN/BS EN 581-3:2017

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	Wood & Wood Products		
208.		Material	IS 13713:2021
209.		Dimensions	IS 13713:2021
210.		Mass	IS 13450 (Part 1): 2024, IS 13713:2021
211.		Workmanship And Finish	IS 13450 (Part 1): 2024, IS 13713:2021
212.		Strength Test	IS 13450 (Part 1): 2024, IS 13713:2021
213.		Stability Test	IS 13450 (Part 1): 2024, IS 13713:2021
214.	Plastic chairs for general purposes	Free Fall Drop Test	IS 13450 (Part 1): 2024, IS 13713:2021
215.		Static Load Test for Leg Slippage and Distortion	IS 13450 (Part 1): 2024, IS 13713:2021
216.		Handle Impact Test	IS 13450 (Part 1): 2024, IS 13713:2021
217.		Vibration Test	IS 13450 (Part 1): 2024, IS 13713:2021
218.		Rigidity Test for Chair Shell	IS 13450 (Part 1): 2024, IS 13713:2021
219.		Colour Fastness to Daylight	IS 13450 (Part 1): 2024, IS 13713:2021

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Wood & Wood Products		
220.		Determination of Flammability by Oxygen Index	IS 13450 (Part 1): 2024, IS 13713:2021
221.	Storage units	Concentrated functional load test	ANSI /BIFMA X5.9:2019, clause 4.2
222.		Distributed functional load test	ANSI /BIFMA X5.9:2019, clause 4.3
223.		Concentrated proof load test	ANSI /BIFMA X5.9:2019, clause 4.4
224.		Distributed proof load test	ANSI /BIFMA X5.9:2019, clause 4.5
225.		Extendible Element functional load tests	ANSI /BIFMA X5.9:2019, clause 4.6.2
226.	Storage units	Extendible Element proof load tests	ANSI /BIFMA X5.9:2019, clause 4.6.3
227.		Leg /Glide assembly strength test	ANSI /BIFMA X5.9:2019, clause 5
228.		Racking resistance test	ANSI /BIFMA X5.9:2019, clause 6
229.		Top Load ease cycle test	ANSI /BIFMA X5.9:2019, clause 7.1
230.		Drop test-Dynamic –for units with seat surfaces	ANSI /BIFMA X5.9:2019, clause 7.2
231.		Durability test for units with seating surfaces-cyclic impact	ANSI /BIFMA X5.9:2019, clause 7.3
232.		Durability test for units with seating surfaces-cyclic impact	ANSI /BIFMA X5.9:2019, clause 7.3

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Wood & Wood Products		
233.		Separation Test for Tall Storage Units with Vertically Attached or Stackable Components	ANSI/ BIFMA X5.9:2019 Sec. 8.1
234.		Upward Impact Force Disengagement Test for Storage Components	ANSI/ BIFMA X5.9:2019 Sec. 8.2
235.		Upward Force Static Disengagement Test for Storage Components	ANSI/ BIFMA X5.9:2019 Sec. 8.3
236.	Storage units	Stability test for type 1 units with at least one Extendible element	ANSI /BIFMA X5.9:2019, clause 9.3
237.		Stability test for type 1 storage units with multiple Extendible element	ANSI /BIFMA X5.9:2019, clause 9.4
238.		Stability test for type II storage units with Extendible element	ANSI /BIFMA X5.9:2019, clause 9.5
239.		Vertical force stability test for storage units	ANSI /BIFMA X5.9:2019, clause 9.6
240.		Stability test for pedestals/storage units with seat surfaces	ANSI /BIFMA X5.9:2019, clause 9.7

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Wood & Wood Products		
241.		Storage unit drop test	ANSI /BIFMA X5.9:2019, clause 10
242.		Movement Durability test for Mobile storage units	ANSI /BIFMA X5.9:2019, clause 11
243.		Extendible element retention impact and durability test	ANSI /BIFMA X5.9:2019, clause 13
244.		Force test for extendible element Locks	ANSI /BIFMA X5.9:2019, clause 14.2
245.		Force test for Door Locks	ANSI /BIFMA X5.9:2019, clause 14.3
246.		Extendible element cycle tests	ANSI /BIFMA X5.9:2019, clause 15
247.		Interlock strength test	ANSI /BIFMA X5.9:2019, clause 16
248.	Storage units	Wear and fatigue test for vertical receding door	ANSI /BIFMA X5.9:2019, clause 17.7
249.		Wear and fatigue test for vertical receding door	ANSI /BIFMA X5.9:2019, clause 17.8
250.		Drop test for Horizontally hinged and horizontally receding doors -cyclic	ANSI /BIFMA X5.9:2019, clause 17.11
251.		Clothes rail static Loading test	ANSI /BIFMA X5.9:2019, clause 18
252.		Latch test	ANSI /BIFMA X5.9:2019, clause 19
253.		Pull force test	ANSI /BIFMA X5.9:2019, clause 20
254.	Educational Seating	Stability Tests	ANSI /BIFMA X6.1: 2018, clause 5

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Wood & Wood Products		
255.		Rear Stability Test for Size C Chairs	ANSI /BIFMA X6.1: 2018, clause 5.3.1
256.		Rear Stability Test for Size B Chairs	ANSI /BIFMA X6.1: 2018, clause 5.3.2
257.		Rear Stability Test for Size A Chairs	ANSI /BIFMA X6.1: 2018, clause 5.3.3
258.		Front Stability	ANSI /BIFMA X6.1: 2018, clause 5.4
259.		Front Stability for Convertible Bench Tables	ANSI /BIFMA X6.1: 2018, clause 5.5
260.		Side Stability test for Convertible Bench Tables	ANSI /BIFMA X6.1: 2018, clause 5.6
261.	Educational Seating	Front and Side Stability for Chair Desks	ANSI /BIFMA X6.1: 2018, clause 5.7
262.		Backrest Strength Test - Static	ANSI /BIFMA X6.1: 2018, clause 6
263.		Backrest Durability Test - Cyclic	ANSI /BIFMA X6.1: 2018, clause 7
264.		Drop Test – Dynamic	ANSI /BIFMA X6.1: 2018, clause 8
265.		Seat Static Loading Test for Chair Desks and Fixed-Tablet Arm Chairs	ANSI /BIFMA X6.1: 2018, clause 9
266.		Seating Durability Tests - Cyclic	ANSI /BIFMA X6.1: 2018, clause 10

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Wood & Wood Products		
267.		Impact Test for Chairs and Convertible Bench-tables	ANSI /BIFMA X6.1: 2018, clause 10.3.1
268.		Front Corner Load-Ease Test – Cyclic – Off-centre	ANSI /BIFMA X6.1: 2018, clause 10.3.2
269.		Load-Ease (Simulated Impact2) Test for chair-desks and fixed-tablet arm chairs	ANSI /BIFMA X6.1: 2018, clause 10.4
270.		Arm Strength Test - Vertical - Static	ANSI /BIFMA X6.1: 2018, clause 11
271.		Arm Strength Test - Horizontal - Static	ANSI /BIFMA X6.1: 2018, clause 12
272.		Arm Durability Test - Angular - Cyclic	ANSI /BIFMA X6.1: 2018, clause 13
273.	Educational Seating	Caster/Chair Base Durability Test - Cyclic	ANSI /BIFMA X6.1: 2018, clause 14
274.		Caster/Chair Base Durability Test for Pedestal Base Chairs	ANSI /BIFMA X6.1: 2018, clause 14.1
275.		Caster/Chair Frame Durability Test for Non-Pedestal Chairs with Casters	ANSI /BIFMA X6.1: 2018, clause 14.2
276.		Durability Test for Convertible Bench Tables with Casters	ANSI /BIFMA X6.1: 2018, clause 15

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Wood & Wood Products		
277.		Leg Strength Test - Front Load Test	ANSI /BIFMA X6.1: 2018, clause 16.3
278.		Leg Strength Test - Side Load Test	ANSI /BIFMA X6.1: 2018, clause 16.4
279.		Structural Member Strength Test	ANSI /BIFMA X6.1: 2018, clause 17
280.		Swivel Test	ANSI /BIFMA X6.1: 2018, clause 18
281.		Tablet Arm Test - Front Stability	ANSI /BIFMA X6.1: 2018, clause 19
282.		Tablet Arm Test - Static	ANSI /BIFMA X6.1: 2018, clause 20
283.		Tablet Arm Load Ease Test - Cyclic	ANSI /BIFMA X6.1: 2018, clause 21
284.	Educational Seating	Chair Desk and Table Top Horizontal Surface Vertical Load Tests	ANSI /BIFMA X6.1: 2018, clause 22
285.		Concentrated Functional Load Test	ANSI /BIFMA X6.1: 2018, clause 22.3
286.		Distributed Functional Load Test	ANSI /BIFMA X6.1: 2018, clause 22.4
287.		Concentrated Proof Load Test	ANSI /BIFMA X6.1: 2018, clause 22.5
288.		Distributed Proof Load Test	ANSI /BIFMA X6.1: 2018, clause 22.6

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Wood & Wood Products		
289.		Chair Desk and Convertible Bench Table Top Load Ease Test - Cyclic	ANSI /BIFMA X6.1: 2018, clause 23
290.		Static Loading of Storage (Backpack) Hooks & Unit Stability	ANSI /BIFMA X6.1: 2018, clause 24
291.	Occasional use seat	Backrest Strength Test - Horizontal - Static	ANSI /BIFMA X6.4: 2021, clause 5
292.		Backrest Strength Test - Vertical - Static	ANSI /BIFMA X6.4: 2021, clause 6
293.		Backrest Durability Test - Horizontal - Cyclic	ANSI /BIFMA X6.4: 2021, clause 7
294.		Backrest Durability Test - Vertical - Cyclic	ANSI /BIFMA X6.4: 2021, clause 8
295.	Occasional use seat	Arm Strength Test - Horizontal - Static	ANSI /BIFMA X6.4: 2021, clause 9
296.		Arm Strength Test - Vertical - Static	ANSI /BIFMA X6.4: 2021, clause 10
297.		Arm Durability Test for Multiple Seating Units - Horizontal - Cyclic	ANSI /BIFMA X6.4: 2021, clause 11

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Wood & Wood Products		
298.		Arm Durability Test for Multiple Seating Units - Vertical - Cyclic	ANSI /BIFMA X6.4: 2021, clause 12
299.		Arm Durability Test for Single Seat Units - Angular - Cyclic	ANSI /BIFMA X6.4: 2021, clause 13
300.		Seating Durability Tests - Cyclic	ANSI /BIFMA X6.4: 2021, clause 14
301.		Drop Test - Dynamic	ANSI /BIFMA X6.4: 2021, clause 15
302.		Leg Strength Test - Front and Side	ANSI /BIFMA X6.4: 2021, clause 16
303.		Leg Strength Test - Front Load Test	ANSI /BIFMA X6.4: 2021, clause 16.3
304.		Leg Strength Test - Side Load Test	ANSI /BIFMA X6.4: 2021, clause 16.4
305.		Unit Drop Test - Dynamic	ANSI /BIFMA X6.4: 2021, clause 17
306.		Caster/Unit Base Durability Test - Cyclic	ANSI /BIFMA X6.4: 2021, clause 18
307.	Occasional use seat	Caster/Unit Base Durability Test for Pedestal Base Units	ANSI /BIFMA X6.4: 2021, clause 18.1
308.		Caster/Unit Frame Durability Test for Units with Legs	ANSI /BIFMA X6.4: 2021, clause 18.2
309.		Swivel Test - Cyclic	ANSI /BIFMA X6.4: 2021, clause 19

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Wood & Wood Products		
310.		Tilt / rocker / glider Mechanism Test - Cyclic	ANSI /BIFMA X6.4: 2021, clause 20
311.		Stability Tests	ANSI /BIFMA X6.4: 2021, clause 21
312.		Rear Stability for Non-tilting Units	ANSI /BIFMA X6.4: 2021, clause 21.3
313.		Rear Stability Test for Tilting Units	ANSI /BIFMA X6.4: 2021, clause 21.4
314.		Front Stability for Units Less than 36.3 kg (80 lbs.)	ANSI /BIFMA X6.4: 2021, clause 21.5
315.		Front Stability for Units Greater Than or Equal to 36.3 kg (80 lbs.)	ANSI /BIFMA X6.4: 2021, clause 21.6
316.		Tablet Arm Load Ease Test - Cyclic	ANSI /BIFMA X6.4: 2021, clause 22
317.		Tablet Arm Load Test - Static	ANSI /BIFMA X6.4: 2021, clause 23
318.		Structural Durability Test – Side-to-Side - Cyclic	ANSI /BIFMA X6.4: 2021, clause 24
319.	Occasional use seat	Cycle Test for Recliners-Backrest and/or Largest Mechanism Durability	ANSI /BIFMA X6.4: 2021, clause 25
320.		Leg rest Strength Test – Static Load	ANSI /BIFMA X6.4: 2021, clause 26

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Wood & Wood Products		
321.		Footrest Static Load Test for Stools - Vertical	ANSI /BIFMA X6.4: 2021, clause 27
322.		Footrest Durability Test for Stools – Vertical - Cyclic	ANSI /BIFMA X6.4: 2021, clause 28
323.	Outdoor furniture-seating and tables for camping domestic and contract use –General safety requirement	General	EN 581-1: 2017, Clause 5.1
324.		Tubular components	EN 581-1: 2017, Clause 5.2
325.		Shear and squeeze points	EN 581-1: 2017, Clause 5.3
326.		General	EN 581-3: 2017, Clause 5.1
327.		Vertical static load test	EN 581-3: 2017, Clause 5.2.1 /EN 1730: 2012, 6.3.1
328.		Additional Vertical static load test	EN 581-3: 2017, Clause 5.2.1 /EN 1730: 2012, 6.3.2
329.		Vertical static load on ancillary surface	EN 581-3: 2017, Clause 5.2.1 /EN 1730: 2012, 6.3.3
330.		Horizontally durability test	EN 581-3: 2017, Clause 5.2.1 /EN 1730: 2012, 6.4.2
331.		Stability under vertical load	EN 581-3: 2017, Clause 5.2.1 /EN 1730: 2012, 7.2
332.	Outdoor furniture-seating and tables for camping domestic	Stability for tables with extension elements	EN 581-3: 2017, Clause 5.2.1 /EN 1730: 2012, 7.3
333.		Stability for tables designed to support a parasol	EN 581-3: 2017, Clause 5.2.1 /EN 1730: 2012, 7.4

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Wood & Wood Products		
	and contract use –General safety requirement		
334.	Furniture	Static load test for tops and bottoms Level 2	BS 4875 -7: 2016 Sec 5 / ISO 7170: 2021 Sec. 6.2.2
335.		Static load test for tops and bottoms Levels 2,3,4,5	BS 4875 -7: 2016 Sec 5 / ISO 7170: 2021 Sec. 6.2.2
336.		Sustained load test for tops and bottoms Levels 1, 2	BS 4875 -7: 2016 Sec 5/ ISO 7170: 2021 Sec. 6.2.1
337.		Sustained load test for tops and bottoms Levels 3,4,5	BS 4875 -7: 2016 Sec 5/ ISO 7170: 2021 Sec. 6.2.1
338.		Strength of Shelf Supports, Each Level	BS 4875 -7: 2016 Sec 5/ ISO 7170: 2021 Sec. 6.1.4
339.		Deflection of Shelves Levels 1, 2	BS 4875 -7: 2016 Sec 5/ ISO 7170: 2021 Sec. 6.1.3
340.		Deflection of Shelves Levels 3,4,5	BS 4875 -7: 2016 Sec 5/ ISO 7170: 2021 Sec. 6.1.3
341.		Strength Clothes Rail Supports, Each Level	BS 4875 -7: 2016 Sec 5/ ISO 7170: 2021 Sec. 6.3.1
342.		Dislodgement of Clothes Rails, Each Level	BS 4875 -7: 2016 Sec 5/ ISO 7170: 2021 Sec. 6.3.2
343.	Furniture	Vertical Load on Pivoted doors Level 1	BS 4875 -7: 2016 Sec 5/ ISO 7170: 2021 Sec. 7.1.2.1

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Wood & Wood Products		
344.		Vertical Load on Pivoted doors Levels 2,3,4,5	BS 4875 -7: 2016 Sec 5/ ISO 7170: 2021 Sec. 7.1.2.1
345.		Horizontal Load on Pivoted doors Level 2	BS 4875 -7: 2016 Sec 5/ ISO 7170: 2021 Sec. 7.1.2.2
346.		Horizontal Load on Pivoted doors Level 3,4,5	BS 4875 -7: 2016 Sec 5/ ISO 7170: 2021 Sec. 7.1.2.2
347.		Durability of Sliding Doors and Horizontal Roll Fronts Level 1	BS 4875 -7: 2016 Sec 5/ ISO 7170: 2021 Sec. 7.2.3
348.		Durability of Sliding Doors and Horizontal Roll Fronts Levels 2,3,4,5	BS 4875 -7: 2016 Sec 5/ ISO 7170: 2021 Sec. 7.2.3
349.		Slam Shut Test - Pivoted Doors Levels 3,4,5	BS 4875 -7: 2016 Sec 5/ ISO 7170: 2021 Sec. 7.1.3
350.		Durability - Pivoted Doors Level 1	BS 4875 -7: 2016 Sec 5/ ISO 7170: 2021 Sec. 7.1.4
351.		Durability - Pivoted Doors Levels 2,3,4,5	BS 4875 -7: 2016 Sec 5/ ISO 7170: 2021 Sec. 7.1.4
352.		Slam Shut/open of sliding doors and Horizontal Roll fronts Levels 1, 2	BS 4875 -7: 2016 Sec 5/ ISO 7170: 2021 Sec. 7.2.2

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Wood & Wood Products		
353.	Furniture	Slam Shut/open of sliding doors and Horizontal Roll fronts Levels 3,4,5	BS 4875 -7: 2016 Sec 5/ ISO 7170: 2021 Sec. 7.2.2
354.		Strength of Bottom Hinged Flaps Level 1	BS 4875 -7: 2016 Sec 5/ ISO 7170: 2021 Sec. 7.3.1
355.		Strength of Bottom Hinged Flaps Levels 2,3,4,5	BS 4875 -7: 2016 Sec 5/ ISO 7170: 2021 Sec. 7.3.1
356.		Durability of Flaps Level 1	BS 4875 -7: 2016 Sec 5/ ISO 7170: 2021 Sec. 7.3.2
357.		Durability of Flaps Levels 2,3,4,5	BS 4875 -7: 2016 Sec 5/ ISO 7170: 2021 Sec. 7.3.2
358.		Drop Test Top Hinged Flaps Level 2	BS 4875 -7: 2016 Sec 5/ ISO 7170: 2021 Sec. 7.3.3
359.		Drop Test Top Hinged Flaps Level 3,4,5	BS 4875 -7: 2016 Sec 5/ ISO 7170: 2021 Sec. 7.3.3
360.		Durability of Vertical Roll Fronts Level 1	BS 4875 -7: 2016 Sec 5/ ISO 7170: 2021 Sec. 7.4.2
361.		Durability of Vertical Roll Fronts Level 2,3,4,5	BS 4875 -7: 2016 Sec 5/ ISO 7170: 2021 Sec. 7.4.2
362.		Slam Shut and Open of Vertical Roll Fronts Level 1,2	BS 4875 -7: 2016 Sec 5/ ISO 7170: 2021 Sec. 7.4.1

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Wood & Wood Products		
363.		Slam Shut and Open of Vertical Roll Fronts Level 3,4,5	BS 4875 -7: 2016 Sec 5/ ISO 7170: 2021 Sec. 7.4.1
364.	Furniture	Strength of Extension elements Level 1	BS 4875 -7: 2016 Sec 5/ ISO 7170: 2021 Sec. 7.5.2
365.		Strength of Extension elements Level 2,3,4,5	BS 4875 -7: 2016 Sec 5/ ISO 7170: 2021 Sec. 7.5.2
366.		Durability of Extension Elements Level 1	BS 4875 -7: 2016 Sec 5/ ISO 7170: 2021 Sec. 7.5.3
367.		Durability of Extension Elements Level 2,3,4,5	BS 4875 -7: 2016 Sec 5/ ISO 7170: 2021 Sec. 7.5.3
368.		Slam open/shut test of Extension elements Level 1	BS 4875 -7: 2016 Sec 5/ ISO 7170: 2021 Sec. 7.5.4
369.		Slam open/shut test of Extension elements Level 2,3,4,5	BS 4875 -7: 2016 Sec 5/ ISO 7170: 2021 Sec. 7.5.4
370.		Displacement of Extension element Bottoms Level 1	BS 4875 -7: 2016 Sec 5/ ISO 7170: 2021 Sec. 7.5.5
371.		Displacement of Extension element Bottoms Levels 2,3,4,5	BS 4875 -7: 2016 Sec 5/ ISO 7170: 2021 Sec. 7.5.5
372.		Interlock Test each level	BS 4875 -7: 2016 Sec 5/ ISO 7170: 2021 Sec. 7.5.6

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Wood & Wood Products		
373.		Strength Test for Locking and Latching Mechanisms- Extension Elements, Each Level	BS 4875 -7: 2016 Sec 5/ ISO 7170: 2021 Sec. 7.6.2
374.	Furniture	Static load test for tops and bottoms Level 2	BS 4875 -7: 2016 Sec 5 / ISO 7170: 2021 Sec. 6.2.2
375.		Static load test for tops and bottoms Levels 2,3,4,5	BS 4875 -7: 2016 Sec 5 / ISO 7170: 2021 Sec. 6.2.2
376.		Sustained load test for tops and bottoms Levels 1, 2	BS 4875 -7: 2016 Sec 5/ ISO 7170: 2021 Sec. 6.2.1
377.		Sustained load test for tops and bottoms Levels 3,4,5	BS 4875 -7: 2016 Sec 5/ ISO 7170: 2021 Sec. 6.2.1
378.		Strength of Shelf Supports, Each Level	BS 4875 -7: 2016 Sec 5/ ISO 7170: 2021 Sec. 6.1.4
379.		Deflection of Shelves Levels 1, 2	BS 4875 -7: 2016 Sec 5/ ISO 7170: 2021 Sec. 6.1.3
380.		Deflection of Shelves Levels 3,4,5	BS 4875 -7: 2016 Sec 5/ ISO 7170: 2021 Sec. 6.1.3
381.		Strength Clothes Rail Supports, Each Level	BS 4875 -7: 2016 Sec 5/ ISO 7170: 2021 Sec. 6.3.1
382.		Dislodgement of Clothes Rails, Each Level	BS 4875 -7: 2016 Sec 5/ ISO 7170: 2021 Sec. 6.3.2

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Wood & Wood Products		
383.		Vertical Load on Pivoted doors Level 1	BS 4875 -7: 2016 Sec 5/ ISO 7170: 2021 Sec. 7.1.2.1
384.		Vertical Load on Pivoted doors Levels 2,3,4,5	BS 4875 -7: 2016 Sec 5/ ISO 7170: 2021 Sec. 7.1.2.1
385.		Horizontal Load on Pivoted doors Level 2	BS 4875 -7: 2016 Sec 5/ ISO 7170: 2021 Sec. 7.1.2.2
386.	Furniture	Horizontal Load on Pivoted doors Level 3,4,5	BS 4875 -7: 2016 Sec 5/ ISO 7170: 2021 Sec. 7.1.2.2
387.		Durability of Sliding Doors and Horizontal Roll Fronts Level 1	BS 4875 -7: 2016 Sec 5/ ISO 7170: 2021 Sec. 7.2.3
388.		Durability of Sliding Doors and Horizontal Roll Fronts Levels 2,3,4,5	BS 4875 -7: 2016 Sec 5/ ISO 7170: 2021 Sec. 7.2.3
389.		Slam Shut Test - Pivoted Doors Levels 1,2	BS 4875 -7: 2016 Sec 5/ ISO 7170: 2021 Sec. 7.1.3
390.		Slam Shut Test - Pivoted Doors Levels 3,4,5	BS 4875 -7: 2016 Sec 5/ ISO 7170: 2021 Sec. 7.1.3
391.		Durability - Pivoted Doors Level 1	BS 4875 -7: 2016 Sec 5/ ISO 7170: 2021 Sec. 7.1.4
392.		Durability - Pivoted Doors Levels 2,3,4,5	BS 4875 -7: 2016 Sec 5/ ISO 7170: 2021 Sec. 7.1.4

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Wood & Wood Products		
393.		Slam Shut/open of sliding doors and Horizontal Roll fronts Levels1,2	BS 4875 -7: 2016 Sec 5/ ISO 7170: 2021 Sec. 7.2.2
394.		Slam Shut/open of sliding doors and Horizontal Roll fronts Levels 3,4,5	BS 4875 -: 2016 Sec 5/ ISO 7170: 2021 Sec. 7.3.1
395.		Strength of Bottom Hinged Flaps Level 1	BS 4875 -7: 2016 Sec 5/ ISO 7170: 2021 Sec. 7.3.1
396.	Furniture	Strength of Bottom Hinged Flaps Levels 2,3,4,5	BS 4875 -7: 2016 Sec 5/ ISO 7170: 2021 Sec. 7.3.2
397.		Durability of Flaps Level 1	BS 4875 -7: 2016 Sec 5/ ISO 7170: 2021 Sec. 7.3.2
398.		Durability of Flaps Levels 2,3,4,5	BS 4875 -7: 2016 Sec 5/ ISO 7170: 2021 Sec. 7.3.3
399.		Drop Test Top Hinged Flaps Level 2	BS 4875 -7: 2016 Sec 5/ ISO 7170: 2021 Sec. 7.3.3
400.		Drop Test Top Hinged Flaps Level 3,4,5	BS 4875 -7: 2016 Sec 5/ ISO 7170: 2021 Sec. 7.4.2
401.		Durability of Vertical Roll Fronts Level 1	BS 4875 -7: 2016 Sec 5/ ISO 7170: 2021 Sec. 7.4.2
402.		Durability of Vertical Roll Fronts Level 2,3,4,5	BS 4875 -7: 2016 Sec 5/ ISO 7170: 2021 Sec. 7.4.1

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Wood & Wood Products		
403.		Slam Shut and Open of Vertical Roll Fronts Level 1,2 (10 Cyc)	BS 4875 -7: 2016 Sec 5/ ISO 7170: 2021 Sec. 7.4.1
404.		Slam Shut and Open of Vertical Roll Fronts Level 3,4,5	BS 4875 -7: 2016 Sec 5/ ISO 7170: 2021 Sec. 7.5.2
405.		Strength of Extension elements Level 1	BS 4875 -7: 2016 Sec 5/ ISO 7170: 2021 Sec. 7.5.2
406.		Strength of Extension elements Level 2,3,4,5	BS 4875 -7: 2016 Sec 5/ ISO 7170: 2021 Sec. 7.5.3
407.	Furniture	Durability of Extension Elements Level 1	BS 4875 -7: 2016 Sec 5/ ISO 7170: 2021 Sec. 7.5.3
408.		Durability of Extension Elements Level 2,3,4,5	BS 4875 -7: 2016 Sec 5/ ISO 7170: 2021 Sec. 7.5.4
409.		Slam open/shut test of Extension elements Level 1	BS 4875 -7: 2016 Sec 5/ ISO 7170: 2021 Sec. 7.5.4
410.		Slam open/shut test of Extension elements Level 2, 3, 4, 5	BS 4875 -7: 2016 Sec 5/ ISO 7170: 2021 Sec. 7.5.5
411.		Displacement of Extension element Bottoms Level 1	BS 4875 -7: 2016 Sec 5/ ISO 7170: 2021 Sec. 7.5.5

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Wood & Wood Products		
412.		Displacement of Extension element Bottoms Levels 2,3,4,5	BS 4875 -7: 2016 Sec 5/ ISO 7170: 2021 Sec. 7.5.6
413.		Interlock Test each level	BS 4875 -7: 2016 Sec 5/ ISO 7170: 2021 Sec. 7.6.2
414.		Force Stability Test	ANSI/BIFMA X5.6-2016(R2021)5.1
415.		Impact Stability Test	ANSI/BIFMA X5.6-2016(R2021)5.2
416.		Force Stability Test for Freestanding Screens	ANSI/BIFMA X5.6-2016(R2021)5.3
417.		Panel System Strength Test - Static Functional Load	ANSI/BIFMA X5.6-2016(R2021)6.2
418.	Furniture	Panel System Strength Test - Static Proof Load	ANSI/BIFMA X5.6-2016(R2021)6.3
419.		Panel Glide Assembly Strength Test	ANSI/BIFMA X5.6-2016(R2021)7
420.		Primary Surface Concentrated Functional Load Test	ANSI/BIFMA X5.6-2016(R2021)8.1
421.		Horizontal Surface Distributed Functional Load Tests	ANSI/BIFMA X5.6-2016(R2021)8.2
422.		Primary Surface Concentrated Proof Load Tests	ANSI/BIFMA X5.6-2016(R2021)8.3

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Wood & Wood Products		
423.		Horizontal Surface Distributed Proof Load Tests	ANSI/BIFMA X5.6-2016(R2021)8.4
424.		Transaction Surface Torsional Load Test	ANSI/BIFMA X5.6-2016(R2021)8.5
425.		Functional Load Test for Panel Mounted Storage Units – Static	ANSI/BIFMA X5.6-2016(R2021)8.6
426.		Proof Load Test for Panel Mounted Storage Units – Static	ANSI/BIFMA X5.6-2016(R2021)8.7
427.		Test for Extendible Element Locks	ANSI/BIFMA X5.6-2016(R2021)9.1
428.		Force Tests for Door Lock	ANSI/BIFMA X5.6-2016(R2021)9.2
429.	Furniture	Top Load Ease Cycle Test (for Primary Surfaces)	ANSI/BIFMA X5.6-2016(R2021)10.1
430.		Cycle Test for Extendible Elements	ANSI/BIFMA X5.6-2016(R2021)10.2
431.		Cycle Test for Low Height Drawers	ANSI/BIFMA X5.6-2016(R2021)10.3
432.		Extendible Element Retention Impact and Durability (Out Stop) Tests	ANSI/BIFMA X5.6-2016(R2021)10.4

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Wood & Wood Products		
433.		Extendible Element Rebound Test	ANSI/BIFMA X5.6-2016(R2021)10.5
434.		Locking Mechanism Cycle Test	ANSI/BIFMA X5.6-2016(R2021)10.6
435.		Adjustable Keyboard Support and Input Device Support Cycle Tests	ANSI/BIFMA X5.6-2016(R2021)10.7
436.		Work Surface Vertical Adjustment Test	ANSI/BIFMA X5.6-2016(R2021)10.8
437.		Strength Test for Vertically Hinged Doors, Bi-fold Doors and Vertically Receding Doors	ANSI/BIFMA X5.6-2016(R2021)11.2
438.		Hinge Override Test for Vertically Hinged Doors	ANSI/BIFMA X5.6-2016(R2021)11.3
439.	Furniture	Vertical Receding Doors Strength Test	ANSI/BIFMA X5.6-2016(R2021)11.4
440.		Horizontal Receding Doors Strength Test	ANSI/BIFMA X5.6-2016(R2021)11.5
441.		Wear and Fatigue Test for Hinged, Horizontally Sliding, and Tambour Doors	ANSI/BIFMA X5.6-2016(R2021)11.6
442.		Wear and Fatigue Test for Vertical Receding Doors	ANSI/BIFMA X5.6-2016(R2021)11.7

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Wood & Wood Products		
443.		Wear and Fatigue Test for Horizontal Receding Doors	ANSI/BIFMA X5.6-2016(R2021)11.8
444.		Vertical and Horizontal Receding Door Out Stop Test – Cyclic Impact test	ANSI/BIFMA X5.6-2016(R2021) 11.9.3
445.		Vertical and Horizontal Receding Door Out Stop Test – Cyclic Durability	ANSI/BIFMA X5.6-2016(R2021) 11.9.4
446.		Slam Closed Test for Vertically Hinged and Vertically Receding Doors	ANSI/BIFMA X5.6-2016(R2021) 11.10
447.		Drop Cycle Test for Horizontally Hinged and Horizontally Receding Doors	ANSI/BIFMA X5.6-2016(R2021) 11.11
448.	Furniture	Slam Test for Doors Which Free Fall Open or Closed	ANSI/BIFMA X5.6-2016(R2021) 11.12
449.		Slam Open and Closed Test for Doors That Do Not Free Fall	ANSI/BIFMA X5.6-2016(R2021) 11.13
450.		Door Latch Level	ANSI/BIFMA X5.6-2016(R2021) 11.14
451.		Upward Force Static Disengagement Test for Panel Mounted Components	ANSI/BIFMA X5.6-2016(R2021)12.1

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Wood & Wood Products		
452.		Upward Force Impact Disengagement Test for Panel Mounted Components	ANSI/BIFMA X5.6-2016(R2021)12.2
453.		Pull Force Test	ANSI/BIFMA X5.6-2016(R2021)13
454.		Wear and Fatigue Test for Vertically Hinged and Horizontally Sliding Access Doors	ANSI/BIFMA X5.6-2016(R2021)14
455.		Slam Open and Closed Test for Sliding Access Doors	ANSI/BIFMA X5.6-2016(R2021)15
456.		Slam Closed Test for Vertically Hinged Access Doors	ANSI/BIFMA X5.6-2016(R2021)16
457.		Force Test for Access Door Lock	ANSI/BIFMA X5.6-2016(R2021)17
458.	Furniture	Glass Retention Test for Vertically Hinged Access Doors	ANSI/BIFMA X5.6-2016(R2021)18
459.		Backrest Strength Test - Horizontal - Static	ANSI/BIFMA X5.4:2020 Sec. 5
460.		Backrest Strength Test - Vertical - Static	ANSI/BIFMA X5.4:2020 Sec. 6
461.		Backrest Durability Test - Horizontal - Cyclic	ANSI/BIFMA X5.4:2020 Sec. 7

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Wood & Wood Products		
462.		Backrest Durability Test - Vertical - Cyclic	ANSI/BIFMA X5.4:2020 Sec. 8
463.		Arm Strength Test - Horizontal - Static	ANSI/BIFMA X5.4:2020 Sec. 9
464.		Arm Strength Test - Vertical - Static	ANSI/BIFMA X5.4:2020 Sec. 10
465.		Arm Durability Test for Multiple Seating Units - Horizontal - Cyclic	ANSI/BIFMA X5.4:2020 Sec. 11
466.		Arm Durability Test for Multiple Seating Units - Vertical - Cyclic	ANSI/BIFMA X5.4:2020 Sec. 12
467.		Arm Durability Test for Single Seat Units - Angular - Cyclic	ANSI/BIFMA X5.4:2020 Sec. 13
468.		Seating Durability Tests - Cyclic	ANSI/BIFMA X5.4:2020 Sec. 14
469.	Furniture	Unit Drop Test - Dynamic	ANSI/BIFMA X5.4:2020 Sec. 17
470.		Caster/Unit Base Durability Test - Cyclic	ANSI/BIFMA X5.4:2020 Sec. 18
471.		Swivel Test - Cyclic	ANSI/BIFMA X5.4:2020 Sec. 19
472.		Tilt / rocker / glider Mechanism Test - Cyclic	ANSI/BIFMA X5.4:2020 Sec. 20
473.		Stability Tests	ANSI/BIFMA X5.4:2020 Sec. 21

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Wood & Wood Products		
474.		Tablet Arm Load Ease Test - Cyclic	ANSI/BIFMA X5.4:2020 Sec. 22
475.		Tablet Arm Load Test - Static	ANSI/BIFMA X5.4:2020 Sec. 23
476.		Structural Durability Test – Side-to-Side - Cyclic	ANSI/BIFMA X5.4:2020 Sec. 24
477.		Cycle Test for Recliners – Backrest and/or Leg rest Mechanism Durability	ANSI/BIFMA X5.4:2020 Sec. 25
478.		Leg rest Strength Test – Static Load	ANSI/BIFMA X5.4:2020 Sec. 26
479.		Footrest Static Load Test for Stools - Vertical	ANSI/BIFMA X5.4:2020 Sec. 27
480.		Footrest Durability Test for Stools – Vertical - Cyclic	ANSI/BIFMA X5.4:2020 Sec. 28
481.		Tip over Restraints Strength Test	ASTM F3096: 2023
482.	Furniture	Marking	BS EN 1729-1:2015, clause 5
483.		Instructions	BS EN 1729-1:2015, clause 6
484.		General safety requirements	BS EN 16121:2023 Sec 5.2
485.		Holes in tubular /rigid components	BS EN 16121:2023 Sec 5.3

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Wood & Wood Products		
486.		Shear and compression points when setting up and folding	BS EN 16121:2023 Sec 5.4.1
487.		Shear and compression points under influence of powered mechanism	BS EN 16121:2023 Sec 5.4.2
488.		Shear and compression points during use	BS EN 16121:2023 Sec 5.4.3
489.		Hinged Horizontal Lids	BS EN 16121:2023 Sec 5.5
490.		Vertical Glass Components	BS EN 16121:2023 Sec 5.6
491.		Door, Extension Elements and Flaps Closed, All Storage Units	BS EN 16121:2023 Sec 5.7.1 /BS EN 16122: 2012 Sec 11.2.1
492.		Door, Extension Elements and Flaps Closed, All Storage Units Unloaded - Units that are, or can be, adjusted to a height of more than 1000 mm	BS EN 16121:2023 Sec 5.7.2 /BS EN 16122: 2012 Sec 11.2.2
493.	Furniture	All Storage Areas Unloaded and All doors, Extn. Elements & Flaps open	BS EN 16121:2023 Sec 5.7.3 /BS EN 16122: 2012 Sec 11.4.1
494.		All Storage Areas Unloaded, with overturning Load	BS EN 16121:2023 Sec 5.7.4 /BS EN 16122: 2012 Sec 11.4.2

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Wood & Wood Products		
495.		All Storage Areas Loaded, with overturning Load	BS EN 16121:2023 Sec 5.7.5 /BS EN 16122: 2012 Sec 11.4.3
496.		Doors, extension elements and flaps closed and locked	BS EN 16121:2023 Sec 5.7.6 /BS EN 16122: 2012 Sec 11.5
497.		Dynamic stability test for units with castors	BS EN 16121:2023 Sec 5.7.7 /BS EN 16122: 2012 Sec 11.6
498.		Static load test for tops and bottoms	BS EN 16121:2023 Sec 5.8.1.1 /BS EN 16122: 2012 Sec 6.2.2
499.		Shelf retention test – horizontal outward	BS EN 16121:2023 Sec 5.8.1.2 /BS EN 16122: 2012 Sec 6.1.2
500.		Shelf retention test – vertical downward	BS EN 16121:2023 Sec 5.8.1.3 /BS EN 16122: 2012 Sec 6.1.3
501.		Strength of shelf supports	BS EN 16121:2023 Sec 5.8.1.4 /BS EN 16122: 2012 Sec 6.1.5
502.		Vertical load on pivoted doors	BS EN 16121:2023 Sec 5.8.1.5 /BS EN 16122: 2012 Sec 7.1.2
503.		Horizontal load on pivoted doors	BS EN 16121:2023 Sec 5.8.1.6 /BS EN 16122: 2012 Sec 7.1.3
504.	Furniture	Strength of bottom-hinged flaps	BS EN 16121:2023 Sec 5.8.1.7/BS EN 16122: 2012 Sec 7.3.1
505.		Strength of extension elements	BS EN 16121:2023 Sec 5.8.1.8 /BS EN 16122: 2012 Sec 7.5.2

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Wood & Wood Products		
506.		Slam shut and open of extension elements	BS EN 16121:2023 Sec 5.8.1.9 /BS EN 16122: 2012 Sec 7.5.4
507.		Interlock test	BS EN 16121:2023 Sec 5.8.1.10 /BS EN 16122: 2012 Sec 7.5.6
508.		Test for structure and underframes	BS EN 16121:2023 Sec 5.8.1.11 /BS EN 16122: 2012 Sec 6.4.1
509.		Test for unit with castors or wheels	BS EN 16121:2023 Sec 5.8.1.12 /BS EN 16122: 2012 Sec 6.4.3
510.		Overload test	BS EN 16121:2023 Sec 5.8.1.13 /BS EN 16122: 2012 Sec 10.1.3
511.		Dislodgement test	BS EN 16121:2023 Sec 5.8.1.14 /BS EN 16122: 2012 Sec 10.1.4
512.		Units supported by the floor	BS EN 16121:2023 Sec 5.8.1.15 /BS EN 16122: 2012 Sec 10.2
513.		Strength of clothes rail supports	BS EN 16121:2023 Sec 6.1.1 /BS EN 16122: 2012 Sec 6.3.1
514.		Strength of coat hooks	BS EN 16121:2023 Sec 6.1.2 /BS EN 16122: 2012 Sec 9.1
515.		Durability of pivoted doors	BS EN 16121:2023 Sec 6.1.3 /BS EN 16122: 2012 Sec 7.1.5
516.	Furniture	Slam shut test of pivoted doors	BS EN 16121:2023 Sec 6.1.4 /BS EN 16122: 2012 Sec 7.1.4

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Wood & Wood Products		
517.		Slam shut/open of sliding doors and horizontal roll fronts-	BS EN 16121:2023 Sec 6.1.5 /BS EN 16122: 2012 Sec 7.2.2
518.		Durability of sliding doors and horizontal roll fronts	BS EN 16121:2023 Sec 6.1.6 /BS EN 16122: 2012 Sec 7.2.3
519.		Durability of flaps	BS EN 16121:2023 Sec 6.1.7 /BS EN 16122: 2012 Sec 7.3.2
520.		Durability of vertical roll fronts	BS EN 16121:2023 Sec 6.1.8 /BS EN 16122: 2012 Sec 7.4.2
521.		Durability of extension elements	BS EN 16121:2023 Sec 6.1.9 /BS EN 16122: 2012 Sec 7.5.3
522.		Slam shut and open of extension elements	BS EN 16121:2023 Sec 6.1.10 /BS EN 16122: 2012 Sec 7.5.4
523.		Displacement of extension element bottoms	BS EN 16121:2023 Sec 6.1.11 /BS EN 16122: 2012 Sec 7.5.5
524.		Strength test for locking and latching mechanisms for extension elements	BS EN 16121:2023 Sec 6.1.12 /BS EN 16122: 2012 Sec 7.6.2
525.		Strength test for locking and latching mechanisms for doors, flaps and roll fronts	BS EN 16121:2023 Sec 6.1.13 /BS EN 16122: 2012 Sec 7.6.3

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Wood & Wood Products		
526.	Furniture	Drop test	BS EN 16121:2023 Sec 6.1.14 /BS EN 16122: 2012 Sec 6.4.2
527.		Deflection of shelves	BS EN 16121:2023 Sec 6.1.15 /BS EN 16122: 2012 Sec 6.1.4
528.		Dislodgement of clothes rails	BS EN 16121:2023 Sec 6.1.16 /BS EN 16122: 2012 Sec 6.3.2
529.		Drop test for trays	BS EN 16121:2023 Sec 6.1.17 /BS EN 16122: 2012 Sec 8.3
530.		Sustained Load Test for Trays	BS EN 16121:2023 Sec 6.1.18 /BS EN 16122: 2012 Sec 8.2
531.		Stability Under Vertical Load test	ANSI/BIFMA X6.5-2022, Clause 4.2
532.		Stability Test for Units with Extendible Load-Bearing	ANSI/BIFMA X6.5-2022, Clause 4.3
533.		Stability Test for Freestanding Pedestals	ANSI/BIFMA X6.5-2022, Clause 4.4
534.		Horizontal Stability Test for Desk/ Tables with Casters.	ANSI/BIFMA X6.5-2022, Clause 4.5
535.		Horizontal Force Stability/ Disengagement Test for Tall	ANSI/BIFMA X6.5-2022, Clause 4.6

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Wood & Wood Products		
536.		Vertical Force Stability for Bookcases and Other Units Without Extendible Elements	ANSI/BIFMA X6.5-2022, Clause 4.7
537.	Furniture	Horizontal Force Stability for Bookcases and Other Units	ANSI/BIFMA X6.5-2022, Clause 4.8
538.		Distributed Functional Load Test for Individual Surfaces	ANSI/BIFMA X6.5-2022, Clause 5.2
539.		Concentrated Functional Load Test for Primary Surfaces.	ANSI/BIFMA X6.5-2022, Clause 5.3
540.		Distributed Proof Load Test for Individual Surfaces	ANSI/BIFMA X6.5-2022, Clause 5.4
541.		Concentrated Proof Load Test for Individual Surfaces	ANSI/BIFMA X6.5-2022, Clause 5.5
542.		Unit Strength Test - Static Load	ANSI/BIFMA X6.5-2022, Clause 5.6
543.		Extendible Element Proof Load	ANSI/BIFMA X6.5-2022, Clause 5.7
544.		Top Load Ease Test - Cyclic	ANSI/BIFMA X6.5-2022, Clause 6
545.		Leg Strength Test - Static	ANSI/BIFMA X6.5-2022, Clause 7
546.		Horizontal Racking Resistance	ANSI/BIFMA X6.5-2022, Clause 8
547.		Drop Test	ANSI/BIFMA X6.5-2022, Clause 10

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Wood & Wood Products		
548.		Cycle Test for Extendible Elements/ Equipment Surfaces Deeper Than Wide	ANSI/BIFMA X6.5-2022, Clause 12.2
549.		Cycle Test for Extendible Elements/ Equipment Surfaces Wider Than Deep	ANSI/BIFMA X6.5-2022, Clause 12.3
550.	Furniture	Cycle Test for Center/Pencil Drawers	ANSI/BIFMA X6.5-2022, Clause 12.4
551.		Pull Force Test	ANSI/BIFMA X6.5-2022, Clause 20
552.		Backrest Strength Test - Static - Type I & II	ANSI/BIFMA X5.1-2017 (R2022), Clause 5
553.		Backrest Strength Test - Static - Type III	ANSI/BIFMA X5.1-2017 (R2022), Clause 6
554.		Drop Test - Dynamic	ANSI/BIFMA X5.1-2017 (R2022), Clause 7
555.		Swivel Test - Cyclic.	ANSI/BIFMA X5.1-2017 (R2022), Clause 8
556.		Tilt Mechanism Test - Cyclic	ANSI/BIFMA X5.1-2017 (R2022), Clause 9
557.		Seating Durability Tests - Cyclic	ANSI/BIFMA X5.1-2017 (R2022), Clause 10

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Wood & Wood Products		
558.	Furniture	Stability Tests	ANSI/BIFMA X5.1-2017 (R2022), Clause 11
559.		Arm Strength Test - Vertical - Static.	ANSI/BIFMA X5.1-2017 (R2022), Clause 12
560.		Arm Strength Test – Horizontal-Static.	ANSI/BIFMA X5.1-2017 (R2022), Clause 13
561.		Backrest durability test-cyclic – type I	ANSI/BIFMA X5.1-2017 (R2022), Clause 14
562.		Backrest durability test-cyclic – type II & type III	ANSI/BIFMA X5.1-2017 (R2022), Clause 15
563.		Caster /chair base durability test –cyclic	ANSI/BIFMA X5.1-2017 (R2022), Clause 16
564.		Leg strength test-front and side application	ANSI/BIFMA X5.1-2017 (R2022), Clause 17
565.		Footrest static load test-Vertical	ANSI/BIFMA X5.1-2017 (R2022), Clause 18
566.		Footrest durability test – Vertical –cyclic	ANSI/BIFMA X5.1-2017 (R2022), Clause 19
567.		Arm durability test –cyclic	ANSI/BIFMA X5.1-2017 (R2022), Clause 20
568.		Tablet arm chair static load test	ANSI/BIFMA X5.1-2017 (R2022), Clause 22

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Wood & Wood Products		
569.	Furniture	Tablet arm chair load ease test-cyclic	ANSI/BIFMA X5.1-2017 (R2022), Clause 23
570.		Structural durability test-cyclic	ANSI/BIFMA X5.1-2017 (R2022), Clause 24
571.		Stability with extendible element open test	ANSI / BIFMA X5.5-2021, Clause 4.2
572.		Stability Under Vertical Load Test	ANSI / BIFMA X5.5-2021, Clause 4.3
573.		Horizontal Stability Test for	ANSI / BIFMA X5.5-2021, Clause 4.4
574.		Desk/Tables with Casters	
575.		Horizontal Stability Test for Keyboard/Laptop Tables (with and without casters)	ANSI / BIFMA X5.5-2021, Clause 4.5
576.		Force stability test for tall desk and table products	ANSI / BIFMA X5.5-2021, Clause 4.6
577.		Concentrated Functional Load Test	ANSI / BIFMA X5.5-2021, Clause 5.2
578.		Distributed Functional Load Test	ANSI / BIFMA X5.5-2021, Clause 5.3
579.		Concentrated proof Load Test	ANSI / BIFMA X5.5-2021, Clause 5.4
580.		Distributed proof Load Test	ANSI / BIFMA X5.5-2021, Clause 5.5

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Wood & Wood Products		
581.		Transaction surface torsion load test	ANSI / BIFMA X5.5-2021, Clause 5.6
582.		Extendible Element load test	ANSI / BIFMA X5.5-2021, Clause 5.7
583.		Top load Ease Test - Cyclic	ANSI / BIFMA X5.5-2021, Clause 6
584.		Desk/Table unit drop test	ANSI / BIFMA X5.5-2021, Clause 7
585.		Leg strength test	ANSI / BIFMA X5.5-2021, Clause 8
586.		Extendible Element load test	ANSI / BIFMA X5.5-2021, Clause 10
587.		Durability Test for Desks and Tables with Casters	ANSI / BIFMA X5.5-2021, Clause 18
588.		Pull Force Test	ANSI / BIFMA X5.5-2021, Clause 19
589.	Furniture	Backrest strength test- Horizontal -static	BIFMA X5.41-2021, Sec 5
590.		Backrest strength test-Vertical -static	BIFMA X5.41-2021, Sec 6
591.		Backrest durability test – Horizontal –cyclic	BIFMA X5.41-2021, Sec 7
592.		Backrest durability test – vertical –cyclic	BIFMA X5.41-2021, Sec 8
593.		Arm strength test- Horizontal - static	BIFMA X5.41-2021, Sec 9

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Wood & Wood Products		
594.		Arm strength test- vertical - static	BIFMA X5.41-2021, sec 10
595.		Arm durability test –Horizontal –cyclic	BIFMA X5.41-2021, sec 11
596.		Arm durability test –vertical- cyclic	BIFMA X5.41-2021, sec12
597.		Arm durability test –Angular – cyclic	BIFMA X5.41-2021, sec 13
598.		Seating durability test –cyclic	BIFMA X5.41-2021, sec 14
599.		Drop test-Dynamic	BIFMA X5.41-2021, sec 15
600.		Leg strength –front and side	BIFMA X5.41-2021, sec 16
601.		Unit drop test- dynamic	BIFMA X5.41-2021, sec 17
602.	Furniture	Aster/unit base durability test –cyclic	BIFMA X5.41-2021, sec 18
603.		Swivel test-cyclic	BIFMA X5.41-2021, sec 19
604.		Tilt mechanism test-cyclic	BIFMA X5.41-2021, sec 20
605.		Stability test	BIFMA X5.41-2021, sec 21
606.		Tablet arm load ease test-cyclic	BIFMA X5.41-2021, sec 22
607.		Tablet arm load test-static	BIFMA X5.41-2021, sec 23

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Wood & Wood Products		
608.		Structural durability test-side to side –cyclic	BIFMA X5.41-2021, sec 24
609.		Cyclic tests for recliners	BIFMA X5.41-2021, sec 25
610.		Largest Strength test	BIFMA X5.41-2021, sec 26
611.		Foot rest static load test for stools -vertical	BIFMA X5.41-2021, sec 27
612.		Footrest durability test for stools –vertical	BIFMA X5.41-2021, sec 28
613.		Seat width measurement	BIFMA X5.41-2021, sec 29
614.	Castors and Wheels	Dimensions and classification	IS 17524: 2021, ISO 22880: 2016, ISO 22878:2004
615.		Characteristics	IS 17524: 2021, ISO 22880: 2016, ISO 22878:2004
616.	Castors and Wheels	Fixing system	IS 17524: 2021, ISO 22880: 2016, ISO 22878:2004
617.		Castor type	IS 17524: 2021, ISO 22880: 2016, ISO 22878:2004
618.		Dimensions	IS 17524: 2021, ISO 22880: 2016, ISO 22878:2004
619.		General	IS 17524: 2021, ISO 22880: 2016, ISO 22878:2004

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Wood & Wood Products		
620.		Standard conditions	IS 17524: 2021, ISO 22880: 2016, ISO 22878:2004
621.		Swivel play test	ISO 22878:2004
622.		Wheel play test	ISO 22878:2004
623.		Impact performance	IS 17524: 2021, ISO 22880: 2016, ISO 22878:2004
624.		Electrical resistance	IS 17524: 2021, ISO 22880: 2016, ISO 22878:2004
625.		Contact pressure	IS 17524: 2021, ISO 22880: 2016, ISO 22878:2004
626.		Stem retention	IS 17524: 2021, ISO 22880: 2016, ISO 22878:2004
627.		Static load performance	IS 17524: 2021, ISO 22880: 2016, ISO 22878:2004
628.	Castors and Wheels	Brake performance	IS 17524: 2021, ISO 22880: 2016, ISO 22878:2004
629.		Dynamic	IS 17524: 2021, ISO 22880: 2016, ISO 22878:2004
630.		Long distance running	IS 17524: 2021, ISO 22880: 2016, ISO 22878:2004
631.		Rolling resistance	IS 17524: 2021, ISO 22880: 2016, ISO 22878:2004

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Wood & Wood Products		
632.		Swivel resistance	IS 17524: 2021, ISO 22880: 2016, ISO 22878:2004

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Mechanical Properties of Metals		
1.	Ferrous & Non-ferrous Metals	Mass Per Meter	IS 1786: 2008
2.	Ferrous Metals	Torque Test	IS 1367: Part - 20: 1996 ISO 898: Part - 7: 1992
3.	Ferrous & Non-ferrous Metals	Corrosion Resistance Test	IS 5528: 2024 IS 9844: 1981 ISO 9227: 2022 ASTM B117: 2019 ASTM G85: 2019 JIS Z 2371: 2015
4.	Stainless Steel Sinks for Domestic Purposes	Thickness of Sheet/Strip	Cl. 6.1 of IS 13983: 1994
5.		Depth of Bowls	Cl. 6.2 of IS 13983: 1994
6.		Internal Dimensions of Bowls	Cl. 6.3 of IS 13983: 1994
7.		Bowl Locating Limits	Cl. 6.4 of IS 13983: 1994
8.		Coordinating Sizes	Cl. 6.5 of IS 13983: 1994
9.		Construction and workmanship	Cl. 7 of IS 13983: 1994
10.		Waste Outlet	Cl. 7.4 of IS 13983: 1994
11.		Tap Holes	Cl. 7.5 of IS 13983: 1994
12.		Overflows	Cl. 7.6 of IS 13983: 1994
13.	Stainless Steel Butt Hinges	Type	Cl. 3 of IS 12817: 2020

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Mechanical Properties of Metals		
14.		Sizes	Cl. 5 of IS 12817: 2020
15.	Stainless Steel Butt Hinges	Dimensions & Tolerances	Cl. 6 of IS 12817: 2020
16.		Manufacture	Cl. 7 of IS 12817: 2020
17.		General	Cl. 7.1 of IS 12817: 2020
18.		Knuckles	Cl. 7.2 of IS 12817: 2020
19.		Pins	Cl. 7.3 of IS 12817: 2020
20.		Screw Holes	Cl. 7.4 of IS 12817: 2020
21.		Number of Holes	Cl. 7.4.1 of IS 12817: 2020
22.		Position of Holes	Cl. 7.4.2 of IS 12817: 2020
23.	Non - Ferrous metal butt hinges	Type	Cl. 3 of IS 205: 1995
24.		Dimensions & Tolerances	Cl. 5 of IS 205: 1995
25.		Manufacture	Cl. 6 of IS 205: 1995
26.		General	Cl. 6.1 of IS 205: 1995
27.		Thickness	Cl. 6.1 of IS 205: 1995
28.		Knuckles	Cl. 6.2of IS 205: 1995
29.		Screw Holes	Cl. 6.3 of IS 205: 1995
30.		Number of Holes	Cl. 6.3.2 of IS 205: 1995
31.		Position of Holes	Cl. 6.3.3 of IS 205: 1995

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Mechanical Properties of Metals		
32.	Tee and strap hinges	Type	Cl. 3 of IS 206: 2010
33.		Dimensions & Tolerances	Cl. 5 of S 206: 2010
34.	Tee and strap hinges	Manufacture	Cl. 6 of IS 206: 2010
35.	Parliament Hinges	Type	Cl. 3 of IS 362: 1991
36.		Dimensions & Tolerances	Cl. 5 of IS 362: 1991
37.		Manufacture	Cl. 6 of IS 362: 1991
38.		General	Cl. 6.1 of IS 362: 1991
39.		Knuckles	Cl. 6.2 of IS 362: 1991
40.		Pins	Cl. 6.3 of IS 362: 1991
41.		Screw Holes	Cl. 6.4 of IS 362: 1991
42.		Position of Holes	Cl. 6.5 of IS 362: 1991
43.	Continuous (Piano) hinges	Dimensions & Tolerances	Cl. 4 of IS 3818: 1992
44.		Manufacture	Cl. 5 of IS 3818: 1992
45.		Knuckles	Cl. 5.2 of IS 3818: 1992
46.		Pins	Cl. 5.3 of IS 3818: 1992
47.		Screw Holes	Cl. 5 of IS 3818: 1992
48.	Steel Back Flap Hinges	Type	Cl. 3 of IS 3843: 1995
49.		Dimensions & Tolerances	Cl. 5 of IS 3843: 1995

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Mechanical Properties of Metals		
50.		Manufacture	Cl. 6 of IS 3843: 1995
51.		General	Cl. 6.1 of IS 3843: 1995
52.		Knuckles	Cl. 6.2 of IS 3843: 1995
53.	Steel Back Flap Hinges	Pins	Cl. 6.3 of IS 3843: 1995
54.		Screw Holes	Cl. 6.4 of IS 3843: 1995
55.		Size	Cl. 6.4.2 of IS 3843: 1995
56.		Number of Holes	Cl. 6.4.3 of IS 3843: 1995
57.		Position of Holes	Cl. 6.4.4 of IS 3843: 1995
58.	Double-Acting Spring Hinges	Type	Cl. 3 of IS 453: 1993
59.		Sizes	Cl. 5 of IS 453: 1993
60.		Dimensions & Tolerances	Cl. 6 of IS 453: 1993
61.		Manufacture	Cl. 7 of IS 453: 1993
62.		Thickness	Cl. 7.1, 7.1.1, 7.2 of IS 453: 1993
63.	Steel Back Flap Hinges	Type	Cl. 3 of IS 1341: 2018
64.		Dimensions & Tolerances	Cl. 5 of IS 1341: 2018
65.		Manufacture	Cl. 6 of IS 1341: 2018
66.		General	Cl. 6.1 of IS 1341: 2018
67.		Knuckles	Cl. 6.2 of IS 1341: 2018

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Mechanical Properties of Metals		
68.		Pins	Cl. 6.3 of IS 1341: 2018
69.		Screw Holes	Cl. 6.4 of IS 1341: 2018
70.		Number of Holes	Cl. 6.4.1 of IS 1341: 2018
71.		Position of Holes	Cl. 6.4.2 of IS 1341: 2018
72.	Door Handles for Mortice Locks	Corrosion Resistance	Cl. 6.5 of IS 4992: 2024 IS 9844: 1981
73.	Door Closers (Pneumatically Regulated) For Light Doors Weighing Upto 40 Kg	Dimensions & Tolerances	Cl. 5 of IS 6343: 1982
74.	Specification for Rim Latches	Types	Cl. 3 of IS 1019: 1974
75.		Sizes	Cl. 4 of IS 1019: 1974
76.		Shape	Cl. 6 of IS 1019: 1974
77.		Dimensions & Tolerances	Cl.7 of IS 1019: 1974
78.	Door Handles	Manufacture	Cl. 5 of IS 208: 2020
79.		Dimensions & Tolerances	Cl. 6 of IS 208: 2020
80.		Corrosion Test	Cl. 8.2 of IS 208: 2020 IS 9844: 1981
81.	Chain Pipe Wrenches	Dimensions	Cl. 4 of IS 4123: 2024
82.		Construction	Cl. 7 of IS 4123: 2024

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Mechanical Properties of Metals		
83.		Jaws	Cl. 7.3 of IS 4123: 2024
84.		Chain	Cl. 7.4 of IS 4123: 2024
85.	Single-Ended Open-Jaw Adjustable Wrenches	Dimensions	Cl. 5 of IS 6149: 2025
86.		Manufacture	Cl.8 of IS 6149: 2025
87.		Workmanship and Finish	Cl. 9 of IS 6149: 2025
88.	Single-Ended Open-Jaw Adjustable Wrenches	Longitudinal Play of Adjustable Jaw	Cl. 11.1 of IS 6149: 2025
89.		Transverse Play of Adjustable Jaw	Cl. 11.2 of IS 6149: 2025
90.	Stainless Steel Utensils	Material	Cl. 3, 5.3, 5.5 of IS 14756: 2024
91.		Shapes & Dimensions	Cl. 4 of IS 14756: 2024
92.		Thickness	IS 14756: 2024
93.		Workmanship & Finish	Cl. 5 of IS 14756: 2024
94.		Bending Strength	Cl. 5.4 of IS 14756: 2024 IS 13395: 2021
95.		Torque Strength	Cl. 5.4 of IS 14756: 2024 IS 13395: 2021
96.		Impact Strength	Cl. 5.4 of IS 14756: 2024 IS 13395: 2021

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Mechanical Properties of Metals		
97.		Leakage	Cl. 5.4 of IS 14756: 2024 IS 13395: 2021
98.		Thermal Insulation	Cl. 5.4 of IS 14756: 2024 IS 13395: 2021
99.		Heat Resistance	Cl. 5.4 of IS 14756: 2024 IS 13395: 2021
100.		Burning Resistance	Cl. 5.4 of IS 14756: 2024 IS 13395: 2021
101.	Stainless Steel Utensils	Dry heat test	IS 14756: 2024
102.		Mechanical Shock Test	Cl. 6.2 of IS 14756: 2024
103.		Thermal Shock Test	Cl. 6.3 of IS 14756: 2024
104.		Dry Heat Test	Cl. 6.4 of IS 14756: 2024
105.		Nominal Capacity Test	Cl. 6.7 of IS 14756: 2024
106.		Thickness of Glass	Cl. 3.5 of IS 14756: 2024
107.		Ball Drop Test	Cl. 3.5 of IS 14756: 2024 IS 2347: 2023
108.		Thermal Shock Test	Cl. 3.5 of IS 14756: 2024 IS 2347: 2023
109.		Free Fall Test	Cl. 3.5 of IS 14756: 2024 IS 2347: 2023

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Mechanical Properties of Metals		
110.		WELDING AND FINISHING	Cl. 3.5 of IS 14756: 2024
111.	Wrought and Cast Aluminium Utensils-Specification	Thickness	Cl. 3, 4.1.1, 4.1.2, 5.3 of IS 1660: 2024
112.		Shape & Dimensions	Cl. 6 of IS 1660: 2024
113.		Handles	Cl. 7 of IS 1660: 2024
114.		Bending Strength	Cl. 7.3 of IS 1660: 2024 IS 13395: 2021
115.		Torque Strength	Cl. 7.3 of IS 1660: 2024 IS 13395: 2021
116.	Wrought and Cast Aluminium Utensils-Specification	Impact Strength	Cl. 7.3 of IS 1660: 2024 IS 13395: 2021
117.		Leakage	Cl. 7.3 of IS 1660: 2024 IS 13395: 2021
118.		Thermal Insulation	Cl. 7.3 of IS 1660: 2024 IS 13395: 2021
119.		Heat Resistance	Cl. 7.3 of IS 1660: 2024 IS 13395: 2021
120.		Burning Resistance	Cl. 7.3 of IS 1660: 2024 IS 13395: 2021
121.		Workmanship & Finish	Cl. 8 of IS 1660: 2024

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Mechanical Properties of Metals		
122.		Thickness	Cl. 8.3 of IS 1660: 2024
123.		Abrasion resistance	Cl. 8.3 of IS 1660: 2024
124.		Visual Defects	Cl.8.6 of IS 1660: 2024 IS 9730: 2008:
125.		Non-stick Quality	Cl.8.6 of IS 1660: 2024 IS 9730: 2008:
126.		Dry Heat	Cl. 8.7.1 of IS 1660: 2024
127.		Ground Nut Oil Test for Leakage	Cl. 8.10.2 of IS 1660: 2024
128.		Thermal Shock Test	Cl. 8.11.3 of IS 1660: 2024
129.		Free Fall Test	Cl. 8.11.4 of IS 1660: 2024
130.	Wrought and Cast Aluminium Utensils-Specification	Nominal Capacity	Cl. 9 of IS 1660: 2024
131.	Specification for wrought aluminium and aluminium alloy plate for general engineering purposes	Freedom From Defects	Cl. 4 of IS 736: 1986
132.		Dimension & Tolerances	Cl. 8 of IS 736: 1986 IS 2676 :1981
133.	Wrought Aluminium and Aluminium Alloys — Extruded Round Tube and	Freedom From Defects	Cl. 6 of IS 1285: 2023
134.		Dimension & Tolerances	Cl. 8 of IS 1285: 2023

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Mechanical Properties of Metals		
	Hollow Sections for General Engineering Purposes		
135.	Free cutting brass bars, rods and section — specification	Freedom From Defects	Cl. 5 of IS 319: 2007
136.		Dimensions & Tolerances	Cl. 5 of IS 319: 2007
137.	Primary Aluminium Ingots for Remelting for Aircraft Purposes	Freedom From Defects	Cl. 5 IS 23: 1980
138.		Shapes and Sizes	Cl. 7 IS 23: 1980
139.	Tray, Instruments	Shape and Dimensions	Cl. 5 of IS 3993: 1993
140.		Manufacture, Workmanship and Finish	Cl. 6, 6.1 of IS 3993: 1993
141.		Stainless Steel Trays	Cl. 6.2 of IS 3993: 1993
142.		Enamelled Iron Trays	Cl. 6.3 of IS 3993: 1993
143.	Tray, Instruments	Glass Trays	Cl. 6.4 of IS 3993: 1993
144.		Citric Acid Spot Test	Cl. 7.1.1 of IS 3993: 1993
145.		Boiling and Thermal Shock	Cl. 7.2.1 of IS 3993: 1993

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Mechanical Properties of Metals		
146.	Specification for Sterilizer Shallow (Dressing Drum)	Thickness	Cl. 2 of IS 3831: 1981
147.		Finish	Cl. 2 of IS 3831: 1981
148.		Shape and Dimensions	Cl. 3 of IS 3831: 1981
149.		Workmanship and Finish	Cl. 4 of IS 3831: 1981
150.		Finish	Cl. 5 of IS 3831: 1981
151.		Tests	Cl. 6 of IS 3831: 1981
152.	Aluminium and Aluminium Alloy Bare Foil for Food Packaging	Pinhole Count	Cl. 5 of IS 15392: 2023
153.		Freedom From Defects	Cl. 6 of IS 15392: 2023
154.		Lubricants	Cl. 9 of IS 15392: 2023
155.		Preferred Thickness	Cl. 10 of IS 15392: 2023
156.		Average Thickness	Cl. 11 of IS 15392: 2023
157.		Width	Cl. 12 of IS 15392: 2023
158.		Length	Cl. 12 of IS 15392: 2023

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Mechanical Properties of Metals		
159.		Tensile Breaking Load	Cl. 13 of IS 15392: 2023
160.		Surface Condition	Cl. 14 of IS 15392: 2023
161.		Dry Annealed, A	Cl. 14.2 of IS 15392: 2023
162.	Aluminium and Aluminium Alloy Bare Foil for Food Packaging	Dry Annealed, B	Cl. 14.3 of IS 15392: 2023
163.		Dry Annealed, C	Cl. 14.4 of IS 15392: 2023
164.		Slick Annealed	Cl. 14.5 of IS 15392: 2023
165.	Aluminium and Aluminium Alloy Foil for Pharmaceutical Packaging	Pinhole Count	Cl. 5 of IS 16011: 2012
166.		Freedom From Defects	Cl. 6 of IS 16011: 2012
167.		Lubricants	Cl. 9 of IS 16011: 2012
168.		Preferred Thickness	Cl. 10 of IS 16011: 2012
169.		Average Thickness	Cl. 11 of IS 16011: 2012
170.		Width	Cl. 13 of IS 16011: 2012
171.		Length	Cl. 13 of IS 16011: 2012

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Mechanical Properties of Metals		
172.		Bursting Strength	Cl. 14.1 of IS 16011: 2012
173.		Peel Strength	Cl. 14.2 of IS 16011: 2012
174.		Sealing Strength	Cl. 14.3 of IS 16011: 2012
175.		Surface Condition	Cl. 15 of IS 16011: 2012
176.	Sterilizer, Instrument, Table Model	Dimension	Cl. 5 of IS 5022: 1989
177.		Construction	Cl. 6 of IS 5022: 1989
178.		Lid and tray	Cl. 6.2, 6.2.1, 6.2.2, 6.2.3 of IS 5022: 1989
179.		Functional Requirement	Cl. 7 of IS 5022: 1989
180.	Sterilizer, Instrument, Table Model	Gas Operation	Cl. 8.3 of IS 5022: 1989
181.		Kerosene Operation	Cl. 8.4 of IS 5022: 1989
182.		Finish	Cl. 9 of IS 5022: 1989

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Paper & Paper Products		
1.	Corrugated fibre board/ boxes	Determination of moisture content	IS 1060 (Part 5/Sec 2): 2021
2.		Determination of bursting strength of paper	IS 1060 (Part 6/Sec 2): 2014
3.		Corrugated Fibre board Ply	4.1 of IS 2771 (Part 1): 2022
4.		Corrugated Flutes-Types of Flutes	4.2 of IS 2771 (Part 1): 2022
5.		Joining Materials	4.3 of IS 2771 (Part 1): 2022
6.		Manufacturing and workmanship	5 of IS 2771 (Part 1): 2022
7.		Dimensions and tolerances	6 of IS 2771 (Part 1): 2022
8.		Quality requirements and testing	7 of IS 2771 (Part 1): 2022
9.		Water Absorption Test	7.2 of F IS 2771 (Part 1): 2022
10.		Flap Bend Test	7.3 of IS 2771 (Part 1): 2022
11.		Joint Strength	7.4 of IS 2771 (Part 1): 2022
12.		Edge Crush Test	7.5 of IS 2771 (Part 1): 2022
13.		Edge Crush Test	ISO 3037:2022
14.		Bursting strength	ISO 2759:2014

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Chemical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Hazardous & Restricted Chemicals		
1.	Leather, Textile, Footwear & similar products	Determination of disperse & Carcinogenic dye stuffs Disperse blue 3	IS 16914 (Part-2 & 3-2018) (Cl. B-10.1 of IS:17011:2018), DIN 54231
2.		Disperse blue 7	
3.		Disperse blue 26	
4.		Disperse blue 102	
5.		Disperse brown 1	
6.		Disperse yellow 1	
7.		Disperse yellow 9	
8.		Disperse yellow 39	
9.		Disperse yellow 49	
10.		Disperse orange 1	
11.		Disperse red 11	
12.		Disperse red 17	
13.		Disperse yellow 7	
14.		Disperse yellow 56	
15.		Disperse red 151	
16.		Solvent red 23	

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Chemical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Hazardous & Restricted Chemicals		
17.		Navy blue	
18.	Leather, Textile, Footwear & similar products	Disperse blue 1	IS 16914 (Part-2 & 3-2018) (Cl. B-10.1 of IS:17011:2018), DIN 54231
19.		Disperse blue 35	
20.		Disperse blue 106	
21.		Disperse blue 124	
22.		Disperse yellow 3	
23.		Disperse orange 3	
24.		Disperse orange 37/59/76a)	
25.		Disperse red 1	
26.		Basic red 9	
27.		Violet 3	
28.		Disperse yellow 23	

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Chemical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Hazardous & Restricted Chemicals		
29.	Leather, Textile, Footwear & similar products	Forbidden Amines 4-aminobiphenyl	IS 582 (Part 5/Sec 2) (Cl. B-3.1 and B-3.2 of IS:17011 :2018), BS EN ISO 14362-3, ISO 14362-1, ISO 17234-1, ISO 17234-2, Cl. 8 (Table 6) of IS 3976 (A1: 2021): 2018, IS 15570: 2005, BS EN ISO 14362-3, JIS L 1940-1&3,9873-7:2017
30.	Leather, Textile, Footwear & similar products	Benzidine	IS 582 (Part 5/Sec 2) (Cl. B-3.1 and B-3.2 of IS:17011 :2018), BS EN ISO 14362-3, ISO 14362-1, ISO 17234-1, ISO 17234-2, Cl. 8 (Table 6) of IS 3976 (A1: 2021): 2018, IS 15570: 2005, BS EN ISO 14362-3, JIS L 1940-1&3,9873-7:2017
31.		4-chloro-o-toluidine	
32.		2-naphthylamine	
33.		o-aminoazotoluene	
34.		2-amino-4-nitrotoluene	
35.		p-chloroaniline	
36.		2,4-diaminoanisole	
37.		4,4'- diaminodiphenylmethane	
38.		3,3'-dichlorobenzidine	
39.		3,3'-dimethoxybenzidine	

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Chemical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Hazardous & Restricted Chemicals		
40.		3,3'-dimethylbenzidine	
41.		3,3'-dimethyl-4,4'-diaminodiphenylmethane	
42.		p-cresidine	
43.		4,4'-methylen-bis(2-chloraniline)	
44.		4,4'-oxydianiline	
45.		4,4'-thiodianiline	
46.		o-toluidine	
47.		2,4-toluylendiamine	
48.	Leather, Textile, Footwear & similar products	2,4,5-trimethylaniline	IS 582 (Part 5/Sec 2) (Cl. B-3.1 and B-3.2 of IS:17011 :2018), BS EN ISO 14362-3, ISO 14362-1, ISO 17234-1, ISO 17234-2, Cl. 8 (Table 6) of IS 3976 (A1: 2021): 2018, IS 15570: 2005, BS EN ISO 14362-3, JIS L 1940-1&3,9873-7:2017
49.		2,4-dimethylaniline (=2,4-Xylidine)	
50.		2,6-dimethylaniline (=2,6-Xylidine)	
51.		2-methoxyaniline (=o-anisidine)	
52.		4-aminoazobenzene	
53.	Leather, Textile, Footwear & similar products	Determination of Chromium VI and Chromium VI (Ageing)	IS 16259 (Cl. 4.1 of IS:17011:2018), Cl. 5.3.6 of BS EN ISO 20345/ BS EN ISO 20346/ Cl. 6.11 of BS EN ISO 20344/ Cl. 5.3.5

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	Hazardous & Restricted Chemicals		
			of BS EN ISO 20347/ ISO 17075-1/ ISO 17075-2/ Cl. 6.11 of ISO 20344/ SASO ISO 20344/ Cl. 5.4.9, 5.5.5, 5.6.3, 5.7.5 of ISO 20345/ SASO ISO 20345/ ISO 20346/ SASO ISO 20346/ ISO 20347/ SASO ISO 20347/ IS 15298-1/ IS 15298-2 :2024/ IS 15298-3:2024/ IS 15298-4:2017/ANNEX XVII TO REACH Entry 47, ISO 20345:2011, ISO 20344
54.	Leather, Textile, Footwear & similar products	Determination of Dimethyl fumarate (DMFU)	IS 16991 (Cl. 4.1 of IS:17011:2018), Textile: EN 17130:2019, Leather- ISO 16186
55.	Leather, Textile, Footwear & similar products	Formaldehyde (free or released by partial hydrolysis)	IS 16297 (Part 1, 2 &3) (Cl. 4.1 of IS:17011 :2018), AATCC 94-2020/ DIN EN ISO 14184- 1: 2011/ BS EN ISO/SVHC,14184- 1: 2011, ISO 17226-1, ISO 17226-2, IS 14563 (Part 1), EN 717-3: 1996

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Chemical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Hazardous & Restricted Chemicals		
56.		Formaldehyde	IS 14563 (Part 2) (Cl. B-12 of IS:17011 :2018), 14184 PART 2, IS 16297 (Part 1, 2 &3), EN 717-3:1996, JIS L1041:2011, EN ISO 17226-3:2011 / CPSD-AN-00531
57.	Leather, Textile, Footwear & similar products	Organotin Compounds Dibutyltin	IS 16981 (Cl. B-19 of IS:17011 :2018), DIN EN ISO 17353:2005
58.		Dibutyltin dichloride	
59.		Dioctyltin	
60.		Monobutyltin	
61.		Tributyltin	
62.		Triphenyltin	
63.		Monoctyltin	
64.		Bis(tributyltin)oxide	
65.		Determination of PCP / TeCP / TriCP/ 2,4,5-Trichlorophenol	IS 14575 (Cl. B-27 of IS:17011: 2018), EN ISO 17070: 2015, 64 LFGB B 82.02.8 (KOH): 2001
66.		2,4,6-Trichlorophenol	

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Hazardous & Restricted Chemicals		
67.	Leather, Textile, Footwear & similar products	2,3,5-Tichlorophenol	
68.		3,4,5-Trichlorophenol	
69.		2,3,6-Trichlorophenol	
70.		2,3,4-Trichlorophenol	
71.		2,3,4,6-Tetrachlorophenol	
72.		2,3,5,6-Tetrachlorophenol	
73.		2,3,4,5-Tetrachlorophenol	
74.		Pentachlorophenol	
75.		pH	IS 1390 (Cl. B-24 of IS:17011: 2018)/IS 16258, ISO 20345:2011, ISO 20344, ISO 3071, AATCC-81: 2016, 9873-7:2017
76.		Di-iso-nonylphthalate	IS 16915 (Cl. B-25 of IS:17011: 2018), CPSC-CH-C1001-09.4: 2018, - CA PROP 65, ANNEX XVII TO REACH Entry 51 & 52, 16 CFR Part 1307, ASTM F963-23, ISO 16181-1:2021
77.		Di-n-octylphthalate	
78.		Di-(2-ethylhexyl)-phthalate	
79.		Di-iso-decylphthalate	
80.		Butylbenzylphthalate	
81.		Dibutylphthalate	
82.		Di-isobutylphthlate	

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Chemical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Hazardous & Restricted Chemicals		
83.	Hazardous & Restricted Chemicals Textile &Textile Products Toys and sports equipment Computing & Communications Equipment Consumer Electronics ROHS Lighting: Lamps, Lighting, Fixtures, Light Bulbs Power Tools Small Household Appliances Large Household Appliances Plastics & Other Polymeric Products Leather Products Prints Zippers Paints Other (Accessories & Apparels)	Nickel release	EN 1811 and EN 12472 (Cl. B-13.4.3 of IS:17011:2018), BS EN 12472:2020, EN 1810:1998 BSEN 1810 :1998, BSEN 1811 :2011 BSEN 1811:2011+A1:2015, BS EN 12472:2005+A1: 2009
84.		Screening test for nickel	PDCR 12471:2002
85.	Leather, Textile, Footwear & similar products	Alkyl Phenol -AP (OP And NP) and Alkyl phenol Ethoxylates Analysis - APEO (NPEO and OPEO)	ISO 18254-1:2016, ISO18218-1:2015, ISO 18218-2:2015 ANNEX XVII TO REACH Entry 46
86.		Bisphenol-A Content (BPA)	Solvent extraction / GC-MS or LC-MS, BS EN 71-9:2005+A1:2007,

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	Hazardous & Restricted Chemicals		
	Leather, Textile, Footwear & similar products		EN 71-10:2005, EN 71-11:2005, ANNEX XVII TO REACH Entry 66
87.		Determination of SCCP & MCCP (Chlorinated paraffin)	ISO 18219-1:2019, Textile: ISO 22818:2021 (SCCP + MCCP) Leather: ISO 18219-1:2021 (SCCP) ISO 18219-2 (MCCP)
88.		Determination of Dimethyl Formamide (DMFa)	ISO/TS 16189: 2013
89.		Determination of PFOA & PFOS	EN/TS 15968:2010, ANNEX XVII TO REACH Entry 53 & 68
90.		Polycyclic Aromatic Hydrocarbons (PAHs)- Benzo(a)pyrene	ISO/TS 16190: 2013 European Directive 2005/69/EC ANNEX XVII TO REACH Entry 50 2013, ISO 16190:2021
91.		Benzo(e)pyrene	
92.		Benz(a)anthracene	
93.		Benzo(a)phenanthrene	
94.		Benzo(b)flouranthene	
95.		Benzo(j)flouranthene	
96.		Benzo(k)flouranthene	
97.		Dibenzo(a,h)anthracene	
98.		Naphthalene	

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Chemical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Hazardous & Restricted Chemicals		
99.		Acenaphthylene	
100.		Acenaphthene	
101.		Flourene	
102.		Phenanthrene	
103.		Anthracene	
104.		Fluoranthene	
105.		Pyrene	
106.		Benzo(ghi)perylene	
107.		Indeno(1,2,3-cd) pyrene	
108.	Leather, Textile, Footwear & similar products	Determination of volatile organic compounds (VOC) and/or semi volatile organic compounds (SVOC) content-Benzene	ISO 11890-2:2020, EN 1400:2013+A2:2018(EN)
109.		Butadiene	
110.		4-phenyl-cyclohexane	
111.		Styrene	
112.		Toluene	
113.		Vinyl chloride	
114.		Vinyl cyclohexane	

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Chemical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Hazardous & Restricted Chemicals		
115.	Leather, Textile, Footwear & similar products	Determination of pesticides- 2,4'-DDT	IS 15651: 2006,EN 15662:2018, ISO 6468, ISO 22517:2019
116.		4,4'-DDT	
117.		4,4'-DDD	
118.		4,4'-DDE	
119.		alpha-HCH	
120.		gamma-HCH	
121.		Aldrin	
122.		Dieldrin	
123.		Camphechlor	
124.		Heptachlor	
125.		cis-Heptachlor-exo-epoxide (isomer B)	
126.		2,4-D	
127.	Leather, Textile, Footwear & similar products	Determination of Chlorinated Organic Carriers(COC)- Hexachlorobenzene	DIN 54232: 2010,BS EN ISO 17137: 2018
128.		1,2,3-trichlorobenzene	
129.		1,2,4-trichlorobenzene	

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Chemical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Hazardous & Restricted Chemicals		
130.		1,3,5-trichlorobenzene	
131.		1,2,3,4-tetrachlorobenzene	
132.		1,2,3,5-tetrachlorobenzene	
133.		1,2,4,5-tetrachlorobenzene	
134.		Pentachlorobenzene	
135.		Monochlorobenzene	
136.		1,3-dichlorobenzene	
137.		1,4-dichlorobenzene	
138.		1,2-dichlorobenzene	
139.		2-chlorotoluene	
140.		3-chlorotoluene	
141.	Leather, Textile, Footwear & similar products	4-chlorotoluene	DIN 54232: 2010, BS EN ISO 17137: 2018
142.		2,3-dichlorotoluene	
143.		2,5-dichlorotoluene	
144.		2,6-dichlorotoluene	
145.		2,4-dichlorotoluene	
146.		3,4-dichlorotoluene	
147.		2,3,6-trichlorotoluene	

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Chemical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Hazardous & Restricted Chemicals		
148.	Leather, Textile, Footwear & similar products	2,4,5-trichlorotoluene	
149.		Tetrachlorotoluene	
150.		2,3,4,5,6-pentachlorotoluene	
151.		Determination of Lead in Surface coating	ASTM E1645-2001 withdrawn,ASTM E1645-2016 ASTM E1613-2012 CPSC-CHE1003-09.1: Feb25,2011 Health Canada Method C-02.2-2016 Health Canada Method C-02.2-2017 16 CFR1303:2008 16 CFR Part1303: 2018
152.		Cadmium Extractability from Children's Metal Jewellery	CPSC-CH-E1004-11-Feb 03
153.		Determination of cadmium wet decomposition methods	EN 1122:2002, ANNEX XVII TO REACH Entry 23
154.		Total Lead content in Substrate for Non-metal children's products including children's metal Jewellery	CPSC-CH-E1002-08.3, IS 9873: Part 5: 2017 (ISO 8124-5: 2015), ASTM F2999 -19, F2923-20, EPA 3050B

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Chemical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Hazardous & Restricted Chemicals		
155.		Total Lead content in Substrate for metal children's products including children's metal Jewellery	ASTM E1645-2001/ASTM E1645-2016 ASTM, CPSC 16 CFR 1303, ASTM F963-23 E1613-2012 CPSC-CHE1002-08.3:Nov 15,2012 GB/T30157 - 2013 Health Canada Method C-02.2-2016 Health Canada Method C-02.2-2017 Health Canada Method C-02.3-2013 Health Canada Method C-02.3-2017 Health Canada MethodC-02.5-2008 Health Canada Method C-05-2014 ANNEX XVII TO REACH Entry 63: 2014
156.	Electronics and Electrical Products	3,3,5,5-Tetrabromobiphenyl (16400-50-3)	IEC 62321-6: 2015, DIRECTIVE 2011/65/EU (2002/95/EC & 2011/65/EU)
157.		Determination of Flame retardant 2,3,3,4,4,5,5,6-Octabromodiphenyl Ether (446255-56-7)	

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Chemical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Hazardous & Restricted Chemicals		
158.		Determination of Flame retardant 2,3,4,4-Tetrabromodiphenyl ether (189084-62-6)	
159.		Determination of Flame retardant, 2,2,3,3,4,4,5,5,6-Nonabromobiphenyl (69278-62-2)	
160.		Determination of Flame retardant, 2,2',3,3',4,4',5,5',6-Nonabromodiphenyl ether (63387-28-0)	
161.		Determination of Flame retardant, 2,2,3,3,4,4,5,5-Octabromobiphenyl (67889-00-3)	
162.		Determination of Flame retardant, 2,2,3,4,4,5-Hexabromodiphenyl ether (18267-30-1)	
163.	Electronics and Electrical Products	Determination of Flame retardant, 2,2,3,4,4-Pentabromodiphenyl ether (182346-21-0)	IEC 62321-6: 2015, DIRECTIVE 2011/65/EU (2002/95/EC & 2011/65/EU)
164.		Determination of Flame retardant, 2,2',4,5',6-Pentabromobiphenyl (59080-39-6)	

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Chemical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Hazardous & Restricted Chemicals		
165.		Determination of Flame retardant, 2,2,4,-Tribromodiphenyl ether (41318-75-6)	
166.		Determination of Flame retardant, 2,2-Dibromobipheny (13029-09-9)	
167.		Determination of Flame retardant, 2,3,3,4,4,5,5-Heptabromobiphenyl (88700-06-5)	
168.		Determination of Flame retardant, 2,3,3,4,4,5,6-Heptabromodiphenyl ether (189084-68-2)	
169.		Determination of Flame retardant, 2,4,5-Tribromobiphenyl (115245-07-3)	
170.		Determination of Flame retardant, 2-Bromobiphenyl (2052-07-5)	
171.	Electronics and Electrical Products	Determination of Flame retardant, 3,3',4,4',5,5'-Hexabromobiphenyl (60044-26-0)	IEC 62321-6: 2015, DIRECTIVE 2011/65/EU (2002/95/EC & 2011/65/EU)

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Chemical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Hazardous & Restricted Chemicals		
172.		Determination of Flame retardant, 3,4-Dibromodipheny Ether (83694-71-7)	
173.		Determination of Flame retardant, 3-Bromodiphenyl Ether (6876-00-2)	
174.		Determination of Flame retardant, Decabromobiphenyl (13654-09-6)	
175.		Determination of Flame retardant, Decabromodiphenyl ether (1163-19-5)	
176.		Determination of total heavy metals- Cadmium, lead, chromium, Mercury and chromium vi in metals, polymers and electronics by ICP-OES and ICP-MS	IEC 62321:2008 IEC 62321:2009 IEC 62321-1:2013, IEC 62321-2:2021 IEC, 62321-4:2013 IEC, 62321-5:2013 IEC 62321-7-1:2015 IEC, 62321-7-2:2017 DIRECTIVE 2011/65/EU, (2002/95/EC & 2011/65/EU)/SVHC
177.	Electronics and Electrical Products	Determination of certain phthalate substances in electrotechnical products by GCMS, BBP (Benzyl butyl phthalate)	IEC 62321-8: 2017, DIRECTIVE 2011/65/EU: 2011

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Chemical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Hazardous & Restricted Chemicals		
178.		Determination of certain phthalate substances in electrotechnical products by GCMS, DBP (Dibutyl phthalate)	
179.		Determination of certain phthalate substances in electrotechnical products by GCMS, DEHP (Di(2-ethylhexyl) phthalate)	
180.		Determination of certain phthalate substances in electrotechnical products by GCMS, DIBP (Di-isobutyl phthalate)	
181.	Hazardous & Restricted Substance Plastic, Metal, ceramic & other Polymeric material	Specific Migration of Heavy Metal-Arsenic (As)	Specific Migration of Heavy metals-23 Elements (Simulants: Artificial Tap Water / 0.5 % citric acid) Indian Food and Safety (Packaging) regulation 2018, Regulation (EC) 1935/2004, Regulation (EU) No.10/2011, REGULATION (EU) 2016/1416,
182.		Specific Migration of Heavy Metal-Barium (Ba)	
183.		Specific Migration of Heavy Metal-Beryllium (Be)	
184.		Specific Migration of Heavy Metal-Copper (Cu)	

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Chemical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Hazardous & Restricted Chemicals		
185.		Specific Migration of Heavy Metal-Manganese (Mn)	(EU) 2017/752, (EU) No 284/2011, EN13130 -1:2004, 2020/1245, EU-10, LFGB, Sec 30, IS 9833-2018, AT-S0012: 2020, EN 14350, IS 14625/IS 3565, ASTM F963, FDA 21 CFR, IS 14407: 2024
186.		Specific Migration of Heavy Metal-Tin (Sn)	
187.		Specific Migration of Heavy Metal-Vanadium (V)	
188.		Specific Migration of Heavy Metal-Zinc (Zn)	
189.		Specific Migration of Heavy Metal-Antimony (Sb)	
190.		Specific Migration of Heavy Metal-Barium (Ba)	
191.		Specific Migration of Heavy Metal-Lead (Pb)	
192.		Specific Migration of Heavy Metal-Magnesium (Mg)	
193.		Specific Migration of Heavy Metal-Thallium (Tl)	
194.		Specific Migration of Heavy Metal-Titanium (Ti)	

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Chemical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Hazardous & Restricted Chemicals		
195.		Specific Migration of Heavy Metal-Iron (Fe)	Specific Migration of Heavy metals-23 Elements (Simulants: Artificial Tap Water / 0.5 % citric acid) Indian Food and Safety (Packaging) regulation 2018, Regulation (EC) 1935/2004, Regulation (EU) No.10/2011, REGULATION (EU) 2016/1416, (EU) 2017/752, (EU) No 284/2011, EN13130 -1:2004, 2020/1245, EU-10, LFGB, Sec 30, IS 9833-2018, AT-S0012: 2020, EN 14350, IS 14625/IS 3565, ASTM F963, FDA 21 CFR, IS 14407: 2024
196.		Specific Migration of Heavy Metal-Molybdenum (Mo)	
197.		Specific Migration of Heavy Metal-Aluminum (Al)	
198.		Specific Migration of Heavy Metal-Beryllium (Be)	
199.		Specific Migration of Heavy Metal-Cadmium (Cd)	
200.		Specific Migration of Heavy Metal-Chromium (Cr)	
201.		Specific Migration of Heavy Metal-Cobalt (Co)	
202.		Specific Migration of Heavy Metal-Lithium (Li)	
203.		Specific Migration of Heavy Metal-Mercury (Hg)	
204.		Specific Migration of Heavy Metal-Nickel (Ni)	

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Chemical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Hazardous & Restricted Chemicals		
205.		Specific Migration of Heavy Metal-Silver (Ag)	
206.		Specific Migration of Heavy Metal-Europium (Eu)	
207.		Specific Migration of Heavy Metal-Gadolinium (Gd)	
208.		Specific Migration of Heavy Metal-Lanthanum (La)	
209.		Specific Migration of Heavy Metal-Terbium (Tb)	
210.	Hazardous & Restricted Substance Plastic, Metal, ceramic & other Polymeric material	Overall Migration in materials and articles in contact with foodstuffs	IS 9845-1998 (R2015) Indian Food and Safety (Packaging) regulation 2018, ISO 1186-1:2002, Regulation (EC) 1935/2004, Regulation (EU) No. 10/2011, REGULATION (EU) 2016/1416, (EU) No 284/2011, (EU) 2017/752, EN 14350, IS 14625/IS 3565, ASTM F963, FDA 21 CFR, IS 14407: 2024

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Chemical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Hazardous & Restricted Chemicals		
211.	Polymers, Plastics, Organic & Inorganic Materials, Raw Materials	Melting Temperature (Tm), Phase Transition Temperature by Differential Scanning Calorimetry (DSC)	ISO 11357-3:2025, ASTM D3418
212.	Hazardous & Restricted Substance Petroleum Products, Lubricating Oils, Chemicals, Polymers	Water Content by Karl Fischer Titration	ASTM D6304, DIN EN ISO 12937, ASTM D7923
213.	Hazardous & Restricted Substance Polymers, Plastics, Rubber Materials, Polyolefins (PE, PP), Plastics, Organic & Inorganic Materials, Polymers	Quantitative Chemical Analysis by FTIR	ASTM D3677, D2124, E168, E1252, ISO 10640
214.	Hazardous & Restricted Substance Plastic, Metal, ceramic & other Polymeric material	Sensorial test	DIN 10955: 2004, IS 14756: 2024
215.	Leather, Textile & Footwear	Migration of Heavy Metal-Antimony	IS 5168: 2018, IS 14625: 2015
216.		Migration of Heavy Metal-Arsenic	
217.		Migration of Heavy Metal-Chromium	

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Chemical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Hazardous & Restricted Chemicals		
218.	Leather, Textile & Footwear	Migration of Heavy Metal-mercury	
219.		Migration of Heavy Metal-cadmium	
220.		Migration of Heavy Metal-Lead	
221.		Migration of Heavy Metal-barium	
222.		Migration of Heavy Metal-selenium	
223.		Vegetable Tanned Sole Leather Specification-Total ash	IS 579: 2017
224.		pH value	IS 582-9: 2022/ ISO 4045:2018/ IS 1390: 2022/ Cl. 5.4.7, 5.5.4, 5.6.2, 5.7.2 of ISO 20345: 2021, Cl. 8 (Table 6) of IS 3976 (A1: 2021): 2018
225.		Degree of tannage	Cl. 8.3, 14.3 of IS 1989-2(A1: 1988 + A2: 1999): 1986/ IS 1989-1 (A1: 1988 + A2: 1995 + A3: 1998 + A4: 2003): 1986/ IS 579: 2017/ IS 582 (A1: 1976): 1970
226.		Total ash content	IS 582: 1970
227.		Heavy Metals	IS 582 (Part 6 /Sec 1): 2018

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Chemical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Hazardous & Restricted Chemicals		
228.		Free Sulphur/Sulphur dyes	Cl. 5.2.3.1, 5.2.6 and 5.2.8.3 of IS 3976 (A1: 2021): 2018, Cl. 8 (Table 6) of IS 3976 (A1: 2021): 2018, Cl. 4.2.1 of IS 12254: 1993, Cl. 5.2.3.1, 5.2.6 and Cl. 5.2.9 (Annex C) of IS 14544: 1998
229.	Leather, Textile & Footwear	Determination of total concentration of certain elements, Aluminium (Al)	ISO 17072-2: 2019
230.		Determination of total concentration of certain elements, Antimony (Sb)	
231.		Determination of total concentration of certain elements, Arsenic (As)	
232.		Determination of total concentration of certain elements, Barium (Ba)	
233.		Determination of total concentration of certain elements, Boron (B)	

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Chemical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Hazardous & Restricted Chemicals		
234.		Determination of total concentration of certain elements, Cadmium (Cd)	
235.		Determination of total concentration of certain elements, Chromium (Cr)	
236.		Determination of total concentration of certain elements, Cobalt (Co)	
237.		Determination of total concentration of certain elements, Copper (Cu)	
238.		Determination of total concentration of certain elements, Ferrum (Fe)	
239.		Determination of total concentration of certain elements, Lead (Pb)	
240.	Leather, Textile & Footwear	Determination of total concentration of certain elements, Manganese (Mn)	ISO 17072-2: 2019

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Chemical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Hazardous & Restricted Chemicals		
241.		Determination of total concentration of certain elements, Mercury (Hg)	
242.		Determination of total concentration of certain elements, Nickel (Ni)	
243.		Determination of total concentration of certain elements, Selenium (Se)	
244.		Determination of total concentration of certain elements, Strontium (Sr)	
245.		Determination of total concentration of certain elements, Tin (Sn)	
246.		Determination of total concentration of certain elements, Zinc (Zn)	
247.		OPA Specification test- Aluminium	IS 798: 2020
248.		Antimony	

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Chemical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Hazardous & Restricted Chemicals		
249.		Arsenic	
250.		Calcium	
251.		Chlorides	
252.		Iron	
253.		Lead	
254.		Magnesium	
255.		Manganese	
256.		Mercury	
257.		Molybdenum	
258.		Nitrates	
259.		Oxygen absorbed	IS 798: 2020
260.	ISO 17072-2: 2019	Relative Density	
261.		Silica	
262.		Sulphates	
263.		Volatile acids	
264.		Orthophosphoric acid (H3 PO4), percent by mass, Min	
265.		Migration of Heavy Metal-Antimony	IS 14625: 2015

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Chemical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Hazardous & Restricted Chemicals		
266.		Migration of Heavy Metal-Arsenic	
267.		Migration of Heavy Metal-Chromium	
268.		Migration of Heavy Metal-mercury	
269.		Migration of Heavy Metal-cadmium	
270.		Migration of Heavy Metal-Lead	
271.		Migration of Heavy Metal-barium	
272.	IS 798: 2020	Migration of Heavy Metal-selenium	IS 14625: 2015
273.		Phthalic acid (DEHP)	
274.	Hazardous & Restricted Chemicals Textile & Textile Products Toys and sports equipment Computing & Communications Equipment Consumer Electronics ROHS Lighting: Lamps, Lighting, Fixtures, Light Bulbs Power Tools Small Household Appliances Large Household Appliances Plastics & Other Polymeric Products	Leachable lead and cadmium from ceramic surfaces	ASTM C 738 -1994 (2025), Health Canada Method C10-2017, Health Canada Method C-09-2012, ISO 7086-1:2019, ISO 6486-1:2019, ISO 6486-2:1999, ASTM C 927-25a, BS EN 1388-1:1996, BS EN 1388-2:1996, BS 6748, IS 9806, DIN 51031

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Chemical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Hazardous & Restricted Chemicals		
	Leather Products Prints Zippers Paints Other (Accessories & Apparels)		
275.	Leather, Textile & Footwear	Polyphosphoric Acid - Manganese	IS 17439: 2020
276.		Aluminium	
277.		Antimony	
278.		Arsenic	
279.		Calcium	
280.		Chlorides	
281.	IS 798: 2020	Iron	IS 17439: 2020
282.		Lead	
283.		Magnesium	
284.		Mercury	
285.		Molybdenum	
286.		Nitrates	
287.		Phosphoric acid H3 PO4 (percent by mass)	
288.		Phosphorus pentoxide P2 O5 (percent by mass)	

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Chemical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Hazardous & Restricted Chemicals		
289.		Relative density	
290.		Silica	
291.		Sulphates	
292.		Migration of Certain Elements- Lead (Pb)	BS EN 16711-2:2015
293.		Migration of Certain Elements, Nickel (Ni)	
294.		Migration of Certain Elements, Cobalt (Co)	
295.		Migration of Certain Elements, Arsenic (As)	
296.	Leather, Textile & Footwear	Migration of Certain Elements, Copper (Cu)	BS EN 16711-2:2015
297.		Migration of Certain Elements, Mercury (Hg)	
298.		Migration of Certain Elements, Antimony (Sb)	
299.		Migration of Certain Elements, Cadmium (Cd)	
300.		Migration of Certain Elements, Chromium (Cr)	

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Chemical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Hazardous & Restricted Chemicals		
301.		Migration of Certain Elements- Aluminium	EN 71-3 /BS EN 71-3: 2019, EN 16711-3/ BS EN 16711-3: 2019
302.		Antimony	
303.		Arsenic	
304.		Barium	
305.		Boron	
306.		Cadmium	
307.		Chromium (III)	
308.		Chromium (VI)	
309.		Cobalt	
310.	Leather, Textile & Footwear	Copper	EN 71-3 /BS EN 71-3: 2019, EN 16711-3/ BS EN 16711-3: 2019
311.	Leather, Textile & Footwear	Lead	
312.		Manganese	
313.		Mercury	
314.		Nickel	
315.		Organic tin	
316.		Selenium	
317.		Strontium	

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Chemical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Hazardous & Restricted Chemicals		
318.		Tin	
319.		Zinc	
320.	Toys, Sports Equipment and Similar Products	Migration of Certain Elements Safety of Toys Part 3 Migration of Certain Elements, Antimony (Sb)	ISO 8124-3:2020, IS 9873-7, IS 9873-3:2020, ASTM F2999:19, ISO 8124-3-10, ISO 8124-11: 2019
321.		Migration of Certain Elements Safety of Toys Part 3 Migration of Certain Elements, Arsenic (As)	ISO 8124-3:2020/Amd.1 :2023, IS 9873-7, IS 9873-3: 2020, ASTM F2999:19, ISO 8124-3-10, ISO 8124-11
322.		Migration of Certain Elements Safety of Toys Part 3 Migration of Certain Elements, Barium (Ba)	
323.		Migration of Certain Elements Safety of Toys Part 3 Migration of Certain Elements, Cadmium (Cd)	
324.		Migration of Certain Elements Safety of Toys Part 3 Migration of Certain Elements, Chromium (Cr)	
325.	Toys, Sports Equipment and Similar Products	Migration of Certain Elements Safety of Toys Part 3 Migration of Certain Elements, Lead (Pb)	

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Chemical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Hazardous & Restricted Chemicals		
326.		Migration of Certain Elements Safety of Toys Part 3 Migration of Certain Elements, Mercury (Hg)	
327.		Migration of Certain Elements Safety of Toys Part 3 Migration of Certain Elements, Selenium (Se)	
328.		Migration of Certain Elements Safety of Toys Part 3 Migration of Certain Elements, Boron (B)	
329.	Toys, Sports Equipment and Similar Products	Safety of Toys Part 6 & 9 Determination of Certain Phthalate Esters in Toys and Children's products, Di-n-butyl phthalate (DBP)	IS 9873: Part 6: 2025, IS 9873 (Part 9):2017
330.	Toys, Sports Equipment and Similar Products	Safety of Toys Part 6 & 9 Determination of Certain Phthalate Esters in Toys and Children's products, Bis(2-ethylhexyl) phthalate (DEHP)	IS 9873: Part 6: 2025, IS 9873 (Part 9):2017
331.		Safety of Toys Part 6 & 9 Determination of Certain Phthalate Esters in Toys and Children's	

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Chemical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Hazardous & Restricted Chemicals		
		products, Butyl Benzyl phthalate (BBP)	
332.		Safety of Toys Part 6 & 9 Determination of Certain Phthalate Esters in Toys and Children's products, Di-iso-decyl phthalate (DIDP)	
333.		Safety of Toys Part 6 & 9 Determination of Certain Phthalate Esters in Toys and Children's products, Di-iso-nonyl phthalate (DINP)	
334.		Safety of Toys Part 6 & 9 Determination of Certain Phthalate Esters in Toys and Children's products, Di-n-octyl phthalate (DNOP)	
335.	Toys, Sports Equipment and Similar Products	Determination of total concentration of heavy metals Lead (Pb) Cadmium (Cd)	ISO 8124-5:2015 DIN 54233-1:2010 PDCR 13695-1:2000 PDCR 13695-2:2004 The European Directive 94/62/EC1 on packaging and packaging waste, and the

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Chemical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Hazardous & Restricted Chemicals		
		Aluminium (Al) Antimony (Sb) Arsenic (As) Barium (Ba) Boron (B) Chromium (Cr) Cobalt (Co) Copper (Cu) Manganese (Mn) Mercury (Hg) Nickel (Ni) Selenium (Se) Strontium (Sr) Tin (Sn) Zinc (Zn) Ferrous (Fe)	regulation of the Coalition of Northeastern Governors (CONEG) EN 16711-1:2015 ISO 17072-2:2011 GB/T 30157-2013 CPSC-CHE1001-08.3: Nov15,2012 CPSC-CHE1002-08.3: Nov15,2012 CPSC-CH-E1003-09.1: Feb25,2011 16 CFR Part1303:2018: 2018
336.	Toys, Sports Equipment and Similar Products	Determination of Certain Phthalate Esters di iso butyl phthalate (DIBP)	ISO 14389: 2022, ASTM F 2999-19, F 2923-20, EN 14372
337.		Determination of Certain Phthalate Esters, Bis(2-ethylhexyl) phthalate (DEHP)	

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Chemical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Hazardous & Restricted Chemicals		
338.		Determination of Certain Phthalate Esters, Butyl Benzyl phthalate (BBP)	
339.		Determination of Certain Phthalate Esters, di n hexyl phthalate	
340.		Determination of Certain Phthalate Esters, Di-iso-decyl phthalate (DIDP)	
341.		Determination of Certain Phthalate Esters, Di-iso-nonyl phthalate (DINP)	
342.		Determination of Certain Phthalate Esters, Di-n-butyl phthalate (DBP)	
343.		Determination of Certain Phthalate Esters, Di-n-octyl phthalate (DNOP)	
344.	Toys, Sports Equipment, Finger paint and Similar Products	N-Nitroso dimethylamine	Clause 4.9 of IS 9873-7:2017, Clause 4.9 of ISO 8124-7: 2015, ISO 8124-7: 2015/ Clause 4.9 of EN 71-7/BS EN 71-7:2025, Clause 7.2.1 and Clause 8 of EN 71-12:2016, BS EN 14350, IS
345.		N-Nitrosodiethylamine	
346.		N-Nitrosodipropylamine	
347.		N-Nitrosodibutylamine	
348.		N-Nitrosopiperidine	
349.		N-Nitroso pyrrolidine	

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Chemical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Hazardous & Restricted Chemicals		
350.	Toys, Sports Equipment, finger paints and Similar Products	N-Nitrosomorholine	14625/IS 3565, ASTM F963, FDA 21 CFR
351.		N-Nitroso-N-methylaniline	
352.		Poly Chlorinated biphenyl (PCB), HCB	Clause 4.5.2 of IS 9873-7: 2017, Clause 4.5.2 of ISO 8124-7: 2015, ISO 8124-7: 2015/ Clause 4.5.2 of EN 71-7/BS EN 71-7::2025
353.		Poly Chlorinated biphenyl (PCB), PCB 101	
354.		Poly Chlorinated biphenyl (PCB), PCB 11	
355.		Poly Chlorinated biphenyl (PCB), PCB 118	
356.		Poly Chlorinated biphenyl (PCB), PCB 138	
357.		Poly Chlorinated biphenyl (PCB), PCB 153	
358.		Poly Chlorinated biphenyl (PCB), PCB 180	
359.		Poly Chlorinated biphenyl (PCB), PCB 209	
360.		Poly Chlorinated biphenyl (PCB), PCB 28	

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Chemical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Hazardous & Restricted Chemicals		
361.		Poly Chlorinated biphenyl (PCB), PCB 52	
362.	Toys, Sports Equipment, finger paints and Similar Products	Bisphenol A	CEN/TS 13130-13:2005
363.	Leather, Sports Equipment and Similar Products	Determination of lead content	IS 12240 (Part 5):1988, Cl. 5.7 of IS 12254: 1993
364.	Paints- Container of Finger paints	Label Containing warning of taste & smell	IS 9873-7:2017, ISO 8124-7: 2015, EN 71-7/BS EN 71-7:2025
365.	Finger paints	azo-dyes-aminobiphenyl	Clause 4.2 and 4.5.1 of IS 9873-7:2017, Clause 4.2 and 4.5.1 of ISO 8124-7: 2015, / Clause 4.2 and 4.5.1 of EN 71-7/BS EN 71-7:2025
366.		Benzidine	
367.		4-chloro-o-toluidine	
368.		2-naphthylamine	
369.		o-aminoazotoluene	
370.		2-amino-4-nitrotoluene	
371.		p-chloroaniline	
372.		2,4-diaminoanisole	
373.		4,4'- diaminodiphenylmethane	
374.		3,3'-dichlorobenzidine	
375.		3,3'-dimethoxybenzidine	

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Chemical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Hazardous & Restricted Chemicals		
376.		3,3'-dimethylbenzidine	
377.	Finger paints	3,3'-dimethyl-4,4'-diaminodiphenylmethane	Clause 4.2 and 4.5.1 of IS 9873-7:2017, Clause 4.2 and 4.5.1 of ISO 8124-7: 2015, / Clause 4.2 and 4.5.1 of EN 71-7/BS EN 71-7:2025
378.		p-cresidine	
379.		4,4'-methylen-bis(2-chloraniline)	
380.		4,4'-oxydianiline	
381.		4,4'-thiodianiline	
382.		o-toluidine	
383.		2,4-toluylendiamine	
384.		2,4,5-trimethylaniline	
385.		2,4-dimethylaniline (=2,4-Xylidine)	
386.		2,6-dimethylaniline (=2,6-Xylidine)	
387.		2-methoxyaniline (=o-anisidine)	
388.		4-aminoazobenzene	
389.		General Requirement	Clause 4.1 of IS 9873-7: 2017, Clause 4.1 of ISO 8124-7: 2015, Clause 4.1 of EN 71-7/BS EN 71-7:2025

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Chemical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Hazardous & Restricted Chemicals		
390.		Polycyclic Aromatic Hydrocarbons (PAHs)- Benzo(a)pyrene	Clause 4.5.2 of IS 9873-7: 2017, Clause 4.5.2 of ISO 8124-7: 2015, Clause 4.5.2 of EN 71-7/BS EN 71-7:2025
391.	Finger Paints	Benzo(e)pyrene	Clause 4.5.2 of IS 9873-7: 2017, Clause 4.5.2 of ISO 8124-7: 2015, Clause 4.5.2 of EN 71-7/BS EN 71-7:2025
392.		Benz(a)anthracene	
393.		Benzo(a)phenanthrene	
394.		Benzo(b)flouranthene	
395.		Benzo(j)flouranthene	
396.		Benzo(k)flouranthene	
397.		Dibenzo(a,h)anthracene	
398.		Naphthalene	
399.		Acenaphthylene	
400.		Acenaphthene	
401.		Flourene	
402.		Phenanthrene	
403.		Anthracene	
404.		Fluoranthene	
405.		Pyrene	

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Chemical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Hazardous & Restricted Chemicals		
406.		Benzo(ghi)perylene	
407.		Indeno(1,2,3-cd) pyrene	
408.		Labelling guideline	IS 9873-7:2017, ISO 8124-7: 2015, ISO 8124-7: 2015, EN 71-7/BS EN 71-7:2025
409.	Finger Paints	Migration of Certain Elements Safety of Toys Part 3 Migration of Certain Elements, Antimony (Sb)	Clause 4.4 of IS 9873-7: 2017, Clause 4.4 of ISO 8124-7: 2015, ISO 8124-7: 2015/ Clause 4.4 of EN 71-7/BS EN 71-7:2025, ASTM F963-23
410.		Migration of Certain Elements Safety of Toys Part 3 Migration of Certain Elements, Arsenic (As)	
411.		Migration of Certain Elements Safety of Toys Part 3 Migration of Certain Elements, Barium (Ba)	
412.		Migration of Certain Elements Safety of Toys Part 3 Migration of Certain Elements, Cadmium (Cd)	
413.	Finger Paints	Migration of Certain Elements Safety of Toys Part 3 Migration of Certain Elements, Chromium (Cr)	Clause 4.4 of IS 9873-7: 2017, Clause 4.4 of ISO 8124-7: 2015, ISO 8124-7: 2015/ Clause 4.4 of

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Chemical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Hazardous & Restricted Chemicals		
414.		Migration of Certain Elements Safety of Toys Part 3 Migration of Certain Elements, Lead (Pb)	EN 71-7/BS EN 71-7:2025, ASTM F963-23
415.		Migration of Certain Elements Safety of Toys Part 3 Migration of Certain Elements, Mercury (Hg)	
416.		Migration of Certain Elements Safety of Toys Part 3 Migration of Certain Elements, Selenium (Se)	
417.		pH Value	Clause 4.7 of IS 9873-7: 2017, Clause 4.7 of ISO 8124-7: 2015, ISO 8124-7: 2015, Clause 4.7 of EN 71-7/BS EN 71-7:2025, ISO 787-9: 2019
418.		Preservatives: 2- phenylphenol (OPP), MIT, Triclosan	Clause 4.3 of IS 9873-7: 2017, Clause 4.3 of ISO 8124-7: 2015, ISO 8124-7: 2015/ Clause 4.3 of EN 71-7/BS EN 71-7:2025
419.		Taste and Smell: Naringin (10236-47-2), Denatonium Benzoate (3734-33-6)	Clause 4.6 of IS 9873-7: 2017, Clause 4.6 of ISO 8124-7: 2015, ISO 8124-7: 2015/ Clause 4.6 of EN 71-7/BS EN 71-7:2025

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Chemical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Hazardous & Restricted Chemicals		
420.		Visual Check of Binding agents, extenders, humectants and surfactants	Clause 4.8 of IS 9873-7: 2017, Clause 4.8 of ISO 8124-7: 2015, ISO 8124-7: 2015/ Clause 4.8 of EN 71-7/BS EN 71-7:2025
421.	Finger Paints	impurities in Finger Paints:1) Hexachlorobenzene (CAS No. 118-74-1)	Clause 4.6 of IS 9873-7: 2017, Clause 4.6 of ISO 8124-7: 2015, ISO 8124-7: 2015/ Clause 4.6 of EN 71-7/BS EN 71-7:2025
422.	Textile and Similar Products	Formaldehyde spot test on textile	CPSD-AN-00018-MTHD, AATCC 94-2017
423.	Toys, Sports Equipment, wood and Similar Products	Moisture contents	EN/BS EN 13183-1:2002
424.	Caustic soda	Sodium carbonate (as Na2CO3), percent by mass	IS 252: 2013
425.		Sodium hydroxide (as NaOH), percent by mass,	
426.		Chlorides (as Cl), percent by mass	
427.		Sulphates (as SO42-), percent by mass	
428.		Silicates (as SiO2), percent by mass	
429.		Iron (as Fe)	
430.		Copper (as Cu)	

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Chemical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Hazardous & Restricted Chemicals		
431.		Manganese (as Mn)	
432.		Chlorates and Perchlorates (as NaClO3)	
433.	Caustic soda	Matter Insoluble in water, % by mass	IS 252: 2013
434.		Total Mercury (as Hg),	
435.		Sodium Hydroxide (as NaOH), % by mass on dry basis	
436.		Packing	
437.		Marking	
438.	Boric Acid	Boric acid (as H3BO3), percentage by mass	IS 10116:2015
439.		Moisture percent by mass	
440.		Water insoluble matter, percent by mass	
441.		Lead (as Pb), percent by mass	
442.		Iron (as Fe), percentage by mass,	
443.		Calcium (as Ca), percent by mass	
444.		Arsenic (as As), percent by mass	
445.		Sodium (as Na), percent by mass	

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Chemical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Hazardous & Restricted Chemicals		
446.		Chloride (Cl), percent by mass	
447.		Sulphate (as SO4), percent by mass	
448.		Phosphate (PO4), percent by mass	
449.		Marking	
450.	Morpholine	Purity (as Morpholine), percent by mass	IS 12084: 2018
451.		Relative density	
452.		Colour	
453.		Boiling range	
454.		Residue, on evaporation	
455.		Ash content	
456.		Iron (as Fe)	
457.		Copper (as Cu)	
458.		Nickel (as Ni)	
459.		Silica (as SiO2)	
460.		Chloride (as Cl)	
461.	Barium carbonate for ceramic and glass industry	Barium (as Ba), percent by mass	IS 12928: 1990
462.		Volatile Matter, percent by mass	

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Chemical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Hazardous & Restricted Chemicals		
463.		Matter Insoluble in Hydrochloric acid	
464.		Free alkali	
465.		Water soluble sulphide (as S), percent by mass	
466.		Sulphur (as SO4), percent by mass	
467.	Barium carbonate for ceramic and glass industry	Alkali and other metal sulphates (as BaSO4, percent by mass	IS 12928: 1990
468.		Sodium oxide (as Na2O), percent by mass	
469.		Total iron (as Fe2O3), percent by mass	
470.		Tap density, g/ml	
471.		Residue retained on 63 micron IS Sieve, percent by mass	
472.		Packing	
473.		Marking	
474.	Phosphorous Pentachloride	Phosphorus Pentachloride (as PCl5), percent by mass	IS 11744: 2020
475.		Bulk Density	

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Chemical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Hazardous & Restricted Chemicals		
476.		Iron	
477.		Lead	
478.		Sulphate	
479.	Sodium Formaldehyde Sulphoxylate	Sodium formaldehyde sulphoxylate dihydrate, percent by mass	IS 4505:2015
480.		pH	
481.		Iron	
482.	Sodium Formaldehyde Sulphoxylate	Copper	IS 4505:2015
483.		Zinc	
484.	Phthalic Anhydride	Crystallizing Point	IS 5158 :2025
485.		Colour of the molten material, Hazen unit	
486.		Free Acidity, percent by mass	
487.		Total available acidity, percent by mass	
488.		Malic anhydride and other Oxidizable impurities	
489.		Ash, ppm	
490.		Iron content, ppm	

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Chemical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Hazardous & Restricted Chemicals		
491.		Naphtha Quin-one, ppm	
492.		Naphthalene	
493.	Ether	Odour,	IS 336: 2021
494.		Solubility	
495.		Relative Density	
496.		Peroxides	
497.		Distillation Range	
498.		Residue on evaporation	
499.	Ether	Methyl Alcohol	IS 336: 2021
500.		Aldehydes and Acetones	
501.		Sulphurous acid and other free acids	
502.	Potassium carbonate, anhydrous	Total Alkalinity	IS 7129: 2021
503.		Potassium bicarbonate	
504.		Determination of sulphates	
505.		Chlorides	
506.		Matter insoluble in water	
507.		Iron (as Fe)	

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Chemical Testing			
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	Hazardous & Restricted Chemicals		
508.		Lead (as Pb)	
509.		Determination of loss on heating at 150 ºc	
510.		Determination of sodium	
511.		Determination of calcium	
512.		Determination of magnesium	
513.	Hazardous & Restricted Chemicals: Textile &Textile Products, Toys and sports equipment, Computing & Communications Equipment, Consumer Electronics, ROHS, Lighting: Lamps, Lighting, Fixtures, Light Bulbs, Power Tools, Small Household appliances, Large Household Appliances, Plastics & Other Polymeric Products, Leather Products, Prints, Zippers, Paints, Other (Accessories & Apparels)	Determination of total concentration of certain elements. Lead (Pb)Cadmium (Cd) Aluminium (Al) Antimony (Sb) Arsenic (As) Barium (Ba) Boron(B) Chromium (Cr) Cobalt (Co) Copper (Cu) Manganese (Mn) Mercury (Hg) Nickel (Ni) Selenium (Se) Strontium (Sr) Tin (Sn) Zinc (Zn) Ferrous (Fe)	IS 9873: Part 5: 2017, ISO 8124-5:2015 DIN 54233-1:2010 PDCR13695-1:2000 PDCR13695-2:2004 The European Directive94/62/EC1 on packaging and packaging waste, and the regulation of the Coalition of North eastern Governors (CONEG) EN/BS EN 16711-1:2015 ISO 17072-2:2011 GB/T30157-2013 CPSC CHE1001-08.3: Nov15,2012CPSC-CHE1002-08.3: Nov15,2012CPSC-CH-E1003-09.1: Feb25,2011 16 CFR Part 1303: 2018: 2018

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Chemical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Hazardous & Restricted Chemicals		
514.	Waste Water, Incoming water, Sludge, Dyes and Chemicals (Effluents/ Sewage/Sludge) ZDHC (Zero Discharge of Hazardous Chemical) discharged waste water (after ETP) raw waste water (before ETP) incoming water ZDHC (Zero Discharge of Hazardous Chemical)	Alkyl Phenol -AP (OP And NP) and Alkyl phenol Ethoxylates Analysis - APEO (NPEO and OPEO)	NP/OP: ISO 18857-2 (modified dichloromethane extraction) or ASTM D7065 (GC-MS or LC-MS(-MS) OPEO/NPEO (n>2): ASTM D7742 ISO 18857-2
515.		Anti- Microbials & Biocides, Table 1B- o-Phenylphenol (+salts)	USEPA 8270E Solvent extraction, derivatisation with KOH, acetic anhydride followed by GC-MS BS EN 12673-1999 an alternative method of solvent extraction and derivatization are included
516.	Waste Water, Incoming water, Sludge, Dyes and Chemicals (Effluents/ Sewage/Sludge) ZDHC (Zero Discharge of Hazardous Chemical) discharged waste water (after ETP) raw waste water (before ETP) incoming water ZDHC (Zero	Triclosan	
517.		Permethrin	
518.		Chlorinated Paraffins, Table 1C- Medium-chain Chlorinated paraffins (MCCPs) (C14-C17)	Preparation: EPA 3510 Analysis: ISO18219-2:2021 Method for MCCP with GC-MS(NCI) or LC-MS/MS, ISO Dichloromethane extraction GC/MS or LC/MS(-MS)
519.		Short-chain Chlorinated paraffin (C10 – C13)	Preparation EPA 3510 Analysis: ISO18219-1:2021, ISO

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Chemical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Hazardous & Restricted Chemicals		
	Discharge of Hazardous Chemical)		12010:2019 Methods for SCCP with GC-MS(NCI) or LC-MS/MS
520.		Chlorobenzenes and Chlorotoluene, Table 1D-Hexachlorobenzene	USEPA 8260D, 8270E, Purge and Trap, Dichloromethane extraction followed by GC-MS
521.		1,2,3-trichlorobenzene	
522.		1,2,4-trichlorobenzene	
523.		1,3,5-trichlorobenzene	
524.		1,2,3,4-tetrachlorobenzene	
525.		1,2,3,5-tetrachlorobenzene	
526.		1,2,4,5-tetrachlorobenzene	
527.		Penta chlorobenzene	
528.	Waste Water, Incoming water, Sludge, Dyes and Chemicals (Effluents/ Sewage/Sludge) ZDHC (Zero Discharge of Hazardous Chemical) discharged waste water (after ETP) raw waste water (before ETP) incoming water ZDHC (Zero	Monochlorobenzene	USEPA 8260D, 8270E, Purge and Trap, Dichloromethane extraction followed by GC-MS
529.		1,3-dichlorobenzene	
530.		1,4-dichlorobenzene	
531.		1,2-dichlorobenzene	
532.		2-chlorotoluene	
533.		3-chlorotoluene	
534.		4-chlorotoluene	

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Chemical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Hazardous & Restricted Chemicals		
535.	Discharge of Hazardous Chemical)	2,3-dichlorotoluene	
536.		2,5-dichlorotoluene	
537.		2,6-dichlorotoluene	
538.		2,4-dichlorotoluene	
539.		3,4-dichlorotoluene	
540.		2,3,6-trichlorotoluene	
541.		2,4,5-trichlorotoluene	
542.		Tetrachlorotoluene	
543.		2,3,4,5,6-pentachlorotoluene	
544.		Chlorophenols, Table 1E-2-chlorophenol	USEPA 8270E Solvent extraction, derivatisation with KOH, acetic anhydride followed by GC-MS BS EN 12673-1999 the procedure of solvent extraction and derivatisation are included, ISO 14154
545.	Waste Water, Incoming water, Sludge, Dyes and Chemicals (Effluents/ Sewage/Sludge) ZDHC (Zero Discharge of Hazardous Chemical)	3-chlorophenol	USEPA 8270E Solvent extraction, derivatisation with KOH, acetic anhydride followed by GC-MS BS EN12673-1999 the procedure of solvent extraction and
546.		4-chlorophenol	
547.		2,3-dichlorophenol	
548.		2,4-dichlorophenol	

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Chemical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Hazardous & Restricted Chemicals		
549.	discharged waste water (after ETP) raw waste water (before ETP) incoming water ZDHC (Zero Discharge of Hazardous Chemical)	2,5-dichlorophenol	derivatisation are included, ISO 14154
550.		2,6-dichlorophenol	
551.		3,4-dichlorophenol	
552.		3,5-dichlorophenol	
553.		2,3,4-trichlorophenol	
554.		2,3,5-trichlorophenol	
555.		2,3,6-trichlorophenol	
556.		2,4,5-trichlorophenol	USEPA 8270E Solvent extraction, derivatisation with KOH, acetic anhydride followed by GC-MS BS EN12673-1999 the procedure of solvent extraction and derivatisation are included, ISO 14154
557.		2,4,6-trichlorophenol	
558.		3,4,5-trichlorophenol	
559.		2,3,5,6-tetrachlorophenol	
560.		2,3,4,6-tetrachlorophenol	
561.	Waste Water, Incoming water, Sludge, Dyes and Chemicals (Effluents/ Sewage/Sludge) ZDHC (Zero Discharge of Hazardous Chemical) discharged waste water (after ETP) raw waste water (before ETP)	2,3,4,5-tetrachlorophenol	
562.		Pentachlorophenol (PCP)	
563.		N, N-di-methyl formamide (DMFa), Table 1F-	EPA 8015, EPA 8270E
564.		Dyes – Carcinogenic & Disperse or Equivalent Concern, Table 1G,1H,1I-Basic violet 3	Liquid extraction, LC-MS, Ref method-ISO 16373- 3: 2014, SOP-ANL-05

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Chemical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Hazardous & Restricted Chemicals		
565.	incoming water ZDHC (Zero Discharge of Hazardous Chemical)	Acid Red 26	
566.		Acid Violet 49	
567.		Basic Blue 26	
568.		Basic Green 4	
569.		Basic Green 4	
570.		Basic Green 4	
571.		Basic Red 9	
572.		Basic Violet 14	
573.		Direct Black 38	
574.		Direct Blue 6	
575.		Direct Red 28	
576.		Disperse Blue 1	
577.		Disperse Blue 3	
578.	Waste Water, Incoming water, Sludge, Dyes and Chemicals (Effluents/ Sewage/Sludge) ZDHC (Zero Discharge of Hazardous Chemical) discharged	Disperse Orange 11	Liquid extraction, LC-MS, Ref method-ISO 16373- 3: 2014, SOP-ANL-05
579.		Disperse Blue 102	
580.		Disperse Blue 106	
581.		Disperse Blue 124	
582.		Disperse Blue 26	

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Chemical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Hazardous & Restricted Chemicals		
583.	waste water (after ETP) raw waste water (before ETP) incoming water ZDHC (Zero Discharge of Hazardous Chemical)	Disperse Blue 35	
584.		Disperse Blue 35	
585.		Disperse Blue 7	
586.		Disperse Brown 1	
587.		Disperse Orange 1	
588.		Disperse Orange 3	
589.		Disperse Orange 37/59/76	
590.		Disperse Red 1	
591.		Disperse Red 11	
592.		Disperse Red 17	
593.		Disperse Yellow 1	
594.		Disperse Yellow 3	
595.		Disperse Yellow 39	
596.		Disperse Yellow 49	
597.	Waste Water, Incoming water, Sludge, Dyes and Chemicals (Effluents/ Sewage/Sludge) ZDHC (Zero Discharge of Hazardous Chemical)	Disperse Yellow 9	Liquid extraction, LC-MS, Ref method-ISO 16373- 3: 2014, SOP-ANL-05
598.		Navy Blue	
599.		Flame Retardants, Table 1J- Polybromo biphenyls (PBB)	USEPA 8270, ISO 22032, USEPA 527 and USEPA 8321B

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Chemical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Hazardous & Restricted Chemicals		
600.	discharged waste water (after ETP) raw waste water (before ETP) incoming water ZDHC (Zero Discharge of Hazardous Chemical)	Monobromo biphenyls (MonoBB)	Dichloromethane extraction GC-MS or LC-MS(-MS)
601.		Dibromo biphenyls (DiBB)	
602.		Tribromo biphenyls (TriBB)	
603.		Tetrabromo bipenyls (TetraBB)	
604.		Pentabromo biphenyls (PentaBB)	
605.		Hexabromo biphenyls (HexaBB)	
606.		Heptabromo biphenyls (HeptaBB)	
607.		Octabromo biphenyls (OctaBB)	
608.		Nonabromo biphenyls (NonaBB)	
609.		Decabromo biphenyls (DecaBB)	
610.		Pentabromo diphenyl ethers (PentaBDE)	
611.		Octabromo diphenyl ethers (OctaBDE)	
612.		Decabromo diphenyl ethers (DecaBDE)	
613.	Waste Water, Incoming water, Sludge, Dyes and Chemicals (Effluents/ Sewage/Sludge) ZDHC (Zero Discharge of	Tris(2,3-dibromopropyl) phosphate (TRIS)	USEPA 8270, ISO 22032, USEPA 527 and USEPA 8321B Dichloromethane extraction GC-MS or LC-MS(-MS)
614.		Tris(2-chloroethyl) phosphate (TCEP)	

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	Hazardous & Restricted Chemicals		
615.	Hazardous Chemical) discharged waste water (after ETP) raw waste water (before ETP) incoming water ZDHC (Zero Discharge of Hazardous Chemical)	Hexabromocyclododecane (HBCDD)	
616.		Tetrabromobisphenol A (TBBPA)	
617.		Tris(1-aziridinyl) phosphine oxide) (TEPA)	
618.		Bis(2,3-dibromopropyl) phosphate (BIS)	
619.		Tris(1,3-dichloro-2-propyl) phosphate (TDCPP)	
620.		2,2-bis(bromomethyl)-1,3-propanediol (BBMP)	
621.		Glycols / Glycol Ethers, Table 1k-2-ethoxyethanol	USEPA 8270E Liquid extraction, LC-MS GC-MS
622.		2-ethoxyethyl acetate	
623.		2-methoxyethanol	
624.		2-methoxyethylacetate	
625.		2-methoxypropylacetate	
626.		Bis(2-methoxyethyl)-ether	
627.		Ethylene glycol dimethyl ether	

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Chemical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Hazardous & Restricted Chemicals		
628.	Waste Water, Incoming water, Sludge, Dyes and Chemicals (Effluents/ Sewage/Sludge) ZDHC (Zero Discharge of Hazardous Chemical) discharged waste water (after ETP) raw waste water (before ETP) incoming water ZDHC (Zero Discharge of Hazardous Chemical)	Triethylene glycol dimethyl ether	USEPA 8270E Liquid extraction, LC-MS GC-MS
629.		Halogenated Solvents, Table 1L-1,2-dichloroethane	USEPA 8260D Headspace GC-MS or Purge and trap GC-MS
630.		Methylene chloride	
631.		Tetrachloroethylene	
632.		Trichloroethylene	
633.		Organotin Compounds, Table 1M-Monobutyltin (MBT)	DIN EN ISO 17353:2005-11 Derivatisation with NaB (C2H5) GC-MS
634.		Dibutyltin (DBT)	
635.		Tributyltin (TBT)	
636.		Triphenyltin (TPhT)	
637.		Dioctyltin (DOT)	
638.		Monooctyltin (MOT)	
639.		Diphenyltin (DPhT)	
640.		Tetrabutyltin (TeBT)	
641.		Tricyclohexyltin (TCyT)	
642.		Tripropyltin (TPT)	
643.		Tetraethyltin (TeET)	

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Chemical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Hazardous & Restricted Chemicals		
644.		Bis(tributyltin) oxide (TBTO)	
645.		Dibutyltin dichloride (DBTC)	
646.	Waste Water, Incoming water, Sludge, Dyes and Chemicals (Effluents/ Sewage/Sludge) ZDHC (Zero Discharge of Hazardous Chemical) discharged waste water (after ETP) raw waste water (before ETP) incoming water ZDHC (Zero Discharge of Hazardous Chemical)	Triphenyltin (TPT)	DIN EN ISO 17353:2005-11 Derivatisation with NaB (C2H5) GC-MS
647.		Dibutyltin hydrogen borate (DBB)	
648.		Dimethyltin (DMT)	
649.		Trioctyltin (TOT)	
650.		Trimethyltin (TMT)	
651.		Other/Miscellaneous Chemicals, Table 1N-[2-(2-aminoethylamino) ethanol]	Liquid extraction, LCMSMS/ EPA 8270E, Ref EN 17137:2018
652.		Bisphenol A	
653.		Thiourea	
654.		Quinoline	
655.		Perfluorinated and Polyfluorinated Chemicals (PFCs)- PFOA & PFOS	PFCs: EPA 537:2020 FTOH: BS EN 12673-1999, EPA 8270, PFCs: LC-MSMS FTOH: GC-MS Derivatisation with acetic anhydride followed by GC-MS, DIN 38407-42:2011

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Chemical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Hazardous & Restricted Chemicals		
656.		Phthalates-1,2-benzenedicarboxylic acid (DIHP)	USEPA 8270E, ISO 18856 Dichloromethane extraction GC-MS
657.		1,2-benzenedicarboxylic acid (DHNUP)	
658.	Waste Water, Incoming water, Sludge, Dyes and Chemicals (Effluents/ Sewage/Sludge) ZDHC (Zero Discharge of Hazardous Chemical) discharged waste water (after ETP) raw waste water (before ETP) incoming water ZDHC (Zero Discharge of Hazardous Chemical)	Bis(2-methoxyethyl) phthalate (DMEP)	USEPA 8270E, ISO 18856 Dichloromethane extraction GC-MS
659.		Butyl benzyl phthalate (BBP)	
660.		Di-cyclohexyl phthalate (DCHP)	
661.		Di-iso-decyl phthalate (DIDP)	
662.		Di-iso-octyl phthalate (DIOP)	
663.		Di-isobutyl phthalate (DIBP)	
664.		Di-isononyl phthalate (DINP)	
665.		Di-n-hexyl phthalate (DnHP)	
666.		Di-n-octyl phthalate (DNOP)	
667.		Di-n-pentylphthalates	
668.		Di-n-propyl phthalate (DPRP)	
669.		Di(ethylhexyl) phthalate (DEHP)	
670.		Dibutyl phthalate (DBP)	

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Chemical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Hazardous & Restricted Chemicals		
671.		Diethyl phthalate (DEP)	
672.		Diisopentylphthalates	
673.		Dinonyl phthalate (DNP)	
674.		Polycyclic Aromatic Hydrocarbons (PAHs)- Acenaphthene	USEPA 8270E DIN 38407-39 Solvent extraction GC-MS
675.	Waste Water, Incoming water, Sludge, Dyes and Chemicals (Effluents/ Sewage/Sludge) ZDHC (Zero Discharge of Hazardous Chemical) discharged waste water (after ETP) raw waste water (before ETP) incoming water ZDHC (Zero Discharge of Hazardous Chemical)	Acenaphthylene	USEPA 8270E DIN 38407-39 Solvent extraction GC-MS
676.		Anthracene	
677.		Benzo[a]anthracene	
678.		Benzo[a]pyrene (BaP)	
679.		Benzo[b]fluoranthene	
680.		Benzo[e]pyrene	
681.		Benzo[ghi]perylene	
682.		Benzo[j]fluoranthene	
683.		Benzo[k]fluoranthene	
684.		Chrysene	
685.		Dibenz[a,h]anthracene	
686.		Fluoranthene	

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Chemical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Hazardous & Restricted Chemicals		
687.		Fluorene	
688.		Indeno[1,2,3-cd] pyrene	
689.		Naphthalene	
690.		Phenanthrene	
691.		Pyrene	
692.		Aromatic Amines- 2-naphthylamine	Reduction step with sodium dithionite, solvent extraction USEPA 8270E and ISO 14362-1 and ISO 14362- 3 (if needed) GC/MS and LC/MS/MS
693.	Waste Water, Incoming water, Sludge, Dyes and Chemicals (Effluents/ Sewage/Sludge) ZDHC (Zero Discharge of Hazardous Chemical) discharged waste water (after ETP) raw waste water (before ETP) incoming water ZDHC (Zero Discharge of Hazardous Chemical)	2-Naphthylammoniumacetate	Reduction step with sodium dithionite, solvent extraction USEPA 8270E and ISO 14362-1 and ISO 14362- 3 (if needed) GC/MS and LC/MS/MS
694.		2,4-xylidine	
695.		2,4,5-trimethylaniline	
696.		2,6-xylidine	
697.		3,3'-dichlorobenzidine	
698.		3,3-dimethoxylbenzidine	
699.		3,3-dimethylbenzidine	
700.		4-aminoazobenzene	
701.		4-aminodiphenyl	

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Chemical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Hazardous & Restricted Chemicals		
702.	Waste Water, Incoming water, Sludge, Dyes and Chemicals (Effluents/ Sewage/Sludge) ZDHC (Zero Discharge of Hazardous Chemical) discharged waste water (after ETP) raw waste water (before ETP) incoming water ZDHC (Zero Discharge of Hazardous Chemical)	4-chloro-o-toluidine	Reduction step with sodium dithionite, solvent extraction USEPA 8270E and ISO 14362-1 and ISO 14362- 3 (if needed) GC/MS and LC/MS/MS
703.		4-chloroaniline	
704.		4-methoxy-m-phenylenediamine	
705.		4-methyl-m-phenylenediamine	
706.		4,4-methylenebis-(2-chloro-aniline	
707.		4,4-methylenedi-o-toluidine	
708.		4,4-methylenedianiline	
709.		4,4-oxydianiline	
710.		4,4-thiodianiline	
711.		5-nitro-o-toluidine	
712.		6-methoxy-m-toluidine	
713.		Benzidine	
714.		o-aminoazotoluene	
715.		o-anisidine	
716.		o-toluidine	
717.		UV Absorbers- 2-(2H-benzotriazol-2-yl)-4- (tert-butyl)-6-(sec- butyl) phenol (UV-350	USEPA 8270 ISO 22032, USEPA 527 and USEPA 8321B. Dichloromethane extraction GC-

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Chemical Testing			
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	Hazardous & Restricted Chemicals		
718.		2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	MS or LC-MS(-MS), DIN EN 62321-6,
719.		2-benzotriazol-2-yl-4,6-di-tertbutylphenol (UV-320)	
720.		2,4-Di-tert-butyl-6-(5-chlorobenzotriazole-2-yl) phenol (UV-327)	
721.		Volatile Organic Compounds (VOC)-Benzene	ISO 11423-1 Headspace or Purge and trap GC-MS EPA 8270 BS EN 12673-1999
722.		m-cresol	
723.		o-cresol	
724.	Waste Water, Incoming water, Sludge, Dyes and Chemicals (Effluents/ Sewage/Sludge) ZDHC (Zero Discharge of Hazardous Chemical) discharged waste water (after ETP) raw waste water (before ETP) incoming water ZDHC (Zero Discharge of Hazardous Chemical)	p-cresol	ISO 11423-1 Headspace or Purge and trap GC-MS EPA 8270 BS EN 12673-1999
725.		Xylene	
726.		Toluene	
727.		Heavy metals-Antimony	ISO 17294-1: 2024, ISO 17294-2: 2023, IS 3025 (Part 65): 2025, IS 3025 (Part 41): 2023, With reference to USEPA 200.7:1994, USEPA 200.8: 1994, USEPA6010c: 2000, USEPA6020a:1998, Acid Digestion with ICP analysis For Cr
728.		Chromium (VI)	
729.		Barium	
730.		Selenium	
731.		Tin	

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	Hazardous & Restricted Chemicals		
732.		Arsenic	VI- USEPA218.6, EPA 200.8-SIM EPA 6020A-SIM EPA 245.1 EPA 245.7 with reference to USEPA 218.6:1994 derivatization followed by UV analysis, ISO 18412:2005
733.		Chromium total	
734.		Cobalt	
735.		Cadmium	
736.		Copper	
737.		Lead	
738.		Nickel	
739.		Silver	
740.		Zinc	
741.		Mercury	
742.	Waste Water, Incoming water, Sludge, Dyes and Chemicals (Effluents/ Sewage/Sludge) ZDHC (Zero Discharge of Hazardous Chemical) discharged waste water (after ETP) raw waste water (before ETP)	pH	ISO 10523:2008, IS 3025 (Part 11):2022 Electrometric method only
743.		Temperature difference	USEPA 170.1,
744.		E. coli	ISO 9308-1:2014 / ISO 9308-2:2012
745.		Colour (436nm, 525nm, 620nm)	In-house Method, ISO 7887-B
746.		Persistent Foam	visual

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Hazardous & Restricted Chemicals		
747.	incoming water ZDHC (Zero Discharge of Hazardous Chemical)	Ammonium-Nitrogen	ISO 11732:2005, ISO 7150: 1984, IS 3025 (Part 34):1988
748.		Biochemical Oxygen Demand 5-days concentration (BOD)	ISO 5815-1:2019, IS 3025 (Part 44):2023
749.		Chemical Oxygen Demand (COD)	ISO 6060:1989, ISO 15705:2002, IS 3025 (Part 58):2023
750.		Dissolved Oxygen (DO):	ISO 5814, EPA 360.1, SM 4500-O-G
751.		Oil & Grease	ISO 9377-2:2000, IS 3025 (Part 39):2021, USEPA 1664 revision B
752.		Total Phenols / Phenol Index	ISO 6439:1990, IS 3025 (Part 43):1992, ISO 14402/IS 3025-11
753.	Waste Water, Incoming water, Sludge, Dyes and Chemicals (Effluents/ Sewage/Sludge) ZDHC (Zero Discharge of Hazardous Chemical) discharged waste water (after ETP) raw waste water (before ETP) incoming water ZDHC (Zero Discharge of Hazardous Chemical)	Total Nitrogen	ISO 11905 - Part 1:1997 ISO 29441:2010, IS 3025 (Part 34):1988
754.		Total Phosphorus	ISO 17294-1:2024, ISO 17294-2:2023, ISO 11885:2007, ISO 6878: 2004, IS 3025 (Part 31): 1988, IS 3025 (Part 65):2025
755.		Total Chlorine	DPD Colorimetric Method with reference ISO 7393-2/EPA 330.5/SM4500-Cl G
756.		Total Phosphorus	ISO 6878/ IS 3025-31

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	Hazardous & Restricted Chemicals		
757.		Chloride	ISO 10304-1, ISO 15923-1, IS 3025 (Part 32)
758.		Total Suspended Solids (TSS)	ISO 11923: 1997, IS 3025 (Part 17):2022 (103°C to 105°C)
759.		Sulphide	ISO 10530: 1993, IS 3025 (Part 29):2022
760.		Sulphite	ISO 10304-3:1997
761.		Sulphate	IS 3025-24
762.		Total Dissolved Solids (TDS)	IS 3025 (Part 16):2023 (179°C to 181°C), USEPA 160.1: 2022
763.	Hazardous & Restricted Chemicals: Textile & Textile Products, Toys and sports equipment, Computing & Communications Equipment, Consumer Electronics, ROHS, Lighting: Lamps, Lighting,	SVHC: Tricosafluorododecanoic acid 307-55-1, Trilead bis(carbonate) dihydroxide1319-46-6, Trilead dioxide phosphonate 12141-20-7, 1,2-bis(2-methoxyethoxy)ethane (TEGDME,triglyme) 112-49-2,1,2 dimethoxyethane(methanesulfonate) 17570-76-2, N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler'sbase) 101-61-1,C.I. Solvent Blue 4 6786-	sop-EMC/CHEM/0001

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Chemical Testing			
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	Hazardous & Restricted Chemicals		
	Fixtures, Light Bulbs, Power Tools, Small Household appliances, Large Household Appliances, Plastics & Other Polymeric Products, Leather Products, Prints, Zippers, Paints, Other (Accessories & Apparels)	83-0, 1,2-Dichloroethane 107-06-2, 2,2'-dichloro-4,4'-methylenedianiline (MOCA)101-14-4, 2-Methoxyaniline, o-Anisidine 90-04-0, 4-(1,1,3,3-tetramethylbutyl)pheno	
764.		SVHC: 1,3,5-tris[(2S and2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (ß-TGIC) 59653-74-6,4,4'bis(dimethylamino)-4''-(methylamino)trityl alcohol 561-41-1, 4,4'-bis(dimethylamino)benzophenone (Michler's ketone) 90-94-8,548-62-9, Michler's base (ECNo. 202-959-2)] 2580-56-5, Diboron trioxide 1303-86-2, Formamide 75-12-7, Lead (II)bis(methanesulfonate) 17	sop-EMC/CHEM/0001
765.		SVHC: 2-methylimidazole -693-98-1, 1-vinylimidazole - 1072-63-5, Perfluorobutane	sop-EMC/CHEM/0001

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Chemical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Hazardous & Restricted Chemicals		
		sulfonic acid (PFBS) and its salts, 2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one -71868-10-5, 2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone -119313-12-1, Diisohexyl phthalate -71850-09-4, 2-methoxyethyl acetate -110-49-6,Diethyl sulphate 64-67-5, Diisopentylphthalate 605-50-5, Dimethyl sulphate 77-78-1, Dinoseb (6-secbutyl- ,4-dinitrophenol)88-85-7,Dioxobis(stearato)trilead 12578-12-0	
766.		SVHC: 2-methylimidazole -693-98-1, 1-vinylimidazole -1072-63-5, Perfluorobutane sulfonic acid (PFBS) and its salts, 2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one -71868-	sop-EMC/CHEM/0001

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	Hazardous & Restricted Chemicals		
		10-5, 2-benzyl-2-dimethylamino-4' morpholinobutyrophenone - 119313-12-1, Diisohexyl phthalate - 71850-09-4, 2-methoxyethyl acetate - 110-49-6,Diethyl sulphate 64-67-5, Diisopentylphthalate 605-50-5, Dimethyl sulphate 77-78-1, Dinoseb (6-secbutyl-2,4-dinitrophenol)88-85-7,Dioxobis(stearato)trilead 12578-12-0	
767.	Hazardous & Restricted Chemicals: Textile & Textile Products, Toys and sports equipment, Computing & Communications Equipment, Consumer Electronics, ROHS, Lighting: Lamps, Lighting, Fixtures, Light Bulbs, Power Tools, Small Household appliances, Large Household	SVHC: Arsenic acid 7778-39-4,BTrixylyl phosphate 25155-23-1, 4-Nonylphenol, branched and linear,ethoxylated [substances with alinear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and welldefined	sop-EMC/CHEM/0001

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Chemical Testing			
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	Hazardous & Restricted Chemicals		
	Appliances, Plastics & Other Polymeric Products, Leather Products, Prints, Zippers, Paints, Other (Accessories & Apparels)	substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof], Ammonium pentadecafluorooctanoate (APFO) 3825-26-1, Cadmium 7440-43-9, Cadmium oxide 1306-19-0, Dipentyl phthalate	
768.		SVHC: Barium diboron tetraoxide (13701-59-2) 4,4'-sulphonyldiphenol (80-09-1) 2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol (79-94-7) 1,1'-[ethane-1,2-diylbisoxy]bis[2,4,6-tribromobenzene] (37853-59-1) N-(hydroxymethyl)acrylamide (924-42-5) Lead bis(tetrafluoroborate) 13814-96-5, Lead cyanamidate 20837-86-9,	sop-EMC/CHEM/0001

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	Hazardous & Restricted Chemicals		
		Lead dinitrate 10099-74-8, Lead monoxide (lead oxide) 1317-36-8, Lead oxide sulfate 12036-76-9, Lead titanium trioxide 12060-00-3, Lead titanium zirconium oxide 12626-81-2, Methoxyacetic	
769.	Hazardous & Restricted Chemicals: Textile & Textile Products, Toys and sports equipment, Computing & Communications Equipment, Consumer Electronics, ROHS, Lighting: Lamps, Lighting, Fixtures, Light Bulbs, Power Tools, Small Household appliances, Large Household Appliances, Plastics & Other Polymeric Products, Leather Products, Prints, Zippers, Paints, Other (Accessories & Apparels)	SVHC: Benzo[k]fluoranthene -207-08-9,Fluoranthene - 206-44-0; 93951-69-0,Phenanthrene - 85-01-8,Pyrene - 129-00-0; 1718-52-1,Benzo[ghi]perylene-191-24-2,Decamethylcyclopentasiloxane (D5) - 541-02-6, Disodium octaborate -12008-41-2,Dodecamethylcyclohexasiloxane(D6) - 540-97-6,Ethylenediamine - 107-15-3,Lead - 7439-92-1, Octamethylcyclotetrasiloxane(D4) - 556-67-2, Terphenyl,	sop-EMC/CHEM/0001

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	Hazardous & Restricted Chemicals		
		hydrogenated -61788-32-7,Dicyclohexyl phthalate (DCHP) -84-61-7,Bis(2-ethylhexyl)phthalate (DEHP)117-81-7	
770.		SVHC: bis(4-chlorophenyl)sulphone (80-07-9) reaction mass of 2,2,3,3,5,5,6,6-octafluoro-4-(1,1,1,2,3,3,3-heptafluoropropan-2-yl)morpholine and2,2,3,3,5,5,6,6-octafluoro-4-(heptafluoropropyl)morpholine Perfluoroheptanoic acid and itssalts Ammonium perfluoroheptanoate(6130-43-4)potassiumperfluoroheptanoate(21049-36-5) Sodium perfluoroheptanoate(20109-59-5) Perfluoroheptanoic acid (375-85-9) Melamine(108-78-1) Isobutyl 4-hydroxybenzoate (4247-02-3)Bis(2-	sop-EMC/CHEM/0001

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	Hazardous & Restricted Chemicals		
		ethylhexyl) tetrabromophthalate (26 SVHC: Fatty acids, C16-18, lead salts 91031-62-8, Furan 110-00-9,Henicosafluoroundecanoic acid 2058-94-,Heptacosafluorotetradecanoicacid 376-06-7, Hexahydromethylphthalicanhydride [1], Hexahydro-4-methylphthalic anhydride [2],Hexahydro-1-methylphthalic anhydride [3], Hexahydro-3-methylphthalic anhydride [4], ethylene glycol dimethyl ether(EGDME) 110-71-4, 1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC) 2451-62-9	
771.	Hazardous & Restricted Chemicals: Textile & Textile Products, Toys and sports	SVHC: Methyloxirane(Propylene oxide) 75-56-9, N,Ndimethylformamide68-12-2,	sop-EMC/CHEM/0001

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	Hazardous & Restricted Chemicals		
	equipment, Computing & Communications Equipment, Consumer Electronics, ROHS, Lighting: Lamps, Lighting, Fixtures, Light Bulbs, Power Tools, Small Household appliances, Large Household Appliances, Plastics & Other Polymeric Products, Leather Products, Prints, Zippers, Paints, Other (Accessories & Apparels)	Nmethylacetamide 79-16-3, Npentyl-isopentylphthalate776297-69-9, oaminoazotoluene97-56-3, o-Toluidine 95-53-4, Orange lead (lead tetroxide)1314-4,Pentacosafluorotrideca noic acid 72629-94-8,Pentalead tetraoxide sulphate12065-90-6, Pyrochlore,antimony lead yellow8012-00-8, Silicic acid, Silicic acid, lead salt 11120-22-2,Sulfurous acid, lead salt,dibasic 62229-08-7,Tetraethyllead 78-00-2, Tetralead trioxide	
772.		SVHC: Pentadecafluorooctanoic acid (PFOA) 335-67-1, 1,2-Benzenedicarboxylic acid,dipentylester, branched and linear 84777-06-0, 1,2-Diethoxyethane 629-14-1, 1-bromopropane (n-propyl bromide)	sop-EMC/CHEM/0001

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Hazardous & Restricted Chemicals		
		106-94-5, 3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine 143860-04-2, 4,4'-methylenedi-o-toluidine 838-88-0, 4,4'-oxydianiline and its salts 101-80-4, 4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering welldefined substances and UVCB substances, polymers and homologues],4-Aminoazobenzene 60-09-3	
773.	Hazardous & Restricted Chemicals: Textile & Textile Products, Toys and sports equipment, Computing & Communications Equipment, Consumer Electronics, ROHS, Lighting: Lamps, Lighting, Fixtures, Light Bulbs, Power Tools, Small Household appliances, Large Household Appliances, Plastics & Other	SVHC: Perfluorohexane-1-sulphonic acid and its salts (PFHxS), 4,4'-isopropylidenediphenol (bisphenol A) - 80-05-7, nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts - 335-76-2, 4-heptylphenol, branched and linear (4-HPbl), p-(1,1-	sop-EMC/CHEM/0001

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Chemical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Hazardous & Restricted Chemicals		
	Polymeric Products, Leather Products, Prints, Zippers, Paints, Other (Accessories & Apparels)	dimethylpropyl)phenol (PTAP) -80-46-6, Benzo[def]chrysene -50-32-8, Nitrobenzene -98-95-3, 2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327) 3864-99-1, 2-(2Hbenzotriazol-2-yl)-4-(tertbutyl)-6-(sec-butyl)phenol(UV-350) 36437-37-3	
774.	Hazardous & Restricted Chemicals: Textile & Textile Products, Toys and sports equipment, Computing & Communications Equipment, Consumer Electronics, ROHS, Lighting: Lamps, Lighting, Fixtures, Light Bulbs, Power Tools, Small Household appliances, Large Household Appliances, Plastics & Other Polymeric Products, Leather Products, Prints, Zippers,	SVHC: Potassium dichromate 7778-50-9, Sodium chromate 7775-11-3, Tetraboron disodium heptaoxide, hydrate 12267-73-1,Trichloroethylene79-01-6, Acrylamide 79-06-1, 2,4-Dinitrotoluene (2,4-DNT)121-14-2, Anthracene oil 90640-80-5, Anthracene oil,anthracene paste 90640-81-6,Bis(pentabromophenyl) ether(decabromodiphenyl ether)(DecaBDE) 1163-19-5	sop-EMC/CHEM/0001

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	Hazardous & Restricted Chemicals		
775.	Paints, Other (Accessories & Apparels)	SVHC: Sodium perborate,perboric acid,sodium salt, Sodium peroxometaborate 7632-4-4,Cadmium sulphide 1306-23-6, Dihexyl phthalate 84-75-3,Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)573-58-0, Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo] -5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black38) 1937-37-7, Imidazolidine-2-thione (2-imidazoline-2-thiol)96-45-7, Lead di(acetate)301-04-2	sop-EMC/CHEM/0001
776.	Hazardous & Restricted Chemicals: Textile & Textile Products, Toys and sports equipment, Computing &	SVHC: Triphenyl phosphate(115-86-6) Bis(a,adimethylbenzyl) peroxide(80-43-3) Oligomerisation and alkylation reaction products	sop-EMC/CHEM/0001

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	Hazardous & Restricted Chemicals		
	Communications Equipment, Consumer Electronics, ROHS, Lighting: Lamps, Lighting, Fixtures, Light Bulbs, Power Tools, Small Household appliances, Large Household Appliances, Plastics & Other Polymeric Products, Leather Products, Prints, Zippers, Paints, Other (Accessories & Apparels)	of2-phenylpropene and phenol Phenol,methylstyrenated(68512-30-1) Bumetrizole (UV-326) (3896-11-5) 2-(dimethylamino)-2-[(4-methylphenyl)methyl]-1-[4-(morpholin-4-yl)phenyl]butan-1-one(119344-86-4) 2-(2Hbenzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol(UV-329) (3147-75-9) 2,4,6-tritert-butylphenol (732-26 3)diphenyl(2,4,6trimethylbenzoyl)phosphineoxide (759	
777.	Hazardous & Restricted Chemicals: Textile & Textile Products, Toys and sports equipment, Computing & Communications Equipment, Consumer Electronics, ROHS, Lighting: Lamps, Lighting, Fixtures, Light Bulbs, Power	SVHC: Tris(4-nonylphenyl,branched and linear) phosphite (TNPP) with = 0.1% w/w of 4-nonylphenol, branched and linear (4-NP), 2,3,3,3-tetrafluoro-2(heptafluoropropoxy)propionic acid, its salts and its acyl halides (covering any of their	sop-EMC/CHEM/0001

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	Hazardous & Restricted Chemicals		
	Tools, Small Household appliances, Large Household Appliances, Plastics & Other Polymeric Products, Leather Products, Prints, Zippers, Paints, Other (Accessories & Apparels)	individual isomers and combinations thereof), 4-tertbutylphenol- 98-54-4, 1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one (3-benzylidene camphor; 3-BC) - 15087-24-8, 2,2-bis(4'-hydroxyphenyl)-4-methylpentane - 6807-17-6	
778.		SVHC:1-Methyl-2-pyrrolidone(NMP) 872-50-4, 2-Ethoxyethyl acetate 111-15-9, Hydrazine302-01-2, 7803-57-8, Strontium chromate 7789-6-2,2-Ethoxyethanol 110-80-5, 2-Methoxyethanol 109-86-4,Chromium trioxide 1333-82-0, Cobalt(II) carbonate 513-79-1,Cobalt(II) diacetate 71-,Cobalt(II) dinitrate 10141-05-6,Cobalt(II) sulphate 10124-43-3,	sop-EMC/CHEM/0001

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	Hazardous & Restricted Chemicals		
		Ammonium dichromate7789-9-5, Boric acid 10043-35-3, 11113-50-1,Disodium tetraborate,anhydrous 1303-96-4, 1330-43-4, 12179-04-3,Potassium chromate 7789-00-6	
779.	Hazardous & Restricted Chemicals: Textile & Textile Products, Toys and sports equipment, Computing & Communications Equipment, Consumer Electronics, ROHS, Lighting: Lamps, Lighting, Fixtures, Light Bulbs, Power Tools, Small Household appliances, Large Household Appliances, Plastics & Other Polymeric Products, Leather Products, Prints, Zippers, Paints, Other (Accessories & Apparels)	SVHC:2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328) 25973-55-1, 2-benzotriazol-2-yl-4,6-di-tertbutylphenol (UV-320)3846-71-7, 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4 stannatetradecanoate (DOTE)15571-58-1, Cadmium fluoride 7790-79-6, Cadmium sulphate10124-36-4, 31119-53-6, reaction mass of DOTE and MOTE, 1,2-Benzenedicarboxylic acid, dihexylester, branched and	sop-EMC/CHEM/0001

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Chemical Testing			
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	Hazardous & Restricted Chemicals		
		linear 68515-50-4,Cadmium chloride 10108-64-2,1,3-propanesultone 1120-71-4	
780.		SVHC:4-Nonylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof], 6-methoxy-m-toluidine (pcresidine) 120-71-8, [Phthalato(2-)]dioxotrilead 69011-06-9, Acetic acid, lead salt, basic 51404-69-4, Biphenyl-4-ylamine 92-67-1,5-tert-butyl-2,4,6-trinitro-mxylene 81-15-2,Short Chain Chlorin	sop-EMC/CHEM/0001

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Chemical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Hazardous & Restricted Chemicals		
781.	Hazardous & Restricted Chemicals: Textile & Textile Products, Toys and sports equipment, Computing & Communications Equipment, Consumer Electronics, ROHS, Lighting: Lamps, Lighting, Fixtures, Light Bulbs, Power Tools, Small Household appliances, Large Household Appliances, Plastics & Other Polymeric Products, Leather Products, Prints, Zippers, Paints, Other (Accessories & Apparels)	SVHC:Anthracene 120-12-7,Benzyl butyl phthalate (BBP) 85-68-7, Bis(tributyltin) oxide(TBTO) 56-35-9, Diarsenic pentaoxide 1303-28-2,Diarsenic trioxide 1327-53-3, Dibutyl phthalate (DBP)84-74-2,Hexabromocyclododecane (HBCDD) Lead hydrogenarsenate - 7784-40-9, Sodium dichromate - 7789-12-0,10588-01-9, Triethyl arsenate - 15606-95-8, Anthracene oil,anthracene paste, anthracene fraction 91995-15-2,Anthracene oil, anthracene paste 91995-17-4, Anthraceneoil, anthracene-low,90640-82-7	sop-EMC/CHEM/0001
782.	Hazardous & Restricted Chemicals: Textile & Textile Products, Toys and sports	SVHC:Cadmium nitrate -10022-68-1, 10325-94-7,Chrysene - 218-01-9,1719-03-	sop-EMC/CHEM/0001

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Chemical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Hazardous & Restricted Chemicals		
	equipment, Computing & Communications Equipment, Consumer Electronics, ROHS, Lighting: Lamps, Lighting, Fixtures, Light Bulbs, Power Tools, Small Household appliances, Large Household Appliances, Plastics & Other Polymeric Products, Leather Products, Prints, Zippers, Paints, Other (Accessories & Apparels)	5,Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene (“Dechlorane Plus”™) - Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP) Bis(2-methoxyethyl) ether 111-96-6, Bis(2-methoxyethyl) phthalate117-82-8, Calcium arsenate 7778-44-1, Dichromium tris(chromate)24613-89-6,Formaldehyde,oligomeric reaction products with aniline 25214-70-4	
783.		SVHC:Cyclohexane-1,2-dicarboxylic anhydride [1], ciscyclohexane-1,2-dicarboxylic anhydride [2], transcyclohexane-1,2-dicarboxylic anhydride [3] [The individualcis- [2]	sop-EMC/CHEM/0001

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Hazardous & Restricted Chemicals		
		and trans- [3] isomer substances and all possible combinations of the cis- and trans-isomers [1] are covered by this entry] 85-42-7, 13149-00-3, 14166-21-3,Diazene-1,2-dicarboxamide (C,C`-azodi(formamide))(ADCA) 123-77-3, Dibutyltin dichloride (DBTC Dibutylbis(pentane-2,4-dionato-O,O')tin - 22673-19-4,butyl 4-hydroxybenzoat	
784.	Hazardous & Restricted Chemicals: Textile & Textile Products, Toys and sports equipment, Computing & Communications Equipment, Consumer Electronics, ROHS, Lighting: Lamps, Lighting, Fixtures, Light Bulbs, Power Tools, Small Household	SVHC:Diisobutyl phthalate(DIBP) 84-69-5, Lead chromate 7758-97-6, Lead chromatemolybdate sulphate red (C.I. Pigment Red 104) 12656-85-8,Lead sulfochromate yellow (C.I. Pigment Yellow 34) 1344-37-2,Pitch, coal tar, high temp.	sop-EMC/CHEM/0001

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Chemical Testing			
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	Hazardous & Restricted Chemicals		
	appliances, Large Household Appliances, Plastics & Other Polymeric Products, Leather Products, Prints, Zippers, Paints, Other (Accessories & Apparels)	65996-93-2, Tris(2-chloroethyl)phosphate 115-96-8, 4,4'-Diaminodiphenylmethane (MDA) 101-77-9,benzene-1,2,4-tricarboxylic acid 1,2 anhydride (trimellitic anhydride)(TMA) -552-30-7, Benz[a]anthracene - 56-55-3, 1718-53-2, Cadmium carbonate - 513-78-0,Cadmium hydroxide	
785.		SVHC:Lead diazide, Lead azide13424-46-9, Lead dipicrate 6477-64-1, Lead styphnate 15245-44-0, N,Ndimethylacetamide 127-19-5,Pentazinc chromateoctahydroxide 49663-84-5, Phenolphthalein 77-09-8,Potassium hydroxyoctaoxodizincatedichromate 11103-86-9, Trilead diarsenate 3687-31-8,	sop-EMC/CHEM/0001

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Chemical Testing			
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	Hazardous & Restricted Chemicals		
		Cobaltdichloride 7646-79-9, 1,2,3-trichloropropane 96-18-4, 1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich 71888-89-6, 1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters 6851	
786.	Hazardous & Restricted Chemicals: Textile & Textile Products, Toys and sports equipment, Computing & Communications Equipment, Consumer Electronics, ROHS, Lighting: Lamps, Lighting, Fixtures, Light Bulbs, Power Tools, Small Household appliances, Large Household Appliances, Plastics & Other Polymeric Products, Leather Products, Prints, Zippers, Paints, Other (Accessories & Apparels)	SVHC: Perfluorononan-1-oicacidand its sodium and ammonium salts 375-95-1,21049-39-8, 4149-60-4, 1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid,mixed decyl and hexyl and octyl diesters with = 0.3% of dihexyl phthalate 68515-51-5, 68648-93-1, 5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1], 5-secbutyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-	sop-EMC/CHEM/0001

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	Hazardous & Restricted Chemicals		
		5-methyl-1,3-dioxane [2][covering any of [1] & [2]4-methyl-m-phenylenediamine (toluene-2,4-diamine	
787.	Soda ash	Bulk Density	IS 251:2024
788.	Soda ash	Sieve Analysis	IS 251:2024
789.		Volatile Matter Content	
790.		Total Alkalinity	
791.		Matter Insoluble in Water	
792.		Sulphate	
793.		Chloride	
794.		Iron	
795.	Vinyl acetate monomer	Acidity (as acetic acid), % by mass (max)	IS 12345:2024
796.		Vinyl Acetate Content (as ester), % (min)	
797.		Aldehyde (as acetaldehyde), % by mass	
798.		Moisture, % by mass (max)	
799.		Distillation Range at 760 mm Hg	

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Chemical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Hazardous & Restricted Chemicals		
800.		Colour (Platinum-Cobalt)	
801.		Specific Gravity (20 °C / 20 °C)	
802.		Inhibitor Content: Hydroquinone (ppm)	
803.		Inhibitor Content: Diphenylamine (ppm)	
804.	Vinyl acetate monomer	Polymer Content, % by mass	IS 12345:2024
805.	p-Xylene	Purity (p-Xylene), % by mass	IS 17370:2023
806.		m-Xylene content, % by mass	
807.		o-Xylene content, % by mass	
808.		Toluene content, % by mass	
809.		Ethylbenzene content, % by mass	
810.		Non-aromatic hydrocarbons, %	
811.		Sulphur, mg/kg	
812.		Appearance	
813.		Colour (Pt-Co scale)	
814.	H-ACID	Purity (by Nitrite Value)	IS 8637:2020
815.		Difference Between Nitrite Value and Coupling Value	

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Chemical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Hazardous & Restricted Chemicals		
816.		Matter Insoluble in Sodium Carbonate Solution	
817.		Purity (by HPLC)	
818.		Chromotropic Acid Content (by HPLC)	
819.		Koch's Acid Content (by HPLC)	
820.	Toluene	Toluene Content (% by mass)	IS 537:2025
821.		Appearance	
822.	Toluene	Colour (Pt-Co scale)	IS 537:2025
823.		Relative Density @ 15.56°C / 20°C	
824.		Total Sulphur (ppm)	
825.		Distillation Range	
826.		Non-aromatic Hydrocarbons (% by mass)	
827.		Benzene Content (mg/kg)	
828.		Water Content (ppm)	
829.	K-ACID	Matter Insoluble in Dilute Sodium Carbonate Solution	IS 11557:1986
830.		Assay (on dry basis)	

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Hazardous & Restricted Chemicals		
831.		Amido G. Acid Content	
832.	Methyl acrylate	Assay (Purity by GC)	IS 14707:1999
833.		Acidity (as Acrylic Acid)	
834.		Colour (Pt-Co scale)	
835.		Water Content (Karl Fischer)	
836.		Inhibitor Content (MEHQ)	
837.	Vinyl Sulphone	Assay (by Nitrite Value) – on dry basis	IS 18340:2023
838.		Hydrolysis Value	
839.	Vinyl Sulphone	Matter Insoluble in Sodium Carbonate Solution	IS 18340:2023
840.		4-Chloroaniline Content (by HPLC)	
841.	Rice bran fatty acids	Moisture (% by mass), Max	IS 12068:1987
842.		Saponification Value	
843.		Acid Value (Diff. from SV), Max	
844.		Iodine Value, Max	
845.		Mineral Acidity	
846.		Ash (% by mass), Max	

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Chemical Testing			
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	Hazardous & Restricted Chemicals		
847.		Unsaponifiable Matter (% by mass), Max	
848.		Titre (°C)	
849.		Colour (1-in cell), Y + 5R, Max	
850.		Flash Point (°C), Min	
851.	Acid Oil	Total Fatty Matter (TFM), % by mass, Min	IS 12029:2023
852.		Moisture and Volatile Matter, %, Max	
853.		Free Fatty Acids, % by mass, Min	
854.		Free Mineral Acid (as H_2SO_4), %, Max	
855.	Acid Oil	Unsaponifiable Matter, %, Max (on TFM)	IS 12029:2023
856.		Oxidized Fatty Acid, %, Max (on TFM)	
857.		Iron, ppm, Max	
858.		Ash, %, Max	
859.	Maleic Anhydride	Crystallizing Point (°C)	IS 5149:2020
860.		Colour of Molten Material (Hazen)	

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Chemical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Hazardous & Restricted Chemicals		
861.		Maleic Acid Content (% by mass)	
862.		Maleic Anhydride Content (% by mass)	
863.		Ash Content (% by mass)	
864.		Iron Content (as Fe, ppm)	
865.	Leather & Footwear materials	Resistance to chemical	CL 6.3,6.3.1,6.3.2,6.3.3 IS 18582-6, ISO 11999-6, EN 15090, BS EN 15090, DIN EN 15090.
866.	High density polyethylene (HDPE)/polypropylene (PP) woven sacks for packaging of 50 kg cement	Ash content	Cl 5.5 of IS 11652:2017/RA 2022--A1 to A2:2024
867.		Ash content	Cl 4.1 of IS 14252:2015/RA 2020--A1 to A3:2021
868.		Ash content	Cl 4.2 of IS 14887-2014/Reaff2023-AMD3
869.	High Density Polyethylene (HDPE)/Polypropylene (PP) Woven Sacks for Packaging 50 kg/25 kg Sugar	Ash content	Cl 5.1 ,5.2 of IS 14968-2015/Reaff2020-AMD4:2022
870.	High Density Polyethylene (HDPE)/Polypropylene (PP) Woven Sacks for	Ash content	Cl 5.1 ,5.2 of IS 16208-2015/Reaff2020-AMD3:2021

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Chemical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Hazardous & Restricted Chemicals		
	Packaging 10 kg, 15 kg, 20 kg, 25 kg and 30 kg Foodgrains		
871.	Monoaxially oriented high density polyethylene (HDPE) and polypropylene (PP)tapes	Ash content	Cl 5.1,5.1.8 of IS 6192:2023
872.	High density polyethylene (HDPE)/polypropylene (PP) woven sacks for packaging of 25 kg polymer materials	Ash content	Cl 5.4 of IS 16703:2017/RA:2022-AMD-3:2024
873.	Polypropylene (PP) Woven, Laminated, Block Bottom Valve Sacks for Packaging of 50 kg Cement	Ash content	Cl 6.4 of IS 16709:2017
874.	Textiles	Isophthalic acid (IPA) content	IS 17261: 2022, IS 17262: 2022, IS 17263: 2022, IS 17264: 2022, IS 17265: 2022. ref IS -6481, IS 3456
875.	Textiles	Water soluble matter	IS 17261: 2022, IS 17262: 2022, IS 17263: 2022, IS 17264: 2022, IS 17265: 2022. ref IS -6481, IS 3456

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Chemical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Hazardous & Restricted Chemicals		
876.		Finish Oil Pick up	IS 17261: 2022, IS 17262: 2022, IS 17263: 2022, IS 17264: 2022, IS 17265: 2022. ref IS -6481, IS 3456
877.		Phosphorus content	IS 17261: 2022, IS 17262: 2022, IS 17263: 2022, IS 17264: 2022, IS 17265: 2022.ref IS -6481, IS 3456
878.	Footwear-Sports Footwear	Colour fastness (Rubbing)	IS 6191: Part 4: 2024 (ISO 11640: 2018) (Cl. 4.4 of IS:15844 (Part 1) :2023 /A2:2025 & Cl. 7.2 of IS:15844 (Part 2) :2023)/A1:2024, DIN EN ISO 17700
879.		Colour fastness (Light)	IS/ISO 105-B02 (Cl. 4.4 of IS:15844 (Part 1) :2023Cl. 6.0 of IS:15844 (Part 1) :2023/A2:2025 & Cl. 7.2 of IS:15844 (Part 2) :2023)/A1:2024
880.	Footwear-Sports Footwear	Colour fastness (crocking)	IS/ISO 105-X12 (Cl. 4.5 of IS:15844 (Part 1) :2023), Cl. 6.0 of IS:15844 (Part 1) :2023/A2:2025/ IS/ISO 105-B02 (Cl. 7.2 of IS:15844 (Part 2) :2023)/A1:2024, EN ISO 20433, DIN EN ISO 20433, ISO 20433

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Chemical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Hazardous & Restricted Chemicals		
881.		Colour fastness to perspiration	IS 6191: Part 6: 2023 (ISO 11641: 2012) (Cl. 4.5 of IS:15844 (Part 1):2023, Cl. 6.0 of IS:15844 (Part 1) :2023/A2:2025& Cl. 7.2, 7.3 of IS:15844 (Part 2) :2023)/A1:2024, DIN EN ISO 11641, BS EN ISO 11641, EN ISO 11641
882.		Colour fastness to water	IS 6191(Part 2)/2017/RA-2023/ISO 11642 or IS/ISO 105-E01' (Cl. 4.13 of IS:15844 (Part 1) :2023), Cl. 6.0 of IS:15844 (Part 1) :2023 /A2:2025 (Cl. 7.11 of IS:15844 (Part 2) :2023)/A1:2024, BS EN 13634:2017
883.	Footwear-Shoes	Upper Material Leather-Colour fastness to rubbing	ISO 11640: 2012 (Clause 6.1.1 of IS 17043 (P2):2024)) ISO 17700:2019
884.		Upper Material Leather-Colour fastness to water	ISO 11642 (Clause 6.1.1 of IS 17043 (P2):2024))
885.		Upper Material Leather-Colour fastness to light	IS/ISO 105 B02 (Clause 6.1.2 of IS 17043 (P2):2024)),
886.		Upper Material (Non-Leather)-Colour fastness to light	IS/ISO 105 B02 (Clause 6.1.3 of IS 17043 (P2):2024))

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Chemical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Hazardous & Restricted Chemicals		
887.		Lining-Colour fastness rubbing	IS/ISO 105 X12 (Clause 6.2 of IS 17043 (P2):2024), AATCC8/116, ASTM D5053
888.		Lining-Colour fastness to perspiration	IS 6191 (Part 6) (Clause 6.2 of IS 17043 (P2):2024))
889.		Fasteners (Lace/ Buckle/Eyelet/D-Ring/Ski-Hook/Metal Trims)-Colour fastness to water for lace contact method staining	IS 6191 (Part 2) (Clause 6.10 of IS 17043 (P2):2024))
890.	Footwear-Jungle Boots	Upper- Colour Fastness	Clause 5.7.4 of IS 17861: 2022/A1:2024
891.		Laces- Colour Fastness	Clause 5.18.2 of IS 17861: 2022/A1:2024
892.		Upper Material (Leather)- Colour fastness rubbing (to and from) grey scale rate	IS 6191 (Part 4)/ISO 11640 (Clause 7.2 of IS 15844 (Part 3): 2024), BS EN ISO 11640, DIN EN ISO 11640, EN ISO 11640
893.		Upper Material (Leather)- Colour fastness to light grey scale rate	IS/ISO 105-B02 (Clause 7.2 of IS 15844 (Part 3): 2024)
894.		Upper Material (Coated Fabric/Textile or Combinations)-	IS/ISO 105-B02 (Clause 7.2 of IS 15844 (Part 3): 2024)

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Chemical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Hazardous & Restricted Chemicals		
		Colour fastness to light grey scale rate,	
895.		Lining Material-Colour fastness to rubbing	IS/ISO 105-X12 (Clause 7.3 of IS 15844 (Part 3): 2024)
896.		Lining Material-Colour fastness to perspiration	IS 6191 (Part 6)/ISO 11641 (Clause 7.3 of IS 15844 (Part 3): 2024), AATCC 15, AATCC 107, BS EN ISO 105 E01, DIN EN ISO 105 E01, EN ISO 105 E01
897.	Footwear-Shoes	Fasteners (Lace/Buckle/Eyelet/D-Ring/Ski-Hook/Metal Trims)-Colour fastness to water (for lace)	IS 6191 (Part 2)/ISO 11642 (Clause 7.11 of IS 15844 (Part 3): 2024)
898.	Leather & footwear - Upper/Lining/ Collar/Tongue material	Colour fastness to light	IS3735 (A1:1999 +A2:2001+A3:2003 + A4:2004+A5:2024): 1996, DIN EN ISO 105 B02, EN ISO 105 B02, BS EN ISO 105 B02
899.	Footwear	Colour Fastness to Water Spotting	IS 6191: Part 1: 2018 (ISO 15700: 1998),
900.		Colour Fastness to Machine Washing	IS 6191: Part 3: 2018/RA 2023 (ISO 15702: 1998), BS EN ISO 15702, DIN EN ISO 15702, EN ISO 15702, BS EN ISO 3759:2011/BS

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Chemical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Hazardous & Restricted Chemicals		
			EN ISO 5077:2008/BS EN ISO 6330, DIN EN ISO 3759:2011/DIN EN ISO 5077:2008/DIN EN ISO 6330, IS 4419, EN ISO 3759:2011/EN ISO 5077:2008/EN ISO 6330, ISO 3759:2011/ISO 5077:2007/ISO 6330
901.	Footwear (Upper & Lining)	Colour Fastness to Water Spotting of Textiles and Coated Fabrics	SATRA TM 185, AATCC TM 107, AATCC 104, BS EN ISO 105 E07, EN ISO 105 E07,
902.	Leather / Footwear	Colour fastness to water	SATRA TM335:2018; ISO 105/ E01:2013, ISO 11642:2012, BS EN ISO 11642:2012, DIN EN ISO 11642:2012, EN ISO 11642:2012
903.	Leather & footwear - Upper/Lining/ Collar/Tongue material	Colour fastness to light	Cl. 4.1.1.1, 4.1.2, 4.1.3.2 of IS 3735 (A1: 1999 + A2: 2001 + A3: 2003 + A4: 2004):1996, Cl. 4.1.1.1, 4.1.3.1, 4.1.5.2, 4.1.6.2 of IS 3736 (A1: 1999 + A2: 2001 + A3: 2003): 1995, Cl. 3.4 of IS 15844 (A1: 2019): 2010, IS 6191 (LF:4): 1971, IS/ISO 105 B02:2014, IS/ISO 105-B01: 2014

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Chemical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Hazardous & Restricted Chemicals		
904.	Leather & Leather Products	Colour Fastness to Crocking	ISO 105 X12
905.	Leather & Footwear - Upper/Lining/ Collar/Tongue material	Colour fastness to washing	IS/ISO 105-C10: 2006, Cl. 4.1.1.1, 4.1.1.2, 4.1.3.2, 4.1.5.2, 4.1.6.3 of IS 3736 (A1: 1999 + A2: 2001 + A3: 2003): 1995, Cl. 4.1.1.2, 4.1.2, 4.1.3.2 of IS 3735: 1996/A5
906.	Leather & Footwear	Colour fastness to rubbing/crocking	Cl.8.1,14.1,8.2,14.2 of IS 1989-1 (A1:1988+A2:1995+ A3:1998 +A4:2003):1986/IS 1989-2 (A1:1988+ A2:1999):1986, IS 578 (A1:1992+A2:1998):1986, IS 3840 (A1:2021):2011, ISO 17700:2019 method A&B, SASO ISO 17700:2004, method A&B, SATRA TM173, ISO 11640:2018, Cl.5.2.1 of IS 14544:1998, Cl.3.5 of IS 5677 (A1:1993+A2:2021): 1986, IS 6191 (LF:9, LF 10): 1971, SATRA TM8, SATRA TM167, Cl. 5.2.1 of IS 11226: 1993/A3, AATCC 116, AATCC 8

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Hazardous & Restricted Chemicals		
907.	Leather & Footwear - Upper/Lining/ Collar/Tongue material	Colour fastness to migration into polymeric material	DIN EN ISO 15701, EN ISO 15701, ISO 15701, BS EN ISO 15701
908.	Footwear-Jungle Boots	Upper- Colour Fastness	Clause 5.7.4 of IS 17861: 2022/A1:2024
909.		Laces- Colour Fastness	Clause 5.18.2 of IS 17861: 2022/A1:2024
910.	Leather & Footwear - Upper/Lining/ Collar/Tongue material	Colour Fastness to perspiration	IS3735 (A1:1999 +A2:2001+ A3:2003 + A4:2004+ A5:2024):1996,
911.	Leather & Footwear - Upper/Lining/ Collar/Tongue material	Colour Fastness to perspiration	IS/ISO 105 E04: 2008, SARTRA TM335-2018, Cl. 4.1.3.2 of IS 3735 (A1: 1999 + A2: 2001 + A3: 2003 + A4: 2004):1996, Cl. 4.1.5.2 of IS 3736 (A1: 1999 + A2: 2001 + A3: 2003): 1996
912.	Polyester Continuous Filament Fully Drawn Yarns	Colour Fastness to Light Change in colour	IS 17261:2022 Amd-1 to 6:2024, Clause-6.5, (Table-6)-i, IS/ISO 105-B01:2014 or IS/ISO 105-B02 :2014
913.		Colour Fastness to washing	IS 17261:2022 Amd-1 to 6:2024, Clause-6.5, (Table-6)-ii, IS/ISO 105-C10:2006

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Chemical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Hazardous & Restricted Chemicals		
914.		Colour Fastness to Rubbing	IS 17261:2022 Amd-1 to 6:2024, Clause-6.5, (Table-6)-iii, IS/ISO 105-X12:2016
915.		Colour Fastness to Perspiration (acidic and alkaline)	IS 17261:2022 Amd-1 to 6:2024, Clause-6.5, (Table-6)-iv, IS/ISO 105-E04:2013
916.	Polyester partially oriented yarn (POY)	Colour Fastness to Light	IS 17262:2022 Amd1 to 5:2024, Clause-6.5 (Table-6)-I, IS/ISO 105-B01:2014 / IS/ISO 105-B02:2014
917.	Polyester partially oriented yarn (POY)	Colour Fastness to Washing	IS 17262:2022 Amd1 to 5:2024, Clause-6.5 (Table-6)-ii, IS/ISO 105-C10:2006
918.		Colour Fastness to Rubbing	IS 17262:2022 Amd1 to 5:2024, Clause-6.5 (Table-6)-iii, IS/ISO 105-X12:2016
919.		Colour Fastness to Perspiration (acidic and alkaline)	IS 17262:2022 Amd1 to 5:2024, Clause-6.5 (Table-6)-iv, IS/ISO 105-E04:2013
920.	Polyester Staples fibres	Colour fastness to Light	IS 17263:2022 Amd 1 to 7:2024, Clause-6.4 (Table-6)-I, IS/ISO 105-B01/IS/ISO 105-B02:2014

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Chemical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Hazardous & Restricted Chemicals		
921.		Colour fastness to washing	IS 17263:2022 Amd 1 to 7:2024, Clause-6.4 (Table-6)-ii, IS/ISO 105-C10:2006
922.		Colour fastness to Rubbing	IS 17263:2022 Amd 1 to 7:2024, Clause-6.4 (Table-6)-iii, IS/ISO 105-X12:2016
923.		Colour fastness to Perspiration (acidic and alkaline)	IS 17263:2022 Amd 1 to 7:2024, Clause-6.4 (Table-6)-Iv, IS/ISO 105-E04:2013
924.	Polyester industrial yarns	Colour fastness to Light	IS 17264:2022 Amd 1 to 3:2023, Clause-6.4 (Table-5)-i, IS/ISO 105-B01/IS/ISO 105-B02:2014
925.	Polyester industrial yarns	Colour fastness to Rubbing	IS 17264:2022 Amd 1 to 3:2023, Clause-6.4 (Table-5)-ii, IS/ISO 105-X12:2016
926.	100% Polyester spun grey & white yarns	Colour fastness to Light	IS 17265:2023 Amd 1to A2:2024, Clause-6.1,6.2 ,6.7 (Table-7)-i, IS/ISO 105-B01/ IS/ISO 105-B02:2014
927.		Colour fastness to washing	IS 17265:2023 Amd 1to A2:2024, Clause-6.1,6.2 ,6.7 (Table-7)-ii, IS/ISO 105-C10:2006

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Chemical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Hazardous & Restricted Chemicals		
928.		Colour fastness to Rubbing	IS 17265:2023 Amd 1to A2:2024, Clause-6.1,6.2 ,6.7 (Table-7)-iii, IS/ISO 105-X12:2016
929.		Colour fastness to Perspiration (acidic and alkaline)	IS 17265:2023 Amd 1to A2:2024, Clause-6.1,6.2 ,6.7 (Table-7)-Iv, IS/ISO 105-E04:2013
930.	Fencing Nets Made from Mono Filament Yarns and Combination of Tape and Mono Filament Yarns	Colour fastness to artificial light	Clause 7.2 of IS 17358 Part 2:2020
931.	Textile Fabric & garment, Textile Products & Accessories	Colour Fastness to domestic & Commercial Laundering	ISO 105 C06:2010 ISO 105 C08:2010 ISO 105 C10:2010 ISO 105 C09:2010 AATCC TM61 :2022 SASO ISO 105 C06: 2010 BS EN ISO 105 C06: 2010 SASO ISO 105 C08:2010/: 2014 SASO ISO 105 C09: 2001/: 2006
932.	Polyester Textured Yarns	Colour fastness to Light	Cl 6.5 of IS 17879: 2022 Table 6 IS/ISO B01 & B02
933.		Colour fastness to Washing	Cl 6.5 of IS 17879: 2022 Table 6 IS/ISO C-10

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Hazardous & Restricted Chemicals		
934.		Colour fastness to Rubbing	Cl 6.5 of IS 17879: 2022 Table 6 IS/ISO X-12
935.		Colour fastness to Perspiration	Cl 6.5 of IS 17879 : 2022 Table 6 IS/ISO E-04
936.	Continuous Multifilament Polypropylene Yarns	Colour fastness to light	Cl 4.1 of IS 18892: 2024 Table 2 IS/ISO B-02
937.	Elastomeric Yarn	Colour fastness to Light	Cl 4.3 of IS 18669: 2024 IS/ISO B-01
938.	Elastomeric Yarn	Colour fastness to Washing	Cl 4.3 of IS 18669: 2024 IS/ISO C-10
939.	Elastomeric Yarn	Colour fastness to Rubbing	Cl 4.3 of IS 18669: 2024 IS/ISO X-12
940.		Colour fastness to Perspiration	Cl 4.3 of IS 18669: 2024 IS/ISO E-04
941.	Furniture (Accessories)	Colour fastness to light for fabric and leather	IS/ISO 105-B02, IS 17637: 2021/A1, IS 17631, IS 17632, IS 17634, IS 17635, IS 17636
942.		Colour fastness to rubbing for fabric and leather	IS/ISO 105-X12, IS 17637: 2021/A1, IS 17631, IS 17632, IS 17634, IS 17635, IS 17636

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Chemical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Hazardous & Restricted Chemicals		
943.		Colour fastness to perspiration	IS/ISO 105-E04, IS 17637: 2021/A1, IS 17631, IS 17632, IS 17634, IS 17635, IS 17636
944.		Colour fastness to water for fabric and leather	IS/ISO 105-E01, IS 17637: 2021/A1, IS 17631, IS 17632, IS 17634, IS 17635, IS 17636
945.		Colour fastness to artificial light	IS/ISO 105 B02, IS 17637: 2021/A1, IS 17631, IS 17632, IS 17634, IS 17635, IS 17636
946.		Colour fastness to rubbing for natural leather	IS 6191 (Part 4), IS 17637: 2021/A1 IS 17631, IS 17632, IS 17634, IS 17635, IS 17636
947.		Colour fastness to water spotting	IS 6191 (Part 1), IS 17637: 2021/A1, IS 17631, IS 17632, IS 17634, IS 17635, IS 17636
948.	Furniture (Accessories)	Colour fastness to water for natural leather	IS 6191 (Part 2), IS 17637: 2021/A1, IS 17631, IS 17632, IS 17634, IS 17635, IS 17636

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Chemical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Metals & Alloys		
1.	Steel (Carbon Steel & Low alloy steel)	Aluminium	ASTM E-415-2021, IS: 8811:1998 (R 2018), IS 228 ,Cl. 4 of IS 208: 2020, Cl. 5 of IS 1161: 2014, Cl. 5 of IS 4123: 2024, Cl. 4 of IS 4508: 2024, Cl. 4 of IS 4509: 2024, Cl. 5 & 8 of IS 2062: 2011, Cl. 4 of IS 206: 2010, Cl. 4.2 of IS 208: 2020, Cl. 4.2 of IS 362: 1991, Cl. 7.1, 7.3 of IS 513: Part - 1: 2016, Cl. 6 of IS 513: Part - 1: 2016, Cl. 4 of IS 1341: 2018, Cl. 4.2 of IS 1786: 2008, Cl. 4 of IS 2181: 2024, IS 3601: 2006, IS 3818: 1992, Cl. 6.1 of IS 13997: 2014, Cl. 6 of IS 14912: 2001, Cl. 8.1, 8.2 of IS 15911: 2010, Cl. 6 of ISO 898: Part - 1: 2013, Cl. 7.3 of ISO 898: Part -2: 2022
2.		Arsenic	
3.		Boron	
4.		Carbon	
5.		Chromium	
6.		Cobalt	
7.		Copper	
8.		Manganese	
9.		Molybdenum	
10.		Nickel	
11.		Niobium	
12.		Phosphorus	
13.		Silicon	
14.		Sulphur	

Scope of Accreditation

EMC Testing and Compliance LLP

115, Pace City-1, Sector-37,
Gurugram-122001, Haryana, India

QAI/CIA/TL/2024/0066

Date of First Accreditation: **17 July 2024 -16 July 2026**
Valid from: **17 July 2026**
Scope Extended w.e.f: **10 November 2026**
Valid until: **16 July 2028**

Accreditation Standard: ISO/IEC 17025:2017

Chemical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Metals & Alloys		
15.		Tin	
16.		Titanium	
17.		Vanadium	
18.		Zirconium	
19.		Nitrogen	
20.	Stainless steel	Carbon	ASTM E-1086-2022, IS:9879: 199, IS 14756: 2024,IS 1161: 2014, Cl. 4.2 of IS 208: 2020, IS 2347: 2023, Cl. 2 of IS 3831: 1979, Cl. 4.1 of IS 3993: 1993, Cl. 3.1 of Is 5022: 1989, Cl. 7.1 of IS 5522: 2014, Cl. 7.1, 7.2, 7.3 of IS 6527: 1995, Cl. 7.1, 7.2 of IS 6528: 2024, Cl. 7.1, 7.2 of Is 6603: 2024, Cl. 7.1, 7.2 of IS 6911: 2017, Cl. 4.1.1, 4.1.2 of Is 12817: 2020, Cl. 5 of IS 13983: 1993, Cl. 8.1, 8.1.1 of IS 15997: 2012, Cl. 3.1 of IS 16286: 2014, IS 16301: 2017, IS 17526: 2021, Cl. 7.1.1, 7.1.2.3 of Is 17569:
21.		Silicon	
22.		Manganese	
23.		Sulphur	
24.		Phosphorus	
25.		Chromium	
26.		Nickel	
27.		Molybdenum	

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Accreditation Standard: ISO/IEC 17025:2017

Chemical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Metals & Alloys		
28.		Copper	2021, Cl. 7.1.1, 7.1.2.1 of IS 17790: 2022, IS 17803; 2022, Cl. 4.1 of IS 1880: 2023
29.	Cast Iron	Carbon	ASTM E-1999-2018, IS 15338: 2003, IS 228, IS 4123: 2024, IS 4508: 2024, IS 4509: 2024, IS 6149: 2024, CL. 6 of IS 210: 2009, Cl. 7.1, 7.3 of Is 2004: 1991, Cl. 4.2 of IS 208: 2020, Cl. 4.2 of IS 362: 1991, Cl. 6 of IS 14912: 2001,
30.		Silicon	
31.		Manganese	
32.		Sulphur	
33.		Phosphorus	
34.		Chromium	
35.		Nickel	
36.		Molybdenum	
37.		Copper	
38.		Titanium	
39.		Tin	
40.		Vanadium	

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Accreditation Standard: ISO/IEC 17025:2017

Chemical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Metals & Alloys		
41.	Aluminium & its alloy	Copper	ASTM E1251-25 (2025), IS:11035:1984, IS 504: Part - 1 to 12: 2002, IS 504: Part - 13 to 16: 2003, Cl. 5 of IS 21: 2025, Cl. 6 of IS 23: 1980, Cl. 4 of IS 205: 1992, Cl.7 of IS 737: 2024, Cl. 4.2 of IS 208: 2020, Cl. 4.2 of IS 362: 1991, CL. 6 of IS 617: 2024, Cl. 5.1 of IS 733: 1983, Cl. 6.1 of 733: 2025, Cl. 5.1 of IS 734: 1975, Cl. 5.1 of IS 736: 1986, Cl.8, 8.1 of IS 738: 1994, Cl. 8.1, 8.2 of IS 739: 1992, Cl. 4.1, 4.1.1, 4.1.2, 4.2, 4.3, 4.5, 4.6 of IS 1660: 2024, Cl. 5.1, 5.2 of Is 2047: 1992, IS 2347: 2023, IS 3818: 1992, Cl. 9.1, 9.2 of IS 1285: 2023, Cl. 5.1 of Is 14407: 2023, Cl. 6 of IS 14912: 2001, Cl. 7.1 of IS 15392: 2003, Cl. 7.1 of IS 16011: 2012, IS 17803: 2022, IS 15392: 2003, IS 16011: 2012
42.		Magnesium	
43.		Silicon	
44.		Iron	
45.		Nickel	
46.		Manganese	
47.		Zinc	
48.		Lead	
49.		Titanium	
50.		Chromium	
51.		Vanadium	
52.		Tin	
53.	Copper & its alloy	Lead	EN 15079-2015 IS 440: 2025
54.		Tin	

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Accreditation Standard: ISO/IEC 17025:2017

Chemical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Metals & Alloys		
55.		Iron	Cl. 8, 8.1 of IS 319: 2017 Cl. 4 of IS 28: 1985 Cl. 4 of IS 205: 1992 Cl. 4.2 of IS 208: 2020 Cl. 3 of IS 305: 1981 Cl. 4.2 of IS 362: 1991, Cl. 4 of IS 1028: 1987, IS 8931: 2021, IS 11329: 2018, Cl. 5.1 of IS 12444: 2020, Cl. 3.2 of IS 6286: 2014, IS 16301: 2017, IS 17803: 2022
56.		Aluminum	
57.		Nickel	
58.		Manganese	
59.		Phosphorus	
60.		Silicon	
61.		Arsenic	
62.		Magnesium	
63.		Zinc	

***Note**

Scope Extension 1

Following scope of Accreditation is extended w.e.f: **10 November 2026**

- **Electronics Testing**
  IT Equipment (S.No.-05; Page no-222) new test method added.
- **Mechanical Testing**
  Toys & Sports Products (S. No-98; Page no- 263) updated with sub clause.