

Quality And Accreditation Institute

Centre for International Accreditation

(formerly Centre for Laboratory 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

Valid from: 17 July 2024

Valid until: 16 July 2026

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

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

Dr. Bhupendra Kumar Rana
Chief Executive Officer

Prof. Vikram Kumar
Chair, CIA



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Accreditation Standard: ISO/IEC 17025:2017

Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Cells & batteries		
1.	Lithium systems- cells & batteries	Case stress at high ambient temperature (battery)	Cl. 7.2.2 of IS 16046 -2 (A1:2020): 2018 / IEC 62133 -2 (A1:2021): 2017
2.	Lithium systems- cells & batteries	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
3.	Lithium systems- cells & batteries	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.	Lithium systems- cells & batteries	Continuous charging at constant voltage (cells)	Cl. 7.2.1 of IS 16046 -2 (A1:2020) :2018 / IEC 62133 -2 (A1:2021): 2017
5.	Lithium systems- cells & batteries	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.	Lithium systems- cells & batteries	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.	Lithium systems- cells & batteries	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.	Lithium systems- cells & batteries	Forced discharge (cells)	Cl. 7.3.7 of IS 16046 -2 (A1:2020) :2018 / IEC 62133 -2 (A1:2021): 2017
9.	Lithium systems- cells & batteries	Free fall	Cl. 7.3.3 of IS 16046 -2 (A1:2020) :2018 / IEC 62133 -2 (A1:2021): 2017
10.	Lithium systems- cells & batteries	Insulation and wiring	Cl. 5.2 of IS 16046 -2 (A1:2020) :2018 / IEC 62133 -2 (A1:2021): 2017
11.	Lithium systems- cells & batteries	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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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.	Lithium systems- cells & batteries	Overcharging of battery	Cl. 7.3.6 of IS 16046 -2 (A1:2020) :2018 / IEC 62133 -2 (A1:2021): 2017
14.	Lithium systems- cells & batteries	Packaging and transport	Cl. 10 of IS 16046 -2 (A1:2020) :2018 / IEC 62133 -2 (A1:2021): 2017
15.	Lithium systems- cells & batteries	Small cell and battery safety information	Cl. 8.2 of IS 16046 -2 (A1:2020) :2018 / IEC 62133 -2 (A1:2021): 2017
16.	Lithium systems- cells & batteries	Thermal abuse (cells)	Cl. 7.3.4 of IS 16046 -2 (A1:2020) :2018 / IEC 62133 -2 (A1:2021): 2017
17.	Lithium systems- cells & batteries	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.	Lithium systems- cells & batteries	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.	Lithium systems- cells & batteries	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
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.	Nickel systems- cells & batteries	Case stress at high ambient temperature (batteries)	Cl. 7.2.3 of IS 16046 -1 (A1:2020): 2018 / IEC 62133 -1: 2017
22.	Nickel systems- cells & batteries	Crushing of cells	Cl. 7.3.6 of IS 16046 -1 (A1:2020): 2018 / IEC 62133 -1: 2017



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	Cells & batteries		
23.	Nickel systems- cells & batteries	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.	Nickel systems- cells & batteries	Charging procedure for the test purpose	Cl. 7.1 of IS 16046 -1 (A1:2020): 2018 / IEC 62133 -1 (A1:2021): 2017
25.	Nickel systems- cells & batteries	Continuous low – rate charging	Cl. 7.2.1 of IS 16046 -1 (A1:2020): 2018 / IEC 62133 -1 (A1:2021): 2017
26.	Nickel systems- cells & batteries	External short circuit	Cl. 7.3.2 of IS 16046 -1 (A1:2020): 2018 / IEC 62133 -1: 2017
27.	Nickel systems- cells & batteries	Forced discharge (cells)	Cl. 7.3.9 of IS 16046 -1 (A1:2020): 2018 / IEC 62133 -1: 2017
28.	Nickel systems- cells & batteries	Free fall	Cl. 7.3.3 of IS 16046 -1 (A1:2020): 2018 / IEC 62133 -1: 2017
29.	Nickel systems- cells & batteries	Incorrect installation (cells)	Cl. 7.3.1 of IS 16046 -1 (A1:2020): 2018 / IEC 62133 -1: 2017
30.	Nickel systems- cells & batteries	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.	Nickel systems- cells & batteries	Mechanical shock (crash hazard)	Cl. 7.3.4 of IS 16046 -1 (A1:2020): 2018 / IEC 62133 -1: 2017
33.	Nickel systems- cells & batteries	Overcharge	Cl. 7.3.8 of IS 16046 -1 (A1:2020): 2018 / IEC 62133 -1: 2017
34.	Nickel systems- cells & batteries	Packaging	Cl. 10 of IS 16046 -1 (A1:2020) :2018 / IEC 62133 -1: 2017
35.	Nickel systems- cells & batteries	Small cell and battery safety information	Cl. 8.2 of IS 16046 -1 (A1:2020): 2018 / IEC 62133 -1: 2017



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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Cells & batteries		
36.	Nickel systems- cells & batteries	Temperature cycling	Cl. 7.2.4 of IS 16046 -1 (A1:2020): 2018 / IEC 62133 -1: 2017
37.	Nickel systems- cells & batteries	Thermal abuse (Cells)	Cl. 7.3.5 of IS 16046 -1 (A1:2020) :2018 / IEC 62133 -1: 2017
38.	Nickel systems- cells & batteries	Vibration	Cl. 7.2.2. 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
	Domestic Electrical Appliances		
1.	AC/DC adapters for household and similar electrical appliances	Abnormal operation	Cl. 19 OF IEC 60335-1: 2020
2.	AC/DC adapters for household and similar electrical appliances	Abnormal operation	Cl. 19 OF IS 302-1:2008+ A1:2009+A2:2013+A3:2014+A4: 2015
3.	AC/DC adapters for household and similar electrical appliances	Clearances, creepage distance and solid insulation	Cl. 29 OF IEC 60335-1: 2020
4.	AC/DC adapters for household and similar electrical appliances	Clearances and creepage distance	Cl. 29 OF IS 302-1:2008+ A1:2009+A2:2013+A3:2014+A4: 2015
5.	AC/DC adapters for household and similar electrical appliances	Components	Cl. 24 OF IS 302-1:2008+ A1:2009+A2:2013+A3:2014+A4: 2015
6.	AC/DC adapters for household and similar electrical appliances	Components	Cl. 24 OF IEC 60335-1: 2020
7.	AC/DC adapters for household and similar electrical appliances	Construction	Cl. 22 OF IEC 60335-1: 2020
8.	AC/DC adapters for household and similar electrical appliances	Construction	Cl. 22 OF IS 302-1:2008+A1:2009 +A2:2013+A3:2014+A4: 2015
9.	AC/DC adapters for household and similar electrical appliances	Heating	Cl.11 OF IS 302-1:2008+ A1:2009+A2:2013+A3:2014+A4: 2015

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
10.	AC/DC adapters for household and similar electrical appliances	Heating	Cl. 11 OF IEC 60335-1: 2020
11.	AC/DC adapters for household and similar electrical appliances	Internal wiring	Cl. 23 of IS 302-1:2008+A1:2009+A2:2013+A3:2014+A4: 2015
12.	AC/DC adapters for household and similar electrical appliances	Internal wiring	Cl. 23 of IEC 60335-1: 2020
13.	AC/DC adapters for household and similar electrical appliances	Leakage current & electrical strength	Cl. 16 of IEC 60335-1: 2020
14.	AC/DC adapters for household and similar electrical appliances	Leakage current & electrical strength	Cl. 16 of IS 302-1:2008+A1:2009+A2:2013+A3:2014+A4: 2015
15.	AC/DC adapters for household and similar electrical appliances	Leakage current & electrical strength at operating temperature	Cl. 13 of IEC 60335-1: 2020
16.	AC/DC adapters for household and similar electrical appliances	Leakage current and electric strength at operating temperature	Cl. 13 of IS 302-1:2008 +A1:2009+A2:2013+A3:2014+A4: 2015
17.	AC/DC adapters for household and similar electrical appliances	Marking & instruction	Cl. 7 of IEC 60335-1: 2020
18.	AC/DC adapters for household and similar electrical appliances	Marking and instruction	Cl. 7 of IS 302-1:2008 + A1:2009+A2:2013+A3:2014+A4: 2015



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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
19.	AC/DC adapters for household and similar electrical appliances	Mechanical strength	Cl. 21 of IEC 60335-1: 2020
20.	AC/DC adapters for household and similar electrical appliances	Mechanical strength	Cl. 21 of IS 302-1:2008 + A1:2009+A2:2013+A3:2014+A4: 2015
21.	AC/DC Adapters for household and similar electrical appliances	Moisture resistance	Cl. 15 of IEC 60335-1: 2020
22.	AC/DC Adapters for household and similar electrical appliances	Moisture resistance	Cl. 15 of IS 302-1:2008+ A1:2009+A2:2013+A3:2014+A4: 2015
23.	AC/DC Adapters for household and similar electrical appliances	Overload protection of transformers and associated circuits	Cl. 17 of IS 302-1:2008 + A1:2009+A2:2013+A3:2014+A4: 2015
24.	AC/DC Adapters for household and similar electrical appliances	Overload protection of transformers and associated circuits	Cl. 17 of IEC 60335-1: 2020
25.	AC/DC Adapters for household and similar electrical appliances	Power input & current	Cl. 10 of IEC 60335-1: 2020
26.	AC/DC Adapters for household and similar electrical appliances	Power input and current	Cl. 10 of IS 302-1:2008+ A1:2009 +A2:2013+A3:2014+A4: 2015
27.	AC/DC Adapters for household and similar electrical appliances	Protection against access to live parts	Cl. 8 of IEC 60335-1: 2020



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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
28.	AC/DC Adapters for household and similar electrical appliances	Protection against Electric shock & energy hazards	Cl. 8 of IS 302-1:2008+ A1:2009+A2:2013+A3:2014+A4: 2015
29.	AC/DC Adapters for household and similar electrical appliances	Provision for earthing	Cl. 27 of IS 302-1:2008+ A1:2009+A2:2013+A3:2014+A4: 2015
30.	AC/DC Adapters for household and similar electrical appliances	Provision for earthing	Cl. 27 of IEC 60335-1: 2020
31.	AC/DC Adapters for household and similar electrical appliances	Resistance to heat and fire	Cl. 30 of IEC 60335-1: 2020
32.	AC/DC Adapters for household and similar electrical appliances	Resistance to heat and fire	Cl. 30 of IS 302-1:2008 + A1:2009+A2:2013+A3:2014+A4: 2015
33.	AC/DC Adapters for household and similar electrical appliances	Resistance to rusting	Cl. 31 of IS 302-1:2008 + A1:2009+A2:2013+A3:2014+A4: 2015
34.	AC/DC Adapters for household and similar electrical appliances	Resistance to rusting	Cl. 31 of IEC 60335-1: 2020
35.	AC/DC Adapters for household and similar electrical appliances	Screw and connection	Cl. 28 of IS 302-1:2008 + A1:2009+A2:2013+A3:2014+A4: 2015
36.	AC/DC Adapters for household and similar electrical appliances	Screws and connections	Cl. 28 of IEC 60335-1: 2020



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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
37.	AC/DC Adapters for household and similar electrical appliances	Stability and Mechanical Hazards	Cl. 20 of IEC 60335-1: 2020
38.	AC/DC Adapters for household and similar electrical appliances	Stability and mechanical hazards	Cl. 20 of IS 302-1:2008+ A1:2009+A2:2013+A3:2014+A4: 2015
39.	AC/DC Adapters for household and similar electrical appliances	Supply connection and External flexible cords	Cl. 25 of IS 302-1:2008+ A1:2009+A2:2013+A3:2014+A4: 2015
40.	AC/DC Adapters for household and similar electrical appliances	Supply connection and external flexible cords	Cl. 25 of IEC 60335-1: 2020
41.	AC/DC Adapters for household and similar electrical appliances	Terminal for external conductors	Cl. 26 of IS 302-1:2008+ A1:2009+A2:2013+A3:2014+A4: 2015
42.	AC/DC Adapters for household and similar electrical appliances	Terminals for external conductors	Cl. 26 of IEC 60335-1: 2020
43.	AC/DC Adapters for household and similar electrical appliances	Transient over voltage	Cl. 14 of IS 302-1:2008 + A1:2009+A2:2013+A3:2014+A4: 2015
44.	AC/DC Adapters for household and similar electrical appliances	Transient over voltage	Cl. 14 of IEC 60335-1: 2020
45.	Battery chargers	Marking & instruction	Cl. 7 of IEC 60335-2-29 (A1: 2019): 2016
46.	Battery chargers	Mechanical strength	Cl.21 of IEC 60335-2-29 (A1: 2019): 2016

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
47.	Battery chargers	Moisture resistance	Cl.15 of IEC 60335-2-29 (A1: 2019): 2016
48.	Battery chargers	Power input & current	Cl. 10 of IEC 60335-2-29 (A1: 2019): 2016
49.	Battery chargers	Supply connection and external flexible cords	Cl.25 of IEC 60335-2-29 (A1: 2019): 2016
50.	Battery chargers	Abnormal operation	Cl.19 of IEC 60335-2-29 (A1: 2019): 2016
51.	Battery chargers	Clearances, creepage distance and solid insulation	Cl.29 of IEC 60335-2-29 (A1: 2019): 2016
52.	Battery chargers	Components	Cl.24 of IEC 60335-2-29 (A1: 2019): 2016
53.	Battery chargers	Construction	Cl. 22 of IEC 60335-2-29 (A1: 2019): 2016
54.	Battery chargers	Heating	Cl.11 of IEC 60335-2-29 (A1: 2019): 2016
55.	Battery chargers	Internal wiring	Cl.23 of IEC 60335-2-29 (A1: 2019): 2016
56.	Battery chargers	Leakage current & electrical strength	Cl.16 of IEC 60335-2-29 (A1: 2019): 2016
57.	Battery chargers	Leakage current & electrical strength at operating temperature	Cl.13 of IEC 60335-2-29 (A1: 2019): 2016
58.	Battery chargers	Overload protection of transformers and associated circuits	Cl.17 of IEC 60335-2-29 (A1: 2019): 2016
59.	Battery chargers	Protection against access to live parts	Cl. 8 of IEC 60335-2-29 (A1: 2019): 2016

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
60.	Battery chargers	Provision for earthing	Cl.27 of IEC 60335-2-29 (A1: 2019): 2016
61.	Battery chargers	Radiation, toxicity and similar hazards	Cl. 32 of IEC 60335-2-29 (A1: 2019): 2016
62.	Battery chargers	Resistance to heat and fire	Cl.30 of IEC 60335-2-29 (A1: 2019): 2016
63.	Battery chargers	Resistance to rusting	Cl.31 of IEC 60335-2-29 (A1: 2019): 2016
64.	Battery chargers	Screws and connections	Cl.28 of IEC 60335-2-29 (A1: 2019): 2016
65.	Battery chargers	Stability and mechanical hazards	Cl.20 of IEC 60335-2-29 (A1: 2019): 2016
66.	Battery chargers	Terminals for external conductors	Cl.26 of IEC 60335-2-29 (A1: 2019): 2016
67.	Battery chargers	Transient over voltage	Cl.14 of IEC 60335-2-29 (A1: 2019): 2016
68.	Clocks	Abnormal operation	Cl. 19 of IEC 60335-2-26:2002+AMD1: 2008
69.	Clocks	Abnormal operation	Cl. 19 of IS 302-2-26: 2014
70.	Clocks	Clearances, creepage distance and solid insulation	Cl. 29 of IS 302-2-26: 2014
71.	Clocks	Clearances, creepage distance and solid insulation	Cl. 29 of IEC 60335-2-26:2002 +A1: 2008
72.	Clocks	Components	Cl. 24 of IS 302-2-26: 2014
73.	Clocks	Components	Cl. 24 of IEC 60335-2-26:2002 +A1: 2008
74.	Clocks	Construction	Cl. 22 of IS 302-2-26: 2014

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	Domestic Electrical Appliances		
75.	Clocks	Construction	Cl. 22 of IEC 60335-2-26:2002+AMD1: 2008
76.	Clocks	Heating	Cl. 11 of IS 302-2-26: 2014
77.	Clocks	Heating	Cl. 11 of IEC 60335-2-26:2002 +A1: 2008
78.	Clocks	Internal wiring	Cl. 23 of IS 302-2-26: 2014
79.	Clocks	Internal wiring	Cl. 23 of IEC 60335-2-26:2002 +A1: 2008
80.	Clocks	Leakage current & electrical strength	Cl. 16 of IEC 60335-2-26:2002 +A1: 2008
81.	Clocks	Leakage current & electrical strength	Cl. 16 of IEC 60335-2-26:2002 +A1: 2008
82.	Clocks	Leakage current & electrical strength at operating temperature	Cl. 13 of IEC 60335-2-26 :2002 +A1: 2008
83.	Clocks	Leakage current & electrical strength at operating temperature	Cl. 13 of IS 302-2-26: 2014
84.	Clocks	Leakage current & electrical strength	Cl. 16 of IS 302-2-26: 2014
85.	Clocks	Marking & instruction	Cl. 7 of IS 302-2-26: 2014
86.	Clocks	Marking & instruction	Cl. 7 of IEC 60335-2-26:2002 +A1: 2008
87.	Clocks	Mechanical strength	Cl. 21 of IS 302-2-26: 2014
88.	Clocks	Mechanical strength	Cl. 21 of IEC 60335-2-26: 2002 +A1: 2008
89.	Clocks	Moisture resistance	Cl. 15 of IS 302-2-26: 2014

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	Domestic Electrical Appliances		
90.	Clocks	Moisture resistance	Cl. 15 of IEC 60335-2-26:2002 +A1: 2008
91.	Clocks	Overload protection of transformers and associated circuits	Cl. 17 of IEC 60335-2-26:2002+AMD1: 2008
92.	Clocks	Overload protection of transformers and associated circuits	Cl. 17 of IS 302-2-26: 2014
93.	Clocks	Power input & current	Cl. 10 of IEC 60335-2-26:2002+AMD1: 2008
94.	Clocks	Power input & current	Cl. 10 of IS 302-2-26: 2014
95.	Clocks	Protection against access to live parts	Cl. 8 of IEC 60335-2-26:2002+AMD1: 2008
96.	Clocks	Protection against access to live parts	Cl. 8 of IS 302-2-26: 2014
97.	Clocks	Provision for earthing	Cl. 27 of IEC 60335-2-26:2002 +A1: 2008
98.	Clocks	Provision for earthing	Cl. 27 of IS 302-2-26: 2014
99.	Clocks	Resistance to heat and fire	Cl. 30 of IS 302-2-26: 2014
100.	Clocks	Resistance to heat and fire	Cl. 30 of IEC 60335-2-26:2002 +A1: 2008
101.	Clocks	Resistance to rusting	Cl. 31 of IS 302-2-26: 2014
102.	Clocks	Resistance to rusting	Cl. 31 of IEC 60335-2-26:2002 +A1: 2008
103.	Clocks	Screws and connections	Cl. 29 of IS 302-2-26: 2014
104.	Clocks	Screws and connections	Cl. 28 of IEC 60335-2-26:2002 +A1: 2008
105.	Clocks	Screws and connections	Cl. 28 of IS 302-2-26: 2014

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	Domestic Electrical Appliances		
106.	Clocks	Stability and Mechanical Hazards	Cl. 20 of IEC 60335-2-26:2002 +A1: 2008
107.	Clocks	Stability and mechanical hazards	Cl. 20 of IS 302-2-26: 2014
108.	Clocks	Supply connection and external flexible cords	Cl. 25 of IS 302-2-26: 2014
109.	Clocks	Supply connection and external flexible cords	Cl. 25 of IEC 60335-2-26: 2002 +A1: 2008
110.	Clocks	Terminals for external conductors	Cl. 26 of IS 302-2-26: 2014
111.	Clocks	Terminals for external conductors	Cl. 26 of IEC 60335-2-26:2002+AMD1: 2008
112.	Clocks	Transient over voltage	Cl. 14 of IEC 60335-2-26:2002+AMD1: 2008
113.	Clocks	Transient over voltage	Cl. 14 of IS 302-2-26: 2014
114.	Cooking Ranges, Hobs, Ovens and Similar Appliance	Marking and instructions	Cl. 7 of IEC 60335-2-6:2014+AMD1: 2018
115.	Cooking Ranges, Hobs, Ovens and Similar Appliances	Marking and instructions	Cl. 7 of IS 302-2-6: 2009
116.	Cooking ranges, hobs, ovens and similar appliances	Abnormal operation	Cl. 19 of IS 302-2-6: 2009
117.	Cooking ranges, hobs, ovens and similar appliances	Abnormal operation	Cl. 19 of IEC 60335-2-6:2014 +A1: 2018
118.	Cooking ranges, hobs, ovens and similar appliances	Clearances creepage distance and solid insulation	Cl. 29 of IS 302-2-6: 2009
119.	Cooking ranges, hobs, ovens and similar appliances	Clearances, creepage distance and solid Insulation	Cl. 29 of IEC 60335-2-6:2014 +A1: 2018
120.	Cooking ranges, hobs, ovens and similar appliances	Components	Cl. 24 of IEC 60335-2-6: 2014 +A1: 2018

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
121.	Cooking ranges, hobs, ovens and similar appliances	Components	Cl. 24 of IS 302-2-6: 2009
122.	Cooking ranges, hobs, ovens and similar appliances	Construction	Cl. 22 of IS 302-2-6: 2009
123.	Cooking ranges, hobs, ovens and similar appliances	Construction	Cl. 22 of IEC 60335-2-6:2014+AMD1: 2018
124.	Cooking ranges, hobs, ovens and similar appliances	Heating	Cl. 11 of IEC 60335-2-6:2014 +A1: 2018
125.	Cooking ranges, hobs, ovens and similar appliances	Heating	Cl. 11 of IS 302-2-6: 2009
126.	Cooking ranges, hobs, ovens and similar appliances	Internal wiring	Cl. 23 of IS 302-2-6: 2009
127.	Cooking ranges, hobs, ovens and similar appliances	Internal wiring	Cl. 23 of IEC 60335-2-6 :2014 +A1: 2018
128.	Cooking ranges, hobs, ovens and similar appliances	Leakage current and electrical strength	Cl. 16 of IS 302-2-6: 2009
129.	Cooking ranges, hobs, ovens and similar appliances	Leakage current and electrical strength	Cl. 16 of IEC 60335-2-6:2014 +A1: 2018
130.	Cooking ranges, hobs, ovens and similar appliances	Leakage Current and electrical strength at operating temperature	Cl. 13 of IS 302-2-6: 2009
131.	Cooking ranges, hobs, ovens and similar appliances	Leakage Current and electrical strength at operating temperature	Cl. 13 of IEC 60335-2-6:2014 + A1: 2018
132.	Cooking ranges, hobs, ovens and similar appliances	Mechanical strength	Cl. 21 of IS 302-2-6: 2009
133.	Cooking ranges, hobs, ovens and similar appliances	Mechanical strength	Cl. 21 of IEC 60335-2-6:2014 +A1: 2018

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
134.	Cooking ranges, hobs, ovens and similar appliances	Moisture resistance	Cl. 15 of IS 302-2-6: 2009
135.	Cooking ranges, hobs, ovens and similar appliances	Moisture resistance	Cl. 15 of IEC 60335-2-6:2014 +A1: 2018
136.	Cooking ranges, hobs, ovens and similar appliances	Overload protection of transformers and associated circuits	Cl. 17 of IEC 60335-2-6:2014 +A1: 2018
137.	Cooking ranges, hobs, ovens and similar appliances	Overload protection of transformers and associated circuits	Cl. 17 of IS 302-2-6: 2009
138.	Cooking ranges, hobs, ovens and similar appliances	Power input and current	Cl. 10 of IS 302-2-6: 2009
139.	Cooking ranges, hobs, ovens and similar appliances	Power input and current	Cl. 10 of IEC 60335-2-6:2014 +A1: 2018
140.	Cooking ranges, hobs, ovens and similar appliances	Protection against access to live parts	Cl. 8 of IS 302-2-6: 2009
141.	Cooking ranges, hobs, ovens and similar appliances	Protection against access to live parts	Cl. 8 of IEC 60335-2-6:2014 +A1: 2018
142.	Cooking ranges, hobs, ovens and similar appliances	Leakage current and electrical strength	Cl. 16 of IS 302-2-6: 2009
143.	Cooking ranges, hobs, ovens and similar appliances	Provision for earthing	Cl. 27 of IS 302-2-6: 2009
144.	Cooking ranges, hobs, ovens and similar appliances	Provision for earthing	Cl. 27 of IEC 60335-2-6: 2014 +A1: 2018
145.	Cooking ranges, hobs, ovens and similar appliances	Resistance to rusting	Cl. 31 of IS 302-2-6: 2009
146.	Cooking ranges, hobs, ovens and similar appliances	Resistance to rusting	Cl. 31 of IEC 60335-2-6:2014+A1: 2018

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
147.	Cooking ranges, hobs, ovens and similar appliances	Resistance to heat and fire	Cl. 30 of IS 302-2-6: 2009
148.	Cooking ranges, hobs, ovens and similar appliances	Resistance to heat and fire	Cl. 30 of IEC 60335-2-6:2014+A1: 2018
149.	Cooking ranges, hobs, ovens and similar appliances	Screws and connections	Cl. 28 of IS 302-2-6: 2009
150.	Cooking ranges, hobs, ovens and similar appliances	Screws and connections	Cl. 28 of IEC 60335-2-6:2014 +A1: 2018
151.	Cooking ranges, hobs, ovens and similar appliances	Stability and mechanical hazards	Cl. 20 of IS 302-2-6: 2009
152.	Cooking ranges, hobs, ovens and similar appliances	Stability and mechanical hazards (Cl.20)	IEC 60335-2-6: 2014
153.	Cooking ranges, hobs, ovens and similar appliances	Supply connection and external flexible cords	Cl. 25 of IEC 60335-2-6:2014 +A1: 2018
154.	Cooking ranges, hobs, ovens and similar appliances	Supply connection and external flexible cords	Cl. 25 of IS 302-2-6: 2009
155.	Cooking ranges, hobs, ovens and similar appliances	Terminals for external conductors	Cl. 26 of IS 302-2-6: 2009
156.	Cooking ranges, hobs, ovens and similar appliances	Terminals for external conductors	Cl. 26 of IEC 60335-2-6:2014 +A1: 2018
157.	Cooking ranges, hobs, ovens and similar appliances	Transient overvoltage	Cl. 14 of IS 302-2-6: 2009
158.	Cooking ranges, hobs, ovens and similar appliances	Transient overvoltage	Cl. 14 of IEC 60335-2-6:2014 +A1: 2018
159.	Domestic electric food mixers (liquidizers and grinders)	Abnormal operation	Cl. 19 of IS 4250:1980+ A1: 1983+A2: 1986+A3: 1989+A4: 1989+ A5: 1992+A6: 1993+ A7: 1994+A8: 1999+ A9:2006+A10: 2019

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
160.	Domestic electric food mixers (liquidizers and grinders)	Components	Cl. 24 of IS 4250:1980+ A1: 1983+A2: 1986+A3: 1989+A4: 1989+ A5: 1992+A6: 1993+ A7: 1994+A8: 1999+ A9:2006+A10: 2019
161.	Domestic electric food mixers (liquidizers and grinders)	Construction	Cl. 22 of IS 4250:1980+ A1: 1983+A2: 1986+A3: 1989+A4: 1989+ A5: 1992+A6: 1993+ A7: 1994+A8: 1999+ A9:2006+A10: 2019
162.	Domestic electric food mixers (liquidizers and grinders)	Creepage distances, clearances and distances through insulation	Cl. 29 of IS 4250:1980+ A1: 1983+A2: 1986+A3: 1989+A4: 1989+ A5: 1992+A6: 1993+ A7: 1994+A8: 1999+ A9:2006+A10: 2019
163.	Domestic electric food mixers (liquidizers and grinders)	Electrical insulation and leakage current at operating temperature	Cl. 13 of IS 4250:1980+ A1: 1983+A2: 1986+A3: 1989+A4: 1989+ A5: 1992+A6: 1993+ A7: 1994+A8: 1999+ A9:2006+A10: 2019
164.	Domestic electric food mixers (liquidizers and grinders)	Finish	Cl. 33 of IS 4250:1980+ A1: 1983+A2: 1986+A3: 1989+A4: 1989+ A5: 1992+A6: 1993+ A7: 1994+A8: 1999+ A9:2006+A10: 2019
165.	Domestic electric food mixers (liquidizers and grinders)	Input	Cl. 10 of IS 4250:1980+ A1: 1983+A2: 1986+A3: 1989+A4: 1989+ A5: 1992+A6: 1993+ A7: 1994+A8: 1999+ A9:2006+A10: 2019
166.	Domestic electric food mixers (liquidizers and grinders)	Insulation resistance and electric strength	Cl. 16 of IS 4250:1980+ A1: 1983+A2: 1986+A3: 1989+A4: 1989+ A5: 1992+A6: 1993+ A7: 1994+A8: 1999+ A9:2006+A10: 2019

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
167.	Domestic electric food mixers (liquidizers and grinders)	Internal wiring	Cl. 23 of IS 4250:1980+ A1: 1983+A2: 1986+A3: 1989+A4: 1989+ A5: 1992+A6: 1993+ A7: 1994+A8: 1999+ A9:2006+A10: 2019
168.	Domestic electric food mixers (liquidizers and grinders)	Marking and instructions	Cl. 7 of IS 4250:1980+ A1: 1983+A2: 1986+A3: 1989+A4: 1989+ A5: 1992+A6: 1993+ A7: 1994+A8: 1999+ A9:2006+A10: 2019
169.	Domestic electric food mixers (liquidizers and grinders)	Moisture resistance	Cl. 15 of IS 4250:1980+ A1: 1983+A2: 1986+A3: 1989+A4: 1989+ A5: 1992+A6: 1993+ A7: 1994+A8: 1999+ A9:2006+A10: 2019
170.	Domestic electric food mixers (liquidizers and grinders)	Protection against access to live parts	Cl. 8 of IS 4250:1980+ A1: 1983+A2: 1986+A3: 1989+A4: 1989+ A5: 1992+A6: 1993+ A7: 1994+A8: 1999+ A9:2006+A10: 2019
171.	Domestic electric food mixers (liquidizers and grinders)	Radio and television interference suppression	Cl. 14 of IS 4250:1980+ A1: 1983+A2: 1986+A3: 1989+A4: 1989+ A5: 1992+A6: 1993+ A7: 1994+A8: 1999+ A9:2006+A10: 2019
172.	Domestic electric food mixers (liquidizers and grinders)	Resistance to heat, fire and tracking	Cl. 30 of IS 4250:1980+ A1: 1983+A2: 1986+A3: 1989+A4: 1989+ A5: 1992 + A6: 1993+ A7:1994+A8: 1999+ A9:2006+A10: 2019
173.	Domestic electric food mixers (liquidizers and grinders)	Temperature rise	Cl. 11 of IS 4250:1980+ A1: 1983+A2: 1986+A3: 1989+A4: 1989+ A5: 1992+A6: 1993+ A7:1994+ A8: 1999+ A9:2006+A10: 2019

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
174.	Domestic electric food mixers (liquidizers and grinders)	Temperature withstand test for bowl	Cl. 35 of IS 4250:1980+ A1: 1983+A2: 1986+A3: 1989+A4: 1989+ A5: 1992+A6: 1993+ A7: 1994+A8: 1999+ A9:2006+A10: 2019
175.	Domestic electric food mixers (liquidizers and grinders)	Terminals for external conductors	Cl. 26 of IS 4250:1980+ A1: 1983+A2: 1986+A3: 1989+A4: 1989+ A5: 1992+A6: 1993+ A7: 1994+A8: 1999+ A9:2006+A10: 2019
176.	Domestic electric food mixers (liquidizers and grinders)	Test for controls	Cl. 36 of IS 4250:1980+ A1: 1983+A2: 1986+A3: 1989+A4: 1989+ A5: 1992 +A6: 1993+ A7: 1994+ A8: 1999+ A9:2006+A10: 2010
177.	Electric ceiling type fans	Endurance	Cl. 16 of IS 374: 2019
178.	Electric ceiling type fans	Energy efficiency	BEE Schedule 8 / Cl. 14, 15 of IS 374: 2019
179.	Electric ceiling type fans	Interchangeability	Cl. 12 of IS 374: 2019
180.	Electric ceiling type fans	Marking/ marking and instructions	Cl. 8 of IS 374: 2019/ Cl. 7 of IS 302-1:2008 +A1:2009+ A2:2013+ A3:2014+A4:2015 / Cl. 7 of IS 302-2-80: 2017
181.	Electric ceiling type fans	Measurement of power factor and power input	Cl. 14.5 of IS 374: 2019
182.	Electric ceiling type fans	Measurement of speed of the fan	Cl. 14.4 of IS 374: 2019
183.	Electric ceiling type fans	Performance requirements	Cl. 15 of IS 374: 2019
184.	Electric ceiling type fans	Safety requirements – Abnormal operation	Cl. 9 of IS 374: 2019/ Cl. 19 of IS 302-1:2008+A1:2009+ A2:2013+



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	Domestic Electrical Appliances		
			A3:2014+A4:2015 / Cl. 19 of IS 302-2-80: 2017
185.	Electric ceiling type fans	Safety requirements – clearance and creepage distance	Cl. 9 of IS 374: 2019/ Cl. 29 of IS 302-1:2008+A1:2009+A2:2013+ A3:2014+A4:2015 / Cl. 29 of IS 302-2-80: 2017
186.	Electric ceiling type fans	Safety requirements – Components	Cl. 9 of IS 374: 2019/ Cl. 24 of IS 302-1:2008+A1:2009+A2:2013+ A3:2014+A4:2015 / Cl. 24 of IS 302-2-80: 2017
187.	Electric ceiling type fans	Safety requirements – Construction	Cl. 9 of IS 374: 2019/ Cl. 22 of IS 302-1:2008+A1:2009+A2:2013+ A3:2014+A4:2015 / Cl. 22 of IS 302-2-80: 2017
188.	Electric ceiling type fans	Safety requirements – heating	Cl. 9 of IS 374: 2019/ Cl. 11 of IS 302-1:2008+A1:2009+A2:2013+ A3:2014+A4:2015 / Cl. 11 of IS 302-2-80: 2017
189.	Electric ceiling type fans	Safety requirements – internal wiring	Cl. 9 of IS 374: 2019/ Cl. 23 of IS 302-1:2008+A1:2009+A2:2013+ A3:2014+A4:2015 / Cl. 23 of IS 302-2-80: 2017
190.	Electric ceiling type fans	Safety requirements – leakage current and electrical strength	Cl. 9 of IS 374: 2019/ Cl. 16 of IS 302-1:2008+A1:2009+A2:2013+ A3:2014+A4:2015 / Cl. 16 of IS 302-2-80: 2017



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	Domestic Electrical Appliances		
191.	Electric ceiling type fans	Safety requirements – leakage current and electrical strength at operating temperature	Cl. 9 of IS 374: 2019/ Cl. 13 of IS 302-1:2008+A1:2009+A2:2013+ A3:2014+A4:2015 / Cl. 13 of IS 302-2-80: 2017
192.	Electric ceiling type fans	Safety requirements – mechanical strength	Cl. 9 of IS 374: 2019/ Cl. 21 of IS 302-1:2008+A1:2009+A2:2013+ A3:2014+A4:2015 / Cl. 21 of IS 302-2-80: 2017
193.	Electric ceiling type fans	Safety requirements – moisture resistance	Cl. 9 of IS 374: 2019/ Cl. 15 of IS 302-1:2008+A1:2009+A2:2013+ A3:2014+A4:2015 / Cl. 15 of IS 302-2-80: 2017
194.	Electric ceiling type fans	Safety requirements – overload protection of transformers and associated circuits	Cl. 9 of IS 374: 2019/ Cl. 17 of IS 302-1:2008+A1:2009+A2:2013+ A3:2014+A4:2015 / Cl. 17 of IS 302-2-80: 2017
195.	Electric ceiling type fans	Safety requirements – power input and current	Cl. 9 of IS 374: 2019/ Cl. 10 of IS 302-1:2008+A1:2009+A2:2013+ A3:2014+A4:2015 / Cl. 10 of IS 302-2-80: 2017
196.	Electric ceiling type fans	Safety requirements – protection against access to live parts	Cl. 9 of IS 374: 2019/ Cl. 8 of IS 302-1:2008+A1:2009+A2:2013+ A3:2014+A4:2015 / Cl. 8 of IS 302-2-80: 2017
197.	Electric ceiling type fans	Safety requirements – provision for earthing	Cl. 9 of IS 374: 2019/ Cl. 27 of IS 302-1:2008+A1:2009+A2:2013+



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	Domestic Electrical Appliances		
			A3:2014+A4:2015 / Cl. 27 of IS 302-2-80: 2017
198.	Electric ceiling type fans	Safety requirements – Resistance to heat and fire	Cl. 9 of IS 374: 2019/ Cl. 30 of IS 302-1:2008+A1:2009+A2:2013+ A3:2014+A4:2015 / Cl. 30 of IS 302-2-80: 2017
199.	Electric ceiling type fans	Safety requirements – Resistance to rusting	Cl. 9 of IS 374: 2019/ Cl. 31 of IS 302-1:2008+A1:2009+A2:2013+ A3:2014+A4:2015 / Cl. 31 of IS 302-2-80: 2017
200.	Electric ceiling type fans	Safety requirements – screws and connections	Cl. 9 of IS 374: 2019/ Cl. 28 of IS 302-1:2008+A1:2009+A2:2013+ A3:2014+A4:2015 / Cl. 28 of IS 302-2-80: 2017
201.	Electric ceiling type fans	Safety requirements – stability and mechanical hazards	Cl. 9 of IS 374: 2019/ Cl. 20 of IS 302-1:2008+A1:2009+A2:2013+ A3:2014+A4:2015 / Cl. 20 of IS 302-2-80: 2017
202.	Electric ceiling type fans	Safety requirements – supply connection and external flexible cords	Cl. 9 of IS 374: 2019/ Cl. 25 of IS 302-1:2008+A1:2009+A2:2013+ A3:2014+A4:2015 / Cl. 25 of IS 302-2-80: 2017
203.	Electric ceiling type fans	Safety requirements – terminals for external conductors	Cl. 9 of IS 374: 2019/ Cl. 26 of IS 302-1:2008+A1:2009+A2:2013+ A3:2014+A4:2015 / Cl. 26 of IS 302-2-80: 2017
204.	Electric ceiling type fans	Safety requirements – transient overvoltage	Cl. 9 of IS 374: 2019/ Cl. 14 of IS 302-1:2008+A1:2009+A2:2013+

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	Domestic Electrical Appliances		
			A3:2014+A4:2015 / Cl. 14 of IS 302-2-80: 2017
205.	Electric ceiling type fans	Silent operation	Cl. 13 of IS 374: 2019
206.	Electric ceiling type fans	Speed regulators	Cl. 10 of IS 374: 2019
207.	Electric ceiling type fans	Starting	Cl. 11 of IS 374: 2019
208.	Electric ceiling type fans	Test for air performance	Cl. 14.3 of IS 374: 2019
209.	Electric ceiling type fans	Test for harmonic distortion	Cl. 17 of IS 374: 2019
210.	Electric ceiling type fans	Test voltage and frequency	Cl. 14.2 of IS 374: 2019
211.	Electric kitchen machines	Abnormal operation	Cl. 19 of IS 302-2-14: 2009
212.	Electric kitchen machines	Abnormal operation	Cl. 19 of IEC 60335-2-14:2016 +A1: 2019
213.	Electric kitchen machines	Clearances, creepage distance and solid insulation	Cl. 29 of IS 302-2-14: 2009
214.	Electric kitchen machines	Clearances, creepage distance and solid insulation	Cl. 29 of IEC 60335-2-14:2016 +A1: 2019
215.	Electric kitchen machines	Components	Cl. 24 of IEC 60335-2-14:2016+A1: 2019
216.	Electric kitchen machines	Components	Cl. 24 of IS 302-2-14: 2009
217.	Electric kitchen machines	Construction	Cl. 22 of IS 302-2-14: 2009
218.	Electric kitchen machines	Construction	Cl. 22 of IEC 60335-2-14:2016 +A1: 2019
219.	Electric kitchen machines	Heating	Cl. 11 of IS 302-2-14: 2009
220.	Electric kitchen machines	Heating	Cl. 11 of IEC 60335-2-14:2016 +A1: 2019
221.	Electric kitchen machines	Internal wiring	Cl. 23 of IS 302-2-14: 2009
222.	Electric kitchen machines	Internal wiring	Cl. 23 of IEC 60335-2-14:2016+ A1: 2019



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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
223.	Electric kitchen machines	Leakage current and electrical strength	Cl. 16 of IS 302-2-14: 2009
224.	Electric kitchen machines	Leakage current and electrical strength	Cl. 16 of IEC 60335-2-14:2016 +A1: 2019
225.	Electric kitchen machines	Leakage current and electrical strength at operating temperature	Cl.13 of IS 302-2-14: 2009
226.	Electric kitchen machines	Leakage current and electrical strength at operating temperature	Cl. 13 of IEC 60335-2-14:2016+A1: 2019
227.	Electric kitchen machines	Marking and instructions	Cl. 7 of IS 302-2-14: 2009
228.	Electric kitchen machines	Marking and instructions	Cl. 7 of IEC 60335-2-14:2016+A1: 2019
229.	Electric kitchen machines	Mechanical strength	Cl. 21 of IS 302-2-14: 2009
230.	Electric kitchen machines	Mechanical strength	Cl. 21 of IEC 60335-2-14:2016 +A1: 2019
231.	Electric kitchen machines	Moisture resistance	Cl. 15 of IS 302-2-14: 2009
232.	Electric kitchen machines	Moisture resistance	Cl. 15 of IEC 60335-2-14:2016+A1: 2019
233.	Electric kitchen machines	Overload protection of transformers and associated circuits	Cl. 17 of IEC 60335-2-14:2016+A1: 2019
234.	Electric kitchen machines	Overload protection of transformers and associated circuits	Cl. 17 of IS 302-2-14: 2009
235.	Electric kitchen machines	Power input and current	Cl. 10 of IS 302-2-14: 2009
236.	Electric kitchen machines	Power input and current	Cl. 10 of IEC 60335-2-14:2016+A1: 2019

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	Domestic Electrical Appliances		
237.	Electric kitchen machines	Protection against access to live parts	Cl. 8 of IS 302-2-14: 2009
238.	Electric kitchen machines	Protection against electric shock & energy hazards	Cl. 8 of IEC 60335-2-14:2016+A1: 2019
239.	Electric kitchen machines	Provision for earthing	Cl. 27 of IEC 60335-2-14:2016+A1: 2019
240.	Electric kitchen machines	Provision for earthing	Cl. 27 of IS 302-2-14: 2009
241.	Electric kitchen machines	Resistance to heat and fire	Cl. 30 of IS 302-2-14: 2009
242.	Electric kitchen machines	Resistance to heat and fire	Cl. 30 of IEC 60335-2-14:2016+A1: 2019
243.	Electric kitchen machines	Resistance to rusting	Cl. 31 of IS 302-2-14: 2009
244.	Electric kitchen machines	Resistance to rusting	Cl. 31 of IEC 60335-2-14:2016+A1: 2019
245.	Electric kitchen machines	Screws and connections	Cl. 28 of IS 302-2-14: 2009
246.	Electric kitchen machines	Screws and connections	Cl. 28 of IEC 60335-2-14:2016+A1: 2019
247.	Electric kitchen machines	Stability and mechanical hazards	Cl. 20 of IS 302-2-14: 2009
248.	Electric kitchen machines	Stability and mechanical hazards	Cl. 20 of IEC 60335-2-14:2016+A1: 2019
249.	Electric kitchen machines	Supply connection and external flexible cords	Cl. 25 of IS 302-2-14: 2009
250.	Electric kitchen machines	Supply connection and external flexible cords	Cl. 25 of IEC 60335-2-14:2016+A1: 2019
251.	Electric kitchen machines	Terminals for external conductors	Cl. 26 of IS 302-2-14: 2009
252.	Electric kitchen machines	Terminals for external conductors	Cl. 26 of IEC 60335-2-14:2016+A1: 2019
253.	Electric kitchen machines	Transient overvoltage	Cl. 14 of IS 302-2-14: 2009

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
254.	Electric kitchen machines	Transient overvoltage	Cl. 14 of IEC 60335-2-14:2016 + A1: 2019
255.	Electric stoves	Abnormal operation	Cl. 19 of IS 302-2-202:1992 + A1: 1993 + A2: 2002
256.	Electric stoves	Components	Cl. 24 of IS 302-2-202:1992 + A1: 1993 + A2: 2002
257.	Electric stoves	Construction	Cl. 22 of IS 302-2-202:1992 + A1: 1993 + A2: 2002
258.	Electric stoves	Creepage distance and clearances	Cl. 29 of IS 302-2-202:1992 + A1: 1993 + A2: 2002
259.	Electric stoves	Electrical insulation and leakage current at operating temperature	Cl. 13 of IS 302-2-202:1992 + A1: 1993 + A2: 2002
260.	Electric stoves	Input and current	Cl. 10 of IS 302-2-202:1992 + A1: 1993 + A2: 2002
261.	Electric stoves	Insulation resistance and electric strength (after humidity treatment)	Cl. 16 of IS 302-2-202:1992 + A1: 1993 + A2: 2002
262.	Electric stoves	Internal wiring	Cl. 23 of IS 302-2-202:1992 + A1: 1993 + A2: 2002
263.	Electric stoves	Marking	Cl. 7 of IS 302-2-202:1992 + A1: 1993 + A2: 2002
264.	Electric stoves	Mechanical strength	Cl. 21 of IS 302-2-202:1992 + A1: 1993 + A2: 2002
265.	Electric stoves	Moisture resistance	Cl. 15 of IS 302-2-202:1992 + A1: 1993 + A2: 2002
266.	Electric stoves	Protection against electric shock	Cl. 8 of IS 302-2-202:1992 + A1: 1993 + A2: 2002

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	Domestic Electrical Appliances		
267.	Electric stoves	Provision for earthing	Cl. 27 of IS 302-2-202:1992 + A1: 1993 + A2: 2002
268.	Electric stoves	Radio and television interference suppression	Cl. 14 of IS 302-2-202:1992 + A1: 1993 + A2: 2002
269.	Electric stoves	Resistance to heat fire and tracking	Cl. 30 of IS 302-2-202:1992 + A1: 1993 + A2: 2002
270.	Electric stoves	Resistance to rusting	Cl. 31 of IS 302-2-202:1992 + A1: 1993 + A2: 2002
271.	Electric stoves	Screws and connections	Cl. 28 of IS 302-2-202:1992 + A1: 1993 + A2: 2002
272.	Electric stoves	Stability and mechanical hazards	Cl. 20 of IS 302-2-202:1992 + A1: 1993 + A2: 2002
273.	Electric stoves	Supply connection and external flexible cords	Cl. 25 of IS 302-2-202:1992 + A1: 1993 + A2: 2002
274.	Electric stoves	Temperature rise	Cl. 11 of IS 302-2-202:1992 + A1: 1993 + A2: 2002
275.	Electric stoves	Terminals for external conductors	Cl. 26 of IS 302-2-202:1992 + A1: 1993 + A2: 2002
276.	Fans	Abnormal operation	Cl. 19 of IS 302-2-80: 2017
277.	Fans	Abnormal operation	Cl. 19 of IEC 60335-2-80: 2015
278.	Fans	Clearances creepage distance and solid insulation	Cl. 29 of IS 302-2-80: 2017
279.	Fans	Clearances creepage distance and solid insulation	Cl. 29 of IEC 60335-2-80: 2015
280.	Fans	Components	Cl. 24 of IEC 60335-2-80: 2015
281.	Fans	Components	Cl. 24 of IS 302-2-80: 2017
282.	Fans	Construction	Cl. 22 of IS 302-2-80: 2017
283.	Fans	Construction	Cl. 22 of IEC 60335-2-80: 2015

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
284.	Fans	Construction	Cl. 22 of IEC 60335-2-80: 2015
285.	Fans	Heating	Cl. 11 of IS 302-2-80: 2017
286.	Fans	Heating	Cl. 11 of IEC 60335-2-80: 2015
287.	Fans	Internal wiring	Cl. 23 of IS 302-2-80: 2017
288.	Fans	Internal wiring	Cl. 23 of IEC 60335-2-80: 2015
289.	Fans	Leakage current and electric strength	Cl. 16 of IEC 60335-2-80: 2015
290.	Fans	Leakage current and electric strength at operating temperature	Cl. 13 of IEC 60335-2-80: 2015
291.	Fans	Leakage current and electrical strength	Cl. 16 of IS 302-2-80: 2017
292.	Fans	Leakage current and electrical strength at operating temperature	Cl. 13 of IS 302-2-80: 2017
293.	Fans	Marking and instructions	Cl. 7 of IS 302-2-80: 2017
294.	Fans	Marking and instructions	Cl. 7 of IEC 60335-2-80: 2015
295.	Fans	Mechanical strength	Cl. 21 of IS 302-2-80: 2017
296.	Fans	Mechanical strength	Cl. 21 of IEC 60335-2-80: 2015
297.	Fans	Moisture resistance	Cl. 15 of IS 302-2-80: 2017
298.	Fans	Moisture resistance	Cl. 15 of IEC 60335-2-80: 2015
299.	Fans	Overload protection of transformers and associated circuits	Cl. 17 of IS 302-2-80: 2017
300.	Fans	Overload protection of transformers and associated circuits	Cl. 17 of IEC 60335-2-80: 2015
301.	Fans	Power input & current	Cl. 10 of IEC 60335-2-80: 2015

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
302.	Fans	Power input and current	Cl. 10 of IS 302-2-80: 2017
303.	Fans	Protection against access to live parts	Cl. 8 of IS 302-2-80: 2017
304.	Fans	Protection against access to live parts	Cl. 8 of IEC 60335-2-80: 2015
305.	Fans	Provision for earthing	Cl. 27 of IS 302-2-80: 2017
306.	Fans	Provision for earthing	Cl. 27 of IEC 60335-2-80: 2015
307.	Fans	Resistance to heat and fire	Cl. 30 of IS 302-2-80: 2017
308.	Fans	Resistance to heat and fire	Cl. 30 of IEC 60335-2-80: 2015
309.	Fans	Resistance to rusting	Cl. 31 of IS 302-2-80: 2017
310.	Fans	Resistance to rusting	Cl. 31 of IEC 60335-2-80: 2015
311.	Fans	Screws and connections	Cl. 28 of IS 302-2-80: 2017
312.	Fans	Screws and connections	Cl. 28 of IEC 60335-2-80: 2015



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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
313.	Fans	Stability and mechanical hazards	Cl. 20 of IEC 60335-2-80: 2015
314.	Fans	Stability and mechanical hazards	Cl. 20 of IS 302-2-80: 2017
315.	Fans	Supply connection and external flexible cords	Cl. 25 of IS 302-2-80: 2017
316.	Fans	Supply connection and external flexible cords	Cl. 25 of IEC 60335-2-80: 2015
317.	Fans	Terminals for external conductors	Cl. 26 of IS 302-2-80: 2017
318.	Fans	Terminals for external conductors	Cl. 26 of IEC 60335-2-80: 2015
319.	Fans	Transient over voltages	Cl. 14 of IEC 60335-2-80: 2015
320.	Fans	Transient overvoltage	Cl. 14 of IS 302-2-80: 2017
321.	Humidifiers	Abnormal operation	Cl. 19 of IEC 60335-2-98:2002+AMD1:2004+AMD2: 2008
322.	Humidifiers	Clearances and creepage distances	Cl. 29 of IEC 60335-2-98:2002+AMD1:2004+AMD2: 2008
323.	Humidifiers	Components	Cl. 24 of IEC 60335-2-98:2023

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
324.	Humidifiers	Construction	Cl. 22 of IEC 60335-2-98:2002+AMD1:2004+AMD2: 2008
325.	Humidifiers	Heating	Cl. 11 of IEC 60335-2-98:2002+AMD1:2004+AMD2: 2008
326.	Humidifiers	Internal wiring	Cl. 23 of IEC 60335-2-98:2002+AMD1:2004+AMD2: 2008
327.	Humidifiers	Leakage current & electrical strength at operating temperature	Cl. 13 of IEC 60335-2-98:2002+AMD1:2004+AMD2: 2008
328.	Humidifiers	Leakage current & electrical strength	Cl. 16 of IEC 60335-2-98:2002+AMD1:2004+AMD2: 2008
329.	Humidifiers	Marking and instructions	Cl. 7 of IEC 60335-2-98:2023
330.	Humidifiers	Mechanical strength	Cl. 21 of IEC 60335-2-98:2002+AMD1:2004+AMD2: 2008
331.	Humidifiers	Moisture resistance	Cl. 15 of IEC 60335-2-98:2023
332.	Humidifiers	Overload protection of transformers and associated circuits	Cl. 17 of IEC 60335-2-98:2002+AMD1:2004+AMD2: 2008
333.	Humidifiers	Power input & current	Cl. 10 of IEC 60335-2-98:2002+AMD1:2004+AMD2: 2008
334.	Humidifiers	Protection against access to live parts	Cl. 8 of IEC 60335-2-98:2023

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	Domestic Electrical Appliances		
335.	Humidifiers	Provision for earthing	Cl. 27 of IEC 60335-2-98:2002+AMD1:2004+AMD2: 2008
336.	Humidifiers	Resistance to heat and fire	Cl. 30 of IEC 60335-2-98:2023
337.	Humidifiers	Resistance to rusting	Cl. 31 of IEC 60335-2-98:2023
338.	Humidifiers	Screws and connections	Cl. 28 of IEC 60335-2-98:2002+AMD1:2004+AMD2: 2008
339.	Humidifiers	Stability and mechanical hazards	Cl. 20 of IEC 60335-2-98:2002+AMD1:2004+AMD2: 2008
340.	Humidifiers	Supply connection and external flexible cords	Cl. 25 of IEC 60335-2-98:2002+AMD1:2004+AMD2: 2008
341.	Humidifiers	Terminals for external conductors	Cl. 26 of IEC 60335-2-98:2002+AMD1:2004+AMD2: 2008
342.	Humidifiers	Transient over voltage	Cl. 14 of IEC 60335-2-98:2023
343.	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 (2nd Edition): 2011
344.	Method of measurement for the power consumption of household electrical appliances	Power consumption in - active mode,	Cl. 11 of IEC 62087 (P1-P6): 2015

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
345.	Rice cooker	Abnormal operation	Cl. 19 of IS 302-2-15 :2009 / Cl. 19 of IEC 60335-2-15:2012+ AMD1:2016+ AMD2: 2018
346.	Rice cooker	Clearances, creepage distances and solid insulation	Cl. 29 of IS 302-2-15 :2009 / Cl. 29 of IEC 60335-2-15:2012+ AMD1:2016+AMD2: 2018
347.	Rice cooker	Components	Cl. 24 of IS 302-2-15 :2009 / Cl. 24 of IEC 60335-2-15:2012+ AMD1:2016+AMD2: 2018
348.	Rice cooker	Construction	Cl. 22 of IS 302-2-15 :2009 / Cl. 22 of IEC 60335-2-15:2012+ AMD1:2016+AMD2: 2018
349.	Rice cooker	Heating	Cl. 11 of IS 302-2-15 :2009 / Cl. 11 of IEC 60335-2-15:2012+ AMD1:2016+AMD2: 2018
350.	Rice cooker	Internal wiring	Cl. 23 of IS 302-2-15 :2009 / Cl. 23 of IEC 60335-2-15:2012+ AMD1:2016+AMD2: 2018
351.	Rice cooker	Leakage current and electric strength	Cl. 16 of IS 302-2-15 :2009 / Cl. 16 of IEC 60335-2-15:2012+ AMD1:2016+ AMD2: 2018
352.	Rice cooker	Leakage current and electric strength at operating temperature	Cl. 13 of IS 302-2-15 :2009 / Cl. 13 of IEC 60335-2-15:2012+ AMD1:2016 + AMD2: 2018
353.	Rice cooker	Mechanical strength	Cl. 21 of IS 302-2-15 :2009 / Cl. 21 of IEC 60335-2-15:2012+ AMD1:2016+AMD2: 2018



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	Domestic Electrical Appliances		
354.	Rice cooker	Moisture resistance	Cl. 15 of IS 302-2-15 :2009 / cl. 15 of IEC 60335-2-15:2012+ AMD1:2016+AMD2: 2018
355.	Rice cooker	Overload protection of transformers and associated circuits	Cl. 17 of IS 302-2-15 :2009 / Cl. 17 of IEC 60335-2-15:2012+ AMD1:2016+AMD2: 2018
356.	Rice cooker	Power input and current	Cl. 10 of IS 302-2-15 :2009 / Cl. 10 of IEC 60335-2-15:2012+ AMD1:2016+AMD2: 2018
357.	Rice cooker	Protection against access to live parts	Cl. 8 of IS 302-2-15 :2009 / Cl. 8 of IEC 60335-2-15:2012+ AMD1:2016+AMD2: 2018
358.	Rice cooker	Provision for earthing	Cl. 27 of IS 302-2-15 :2009 / Cl. 27 of IEC 60335-2-15:2012+ AMD1:2016+AMD2: 2018
359.	Rice cooker	Resistance to heat and fire	Cl. 30 of IS 302-2-15 :2009 / Cl. 30 of IEC 60335-2-15:2012+ AMD1:2016+AMD2: 2018
360.	Rice cooker	Resistance to rusting	Cl. 31 of IS 302-2-15 :2009 / Cl. 31 of IEC 60335-2-15:2012+ AMD1:2016+AMD2: 2018
361.	Rice cooker	Screws and connections	Cl. 28 of IS 302-2-15 :2009 / Cl. 28 of IEC 60335-2-15:2012+ AMD1:2016+ AMD2: 2018
362.	Rice cooker	Stability and mechanical hazards	Cl. 20 of IS 302-2-15 :2009 / Cl. 20 of IEC 60335-2-15:2012+ AMD1:2016+AMD2: 2018

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	Domestic Electrical Appliances		
363.	Rice cooker	Supply connection and external flexible cords	Cl. 25 of IS 302-2-15 :2009 / Cl. 25 of IEC 60335-2-15:2012+ AMD1:2016+ AMD2: 2018
364.	Rice cooker	Terminals for external conductors	Cl. 26 of IS 302-2-15 :2009 / IEC 60335-2-15:2012+ AMD1:2016 +AMD2: 2018
365.	Rice cooker	Transient overvoltage	Cl. 14 of IS 302-2-15 :2009 / IEC 60335-2-15:2012+ AMD1:2016+ AMD2: 2018
366.	Rice cooker, clocks, fans, kitchen machines, induction hob and stoves	Radiation, toxicity and similar hazards	Cl. 32 of IS 302-2-15: 2009/IS 302-2-6: 2009/ IS 302-2-14: 2009/ IS 302-2-80: 2017/ IS 302-2-26: 2014
367.	Rice cookers	Marking and instructions	Cl. 7 of IS 302-2-15 :2009 / Cl. 7 of IEC 60335-2-15:2012+ AMD1:2016+ AMD2: 2018
368.	Room heaters	Power input & current	Cl. 10 of IEC 60335-2-30:2009+ AMD1:2016+AMD2: 2021
369.	Room heaters	Abnormal operation	Cl. 19 of IEC 60335-2-30:2009+ AMD1:2016+AMD2: 2021
370.	Room heaters	Abnormal operation	Cl. 19 of IS 302-2-30:2007+A1:2012+A2: 2019
371.	Room heaters	Clearances, creepage distance and solid insulation	Cl. 29 of IS 302-2-30:2007 +A1:2012+A2: 2019
372.	Room heaters	Clearances, creepage distance and solid insulation	Cl. 29 of IEC 60335-2-30:2009+ AMD1:2016+AMD2: 2021

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	Domestic Electrical Appliances		
373.	Room heaters	Components	Cl. 24 of IS 302-2-30:2007+ A1:2012+A2: 2019+A3:2023
374.	Room heaters	Components	Cl.24 of IEC 60335-2-30:2009+ AMD1:2016+AMD2: 2021
375.	Room heaters	Construction	Cl. 22 of IS 302-2-30:2007+A1:2012+A2 : 2019
376.	Room heaters	Construction	Cl. 22 of IEC 60335-2-30:2009+ AMD1:2016+AMD2: 2021
377.	Room heaters	Heating	Cl. 11 of IS 302-2-30:2007+A1:2012+A2: 2019
378.	Room heaters	Heating	Cl. 11 of IEC 60335-2-30:2009+ AMD1:2016+AMD2: 2021
379.	Room heaters	Internal wiring	Cl. 23 of IS 302-2-30:2007+A1:2012+A2: 2019
380.	Room heaters	Internal wiring	Cl. 23 of IEC 60335-2-30:2009+ AMD1:2016+AMD2: 2021
381.	Room heaters	Leakage current and electric strength	Cl. 16 of IEC 60335-2-30:2009+ AMD1:2016+AMD2: 2021
382.	Room heaters	Leakage current and electric strength at operating temperature	Cl. 13 of IEC 60335-2-30:2009+ AMD1:2016+AMD2: 2021
383.	Room heaters	Leakage current and electrical strength	Cl. 16 of IS 302-2-30:2007+A1:2012+A2: 2019

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
384.	Room heaters	Leakage current and electrical strength at operating temperature	Cl. 13 of IS 302-2-30:2007+A1:2012+A2: 2019
385.	Room heaters	Marking and instructions	Cl. 7 of IS 302-2-30:2007+A1:2012+A2: 2019+A3:2023
386.	Room heaters	Marking and instructions	Cl. 7 of IEC 60335-2-30:2009+AMD1:2016+AMD2: 2021
387.	Room heaters	Mechanical strength	Cl. 21 of IS 302-2-30:2007+A1:2012+A2: 2019
388.	Room heaters	Mechanical strength	Cl. 21 of IEC 60335-2-30:2009+AMD1:2016+AMD2: 2021
389.	Room heaters	Moisture resistance	Cl. 15 of IS 302-2-30:2007+A1:2012+A2: 2019+A3:2023
390.	Room heaters	Moisture resistance	Cl. 15 of IEC 60335-2-30:2009+AMD1:2016+AMD2: 2021
391.	Room heaters	Overload protection of transformers and associated circuits	Cl. 17 of IS 302-2-30:2007+A1:2012+A2: 2019
392.	Room heaters	Overload protection of transformers and associated circuits	Cl. 17 of IEC 60335-2-30:2009+AMD1:2016+AMD2: 2021
393.	Room heaters	Power input and current	Cl. 10 of IS 302-2-30:2007+A1:2012+A2: 2019



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	Domestic Electrical Appliances		
394.	Room heaters	Protection against access to live parts	Cl. 8 of IS 302-2-30:2007 +A1:2012+A2: 2019+A3:2023
395.	Room heaters	Protection against access to live parts	Cl. 8 of IEC 60335-2-30:2009+AMD1:2016+AMD2: 2021
396.	Room heaters	Provision for earthing	Cl. 27 of IS 302-2-30:2007 +A1:2012+A2: 2019
397.	Room heaters	Provision for earthing	Cl. 27 of IEC 60335-2-30:2009+AMD1:2016+AMD2: 2021
398.	Room heaters	Resistance to heat and fire	Cl. 30 of IS 302-2-30:2007 +A1:2012+A2: 2019+A3:2023
399.	Room heaters	Resistance to heat and fire	Cl. 30 of IEC 60335-2-30:2009+AMD1:2016+AMD2: 2021
400.	Room heaters	Resistance to rusting	Cl. 31 of IS 302-2-30:2007 +A1:2012+A2: 2019+A3:2023
401.	Room heaters	Resistance to rusting	Cl. 31 of IEC 60335-2-30:2009+AMD1:2016+AMD2: 2021
402.	Room heaters	Screws and connections	Cl. 28 of IEC 60335-2-30:2009+AMD1:2016+AMD2: 2021
403.	Room heaters	Screws and connections	Cl. 28 of IS 302-2-30:2007 +A1:2012+A2: 2019
404.	Room heaters	Stability and mechanical hazards	Cl. 20 of IEC 60335-2-30:2009+AMD1:2016+AMD2: 2021



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	Domestic Electrical Appliances		
405.	Room heaters	Stability and mechanical hazards	Cl. 20 of IS 302-2-30:2007 +A1:2012+A2: 2019
406.	Room heaters	Supply connection and external flexible cords	Cl. 25 of IEC 60335-2-30:2009+ AMD1:2016+AMD2: 2021
407.	Room heaters	Supply connection and external flexible cords	Cl. 25 of IS 302-2-30:2007 +A1:2012+A2: 2019
408.	Room heaters	Terminals for external conductors	Cl. 26 of IS 302-2-30:2007 +A1:2012+A2: 2019
409.	Room heaters	Terminals for external conductors	Cl. 26 of IEC 60335-2-30:2009+ AMD1:2016+AMD2: 2021
410.	Room heaters	Transient over voltages	Cl. 14 of IEC 60335-2-30:2009+ AMD1:2016+AMD2: 2021
411.	Room heaters	Transient overvoltage	Cl. 14 of IS 302-2-30:2007 +A1:2012+A2: 2019+A3:2023
412.	Safety of electric toys	Clearances and creepage distances,	Cl. 18 of IS 15644:2006+A1: 2014
413.	Safety of electric toys	Clearances and creepage distances	Cl. 18 of IEC 62115:2017 / EN IEC 62115:2020 / BS EN IEC 62115:2020+A11: 2020
414.	Safety of electric toys	Construction	Cl. 14 of IS 15644:2006+A1: 2014
415.	Safety of electric toys	Construction	Cl. 14 of IEC 62115:2017 / EN IEC 62115:2020 / BS EN IEC 62115:2020+A11: 2020

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	Domestic Electrical Appliances		
416.	Safety of electric toys	Electric strength at operating temperature	Cl. 10 of IS 15644:2006+A1: 2014
417.	Safety of electric toys	Electric strength at operating temperature	Cl. 10 of IEC 62115:2017 / EN IEC 62115:2020 / BS EN IEC 62115:2020+A11: 2020
418.	Safety of electric toys	Electric strength at room temperature	Cl. 12 of IEC 62115:2017 / EN IEC 62115:2020 / BS EN IEC 62115:2020+A11: 2020
419.	Safety of electric toys	Electric strength at room temperature	Cl. 12 of IS 15644:2006+A1: 2014
420.	Safety of electric toys	Heating and abnormal operation	Cl. 9 of IS 15644:2006+A1: 2014
421.	Safety of electric toys	Heating and abnormal operation	Cl. 9 of IEC 62115:2017 / EN IEC 62115:2020 / BS EN IEC 62115:2020+A11: 2020
422.	Safety of electric toys	Marking and instructions	Cl. 7 of IS 15644:2006+A1: 2014
423.	Safety of electric toys	Marking and instructions	Cl. 7 of IEC 62115:2017 / EN IEC 62115:2020 / BS EN IEC 62115:2020+A11: 2020
424.	Safety of electric toys	Mechanical strength	Cl. 13 of IS 15644:2006+A1: 2014
425.	Safety of electric toys	Mechanical strength	Cl. 13 of IEC 62115:2017 / EN IEC 62115:2020 / BS EN IEC 62115:2020+A11: 2020
426.	Safety of electric toys	Moisture resistance	Cl. 11 of IS 15644:2006+A1: 2014
427.	Safety of electric toys	Moisture resistance	Cl. 11 of IEC 62115:2017 / EN IEC 62115:2020 / BS EN IEC 62115:2020+A11: 2020
428.	Safety of electric toys	Power input	Cl. 8 of IS 15644:2006+A1: 2014

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	Domestic Electrical Appliances		
429.	Safety of electric toys	Power input	Cl. 8 of IEC 62115:2017 / EN IEC 62115:2020 / BS EN IEC 62115:2020+A11: 2020
430.	Safety of electric toys	Protection of cords and wires	Cl. 15 of IEC 62115:2017 / EN IEC 62115:2020 / BS EN IEC 62115:2020+A11: 2020
431.	Safety of electric toys	Protection of cords and wires	Cl. 15 of IS 15644:2006+A1: 2014
432.	Safety of electric toys	Radiation, toxicity and similar hazards	Cl. 20 of IEC 62115:2017 / EN IEC 62115:2020 / BS EN IEC 62115:2020+A11: 2020
433.	Safety of electric toys	Radiation, toxicity and similar hazards	Cl. 20 of IS 15644: 2006 +A1: 2014
434.	Safety of electric toys	Resistance to heat and fire	Cl. 19 of IS 15644:2006+A1: 2014
435.	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
436.	Safety of electric toys	Screws and connections	Cl. 17 of IEC 62115:2017 / EN IEC 62115:2020 / BS EN IEC 62115:2020+A11: 2020
437.	Safety of electric toys	Screws and connections	Cl. 17 of IS 15644:2006+A1: 2014
438.	Sewing machine	Abnormal operation	Cl. 19 of IEC 60335-2-28: 2021
439.	Sewing machine	Clearances, creepage distances	Cl. 29 of IEC 60335-2-28: 2021
440.	Sewing machine	Components	Cl. 24 of IEC 60335-2-28: 2021
441.	Sewing machine	Construction	Cl. 22 of IEC 60335-2-28: 2021
442.	Sewing machine	Heating	Cl. 11 of IEC 60335-2-28: 2021
443.	Sewing machine	Internal wiring	Cl. 23 of IEC 60335-2-28: 2021
444.	Sewing machine	Leakage current & electrical	Cl. 16 of IEC 60335-2-28: 2021

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	Domestic Electrical Appliances		
445.	Sewing machine	Leakage current & electrical	Cl. 13 of IEC 60335-2-28: 2021
446.	Sewing machine	Marking and instructions	Cl. 7 of IEC 60335-2-28: 2021
447.	Sewing machine	Mechanical strength	Cl. 21 of IEC 60335-2-28: 2021
448.	Sewing machine	Moisture resistance	Cl. 15 of IEC 60335-2-28: 2021
449.	Sewing machine	Overload protection of	Cl. 17 of IEC 60335-2-28: 2021
450.	Sewing machine	Power input & current	Cl. 10 of IEC 60335-2-28: 2021
451.	Sewing machine	Protection against access to live parts	Cl. 8 of IEC 60335-2-28: 2021
452.	Sewing machine	Provision for earthing	Cl. 27 of IEC 60335-2-28: 2021
453.	Sewing machine	Resistance to heat and fire	Cl. 30 of IEC 60335-2-28: 2021
454.	Sewing machine	Resistance to rusting	Cl. 31 of IEC 60335-2-28: 2021
455.	Sewing machine	Screws and connections	Cl. 28 of IEC 60335-2-28: 2021
456.	Sewing machine	Stability and mechanical hazards	Cl. 20 of IEC 60335-2-28: 2021
457.	Sewing machine	Supply connection and external	Cl. 25 of IEC 60335-2-28: 2021
458.	Sewing machine	Terminals for external	Cl. 26 of IEC 60335-2-28: 2021
459.	Sewing machine	Transient overvoltage	Cl. 14 of IEC 60335-2-28: 2021
460.	Specification for domestic electric food mixers (liquidizers and grinders)	Mechanical strength	Cl. 21 of IS 4250:1980+ A1: 1983+A2: 1986+A3: 1989+A4: 1989+ A5: 1992+A6: 1993+ A7: 1994+A8: 1999+ A9:2006+A10: 2019
461.	Specification for domestic electric food mixers (liquidizers and grinders)	Operational test	Cl. 34 of IS 4250:1980+ A1: 1983+A2: 1986+A3: 1989+A4: 1989+ A5: 1992+A6: 1993+ A7: 1994+A8: 1999+ A9:2006+A10: 2019

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	Domestic Electrical Appliances		
462.	Specification for domestic electric food mixers (liquidizers and grinders)	Provision for earthing	Cl. 27 of IS 4250:1980+ A1: 1983+A2: 1986+A3: 1989+A4: 1989+ A5: 1992+A6: 1993+ A7: 1994+A8: 1999+ A9:2006+A10: 2019
463.	Specification for domestic electric food mixers (liquidizers and grinders)	Resistance to rusting	Cl. 31 of IS 4250:1980+ A1: 1983+A2: 1986+A3: 1989+A4: 1989+ A5: 1992+A6: 1993+ A7: 1994+A8: 1999+ A9:2006+A10: 2019
464.	Specification for domestic electric food mixers (liquidizers and grinders)	Screws and connections	Cl. 28 of IS 4250:1980+ A1: 1983+A2: 1986+A3: 1989+A4: 1989+ A5: 1992+A6: 1993+ A7: 1994+A8: 1999+ A9:2006+A10: 2019
465.	Specification for domestic electric food mixers (liquidizers and grinders)	Stability and mechanical hazards	Cl. 20 of IS 4250:1980+ A1: 1983+A2: 1986+A3: 1989+A4: 1989+ A5: 1992+A6: 1993+ A7: 1994+A8: 1999+ A9:2006+A10: 2019
466.	Specification for domestic electric food mixers (liquidizers and Grinders)	Starting	Cl. 9 of IS 4250:1980+ A1: 1983+A2: 1986+A3: 1989+A4: 1989+ A5: 1992+A6: 1993+ A7:1994+A8: 1999+ A9:2006+A10: 2019
467.	Specification for domestic electric food mixers (liquidizers and grinders)	Strength of assembly	Cl. 37 of IS 4250:1980+ A1: 1983+A2: 1986+A3: 1989+A4: 1989+ A5: 1992+A6: 1993+ A7: 1994+A8: 1999+ A9:2006+A10: 2019
468.	Specification for domestic electric food mixers (liquidizers and grinders)	Supply connection and external flexible cords	Cl. 25 of IS 4250:1980+ A1: 1983+A2: 1986+A3: 1989+A4: 1989+ A5: 1992+A6: 1993+ A7:1994 + A8: 1999+ A9:2006+A10: 2019

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	Domestic Electrical Appliances		
469.	Toasters, grills, roasters and similar appliances	Abnormal operation	Cl. 19 of IS 302-2-9:2009+ A1: 2002+A2: 2005
470.	Toasters, grills, roasters and similar appliances	Abnormal operation	Cl. 19 of IEC 60335-2-9: 2019
471.	Toasters, grills, roasters and similar appliances	Clearances creepage distance and solid insulation	Cl. 29 of IEC 60335-2-9: 2019
472.	Toasters, grills, roasters and similar appliances	Clearances creepage distance and solid insulation	Cl. 29 of IS 302-2-9:2009+ A1: 2002+A2: 2005
473.	Toasters, grills, roasters and similar appliances	Components	Cl. 24 of IS 302-2-9:2009
474.	Toasters, grills, roasters and similar appliances	Components	Cl. 24 of IEC 60335-2-9: 2019
475.	Toasters, grills, roasters and similar appliances	Construction	Cl. 22 of IS 302-2-9:2009+ A1: 2002+A2: 2005
476.	Toasters, grills, roasters and similar appliances	Construction	Cl. 22 of IEC 60335-2-9: 2019
477.	Toasters, grills, roasters and similar appliances	Heating	Cl. 11 of IEC 60335-2-9: 2019
478.	Toasters, grills, roasters and similar appliances	Heating	Cl. 11 of IS 302-2-9:2009+ A1: 2002+A2: 2005
479.	Toasters, grills, roasters and similar appliances	Internal wiring	Cl. 23 of IS 302-2-9:2009+ A1: 2002+A2: 2005
480.	Toasters, grills, roasters and similar appliances	Internal wiring	Cl. 23 of IEC 60335-2-9: 2019
481.	Toasters, grills, roasters and similar appliances	Leakage current & electrical strength at operating temperature	Cl. 13 of IS 302-2-9:2009+ A1: 2002+A2: 2005



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	Domestic Electrical Appliances		
482.	Toasters, grills, roasters and similar appliances	Leakage current & electrical strength at operating temperature	Cl. 13 of IEC 60335-2-9: 2019
483.	Toasters, grills, roasters and similar appliances	Leakage current & electrical strength	Cl. 16 of IEC 60335-2-9: 2019
484.	Toasters, grills, roasters and similar appliances	Leakage current & electrical strength	Cl. 16 of IS 302-2-9:2009+ A1: 2002+A2: 2005
485.	Toasters, grills, roasters and similar appliances	Marking and instructions	Cl. 7 of IEC 60335-2-9: 2019
486.	Toasters, grills, roasters and similar appliances	Marking and instructions	Cl. 7 of IS 302-2-9:2009
487.	Toasters, grills, roasters and similar appliances	Mechanical strength	Cl. 21 of IS 302-2-9:2009+ A1: 2002+A2: 2005
488.	Toasters, grills, roasters and similar appliances	Mechanical strength	Cl. 21 of IEC 60335-2-9: 2019
489.	Toasters, grills, roasters and similar appliances	Moisture resistance	Cl. 15 of IEC 60335-2-9: 2019
490.	Toasters, grills, roasters and similar appliances	Moisture resistance	Cl. 15 of IS 302-2-9:2009
491.	Toasters, grills, roasters and similar appliances	Overload protection of transformers and associated circuits	Cl. 17 of IS 302-2-9:2009+ A1: 2002+A2: 2005
492.	Toasters, grills, roasters and similar appliances	Overload protection of transformers and associated circuits	Cl. 17 of IEC 60335-2-9: 2019
493.	Toasters, grills, roasters and similar appliances	Power Input & current	Cl. 10 of IS 302-2-9:2009+ A1: 2002+A2: 2005

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	Domestic Electrical Appliances		
494.	Toasters, grills, roasters and similar appliances	Power input & current	Cl. 10 of IEC 60335-2-9: 2019
495.	Toasters, grills, roasters and similar appliances	Protection against access to live parts	Cl. 8.0 of IS 302-2-9:2009
496.	Toasters, grills, roasters and similar appliances	Protection against access to live parts	Cl. 8 of IEC 60335-2-9: 2019
497.	Toasters, grills, roasters and similar appliances	Provision for earthing	Cl. 27 of IEC 60335-2-9: 2019
498.	Toasters, grills, roasters and similar appliances	Resistance to heat and fire	Cl. 30 of IEC 60335-2-9: 2019
499.	Toasters, grills, roasters and similar appliances	Resistance to heat and fire	Cl. 30 of IS 302-2-9:2009
500.	Toasters, grills, roasters and similar appliances	Resistance to rusting	Cl. 31 of IS 302-2-9:2009
501.	Toasters, grills, roasters and similar appliances	Resistance to rusting	Cl. 31 of IEC 60335-2-9: 2019
502.	Toasters, grills, roasters and similar appliances	Screws and connections	Cl. 28 of IEC 60335-2-9: 2019
503.	Toasters, grills, roasters and similar appliances	Screws and connections	Cl. 28 of IS 302-2-9:2009+ A1: 2002+A2: 2005
504.	Toasters, grills, roasters and similar appliances	Stability and mechanical hazards	Cl. 20 of IS 302-2-9:2009+ A1: 2002+A2: 2005
505.	Toasters, grills, roasters and similar appliances	Stability and Mechanical Hazards	Cl. 20 of IEC 60335-2-9: 2019
506.	Toasters, grills, roasters and similar appliances	Supply connection and external flexible cords	Cl. 25 of IS 302-2-9:2009+ A1: 2002+A2: 2005
507.	Toasters, grills, roasters and similar appliances	Supply connection and external flexible cords	Cl. 25 of IEC 60335-2-9: 2019

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	Domestic Electrical Appliances		
508.	Toasters, grills, roasters and similar appliances	Terminals for external conductors	Cl. 26 of IEC 60335-2-9: 2019
509.	Toasters, grills, roasters and similar appliances	Terminals for external conductors	Cl. 26 of IS 302-2-9:2009+ A1: 2002+A2: 2005
510.	Toasters, grills, roasters and similar appliances	Transient over voltage	Cl. 14 of IS 302-2-9:2009
511.	Toasters, grills, roasters and similar appliances	Transient over voltage	Cl. 14 of IEC 60335-2-9: 2019
512.	Toasters, grills, roasters and similar appliances	Provision for earthing	Cl. 27 of IS 302-2-9:2009+ A1: 2002+A2: 2005
513.	Warming plates and similar appliances	Marking/ marking and instructions	Cl. 7 of IS 302-2-12: 1993 +A1: 2002
514.	Warming plates and similar appliances	Supply connection and external flexible cords	Cl. 25 of IS 302-2-12: 1993
515.	Warming plates and similar appliances	Abnormal operation	Cl. 19 of IEC 60335-2-12: 2002 + AMD1: 2008 + AMD2: 2017
516.	Warming plates and similar appliances	Abnormal operation	Cl. 19 of IS 302-2-12: 1993
517.	Warming plates and similar appliances	Clearances and creepage distances	Cl. 29 of IS 302-2-12: 1993
518.	Warming plates and similar appliances	Clearances, creepage distance and solid insulation	Cl. 29 of IEC 60335-2-12: 2002 + AMD1: 2008 + AMD2: 2017
519.	Warming plates and similar appliances	Components	Cl. 24 of IEC 60335-2-12: 2002 + AMD1: 2008 + AMD2: 2017
520.	Warming plates and similar appliances	Components	Cl. 24 of IS 302-2-12: 1993 +A1: 2002
521.	Warming plates and similar appliances	Construction	Cl. 22 of IEC 60335-2-12: 2002 + AMD1: 2008 + AMD2: 2017

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	Domestic Electrical Appliances		
522.	Warming plates and similar appliances	Construction	Cl. 22 of IS 302-2-12: 1993
523.	Warming plates and similar appliances	Electric insulation and leakage current at operating temperature	Cl. 13 of IS 302-2-12: 1993
524.	Warming plates and similar appliances	Heating	Cl. 11 of IEC 60335-2-12: 2002 + AMD1: 2008 + AMD2: 2017
525.	Warming plates and similar appliances	Input & current / power input & current	Cl. 10 of IS 302-2-12: 1993
526.	Warming plates and similar appliances	Insulation resistance and electric strength (after humidity treatment)	Cl. 16 of IS 302-2-12: 1993
527.	Warming plates and similar appliances	Internal wiring	Cl. 23 of IEC 60335-2-12: 2002 + AMD1: 2008 + AMD2: 2017
528.	Warming plates and similar appliances	Internal wiring	Cl. 23 of IS 302-2-12: 1993
529.	Warming plates and similar appliances	Leakage current and electric strength	Cl. 16 of IEC 60335-2-12: 2002 + AMD1: 2008 + AMD2: 2017
530.	Warming plates and similar appliances	Leakage current and electric strength at operating temperature	Cl. 13 of IEC 60335-2-12: 2002 + AMD1: 2008 + AMD2: 2017
531.	Warming plates and similar appliances	Marking and instructions	Cl. 7 of IEC 60335-2-12: 2002 + AMD1: 2008 + AMD2: 2017
532.	Warming plates and similar appliances	Mechanical strength	Cl. 21 of IEC 60335-2-12: 2002 + AMD1: 2008 + AMD2: 2017
533.	Warming plates and similar appliances	Mechanical strength	Cl. 21 of IS 302-2-12: 1993



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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
534.	Warming plates and similar appliances	Moisture resistance	Cl. 15 of IS 302-2-12: 1993 +A1: 2002
535.	Warming plates and similar appliances	Moisture resistance	Cl. 15 of IEC 60335-2-12: 2002 + AMD1: 2008 + AMD2: 2017
536.	Warming plates and similar appliances	Overload protection	Cl. 17 of IS 302-2-12: 1993
537.	Warming plates and similar appliances	Overload protection of transformers and associated circuits	Cl. 17 of IEC 60335-2-12: 2002 + AMD1: 2008 + AMD2: 2017
538.	Warming plates and similar appliances	Power input & current	Cl 10 of IEC 60335-2-12: 2002 + AMD1: 2008 + AMD2: 2017
539.	Warming plates and similar appliances	Protection against access to live parts	Cl. 8 of IEC 60335-2-12: 2002 + AMD1: 2008 + AMD2: 2017
540.	Warming plates and similar appliances	Protection against electric shock	Cl. 8 of IS 302-2-12: 1993 +A1: 2002
541.	Warming plates and similar appliances	Provision for earthing	Cl. 27 of IEC 60335-2-12: 2002 + AMD1: 2008 + AMD2: 2017
542.	Warming plates and similar appliances	Provision for earthing	Cl. 27 of IS 302-2-12: 1993
543.	Warming plates and similar appliances	Radio and television interference suppression	Cl. 14 of IS 302-2-12: 1993 +A1: 2002
544.	Warming plates and similar appliances	Resistance to heat, fire and tracking	Cl. 30 of IS 302-2-12: 1993 +A1: 2002
545.	Warming plates and similar appliances	Resistance to heat and fire	Cl. 30 of IEC 60335-2-12: 2002 + AMD1: 2008 + AMD2: 2017
546.	Warming plates and similar appliances	Resistance to rusting	Cl. 31 of IEC 60335-2-12: 2002 + AMD1: 2008 + AMD2: 2017



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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
547.	Warming plates and similar appliances	Resistance to rusting	Cl. 31 of IS 302-2-12: 1993 +A1: 2002
548.	Warming plates and similar appliances	Screws and connections	Cl. 28 of IEC 60335-2-12: 2002 + AMD1: 2008 + AMD2: 2017
549.	Warming plates and similar appliances	Screws and connections	Cl. 28 of IS 302-2-12: 1993
550.	Warming plates and similar appliances	Stability and mechanical hazards	Cl. 20 of IS 302-2-12: 1993
551.	Warming plates and similar appliances	Stability and mechanical hazards	Cl. 20 of IEC 60335-2-12: 2002 + AMD1: 2008 + AMD2: 2017
552.	Warming plates and similar appliances	Supply connection and external flexible cords	Cl. 25 of IEC 60335-2-12: 2002 + AMD1: 2008 + AMD2: 2017
553.	Warming plates and similar appliances	Temperature rise	Cl. 11 of IS 302-2-12: 1993
554.	Warming plates and similar appliances	Terminals for external conductors	Cl. 26 of IEC 60335-2-12: 2002 + AMD1: 2008 + AMD2: 2017
555.	Warming plates and similar appliances	Terminals for external conductors	Cl. 26 of IS 302-2-12: 1993
556.	Warming plates and similar appliances	Transient overvoltage	Cl. 14 of IEC 60335-2-12: 2002 + AMD1: 2008 + AMD2: 2017



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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	Cold Test	Cl. 4 of IS/IEC 60068-2-1: 2007
2.	Electronic/ electrical products/telecommunication equipment and automotive and electromechanical products, assemblies and other components	Cold Test/ Low temperature (Cold Cycle)	IEC 60571: 2012
3.	Electronic/ electrical products/ telecommunication equipment and automotive and electromechanical products, assemblies and other components	Cold Test/ Low temperature (Cold Cycle)	IEC 60068-2-1: 2007
4.	Electronic/ electrical products/ telecommunication equipment and automotive and electromechanical Products, assemblies and other components	Cold Test/ Low temperature (Cold Cycle)	Test No. 1 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		
5.	Electronic/ electrical products/ telecommunication equipment and automotive and electromechanical products, assemblies and other components	Cold test/ low temperature (cold cycle)	Cl. 4 of IS/IEC 60068-2-1: 2007
6.	Electronic/ electrical products/ telecommunication equipment and automotive and electromechanical Products, assemblies and other components	Low temperature	Test No. 20 JSS 55555: 2012
7.	Electronic/ electrical products/ telecommunication equipment and automotive and electromechanical products, assemblies and other components	Rapid temperature cycling (thermal shock)	Test No. 22 JSS 55555: 2012
8.	Electronic/ electrical products/ telecommunication equipment and automotive and electromechanical Products, assemblies and other components	Bump test	JSS5585:2019



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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Environmental test facility		
9.	Electronic/ electrical products/ telecommunication equipment and automotive and electromechanical products, assemblies and other components	Thermal shock	MIL-STD-810H: 2019
10.	Electronic/ electrical products/ telecommunication equipment and automotive and electromechanical Products, assemblies and other components	Weathering test	SAE J2527, ASTM D4459, ASTM D2565, ASTM G155, ISO 492-part 2
11.	Electronic/ electrical products/ telecommunication equipment and automotive and electromechanical products, assemblies And other components	Free fall	IEC 60068-2-31: 2008
12.	Electronic/ electrical products/ telecommunication equipment and automotive and electromechanical Products, assemblies and other components	Bump	JSS5585:2019



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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Environmental test facility		
13.	Electronic/ electrical products/ telecommunication equipment and automotive and electromechanical products, assemblies and other components	Corrosion (salt/salt fog)	JSS5585:2019
14.	Electronic/ electrical products/ telecommunication equipment and automotive and electromechanical Products, assemblies and other components	Damp heat	JSS5585:2019
15.	Electronic/ electrical products/ telecommunication equipment and automotive and electromechanical products, assemblies And other components	Drop	JSS5585:2019
16.	Electronic/ electrical products/ telecommunication equipment and automotive and electromechanical Products, assemblies and other components	Dust	JSS5585:2019



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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Environmental test facility		
17.	Electronic/ electrical products/ telecommunication equipment and automotive and electromechanical products, assemblies And other components	High temperature	JSS5585:2019
18.	Electronic/ electrical products/ telecommunication equipment and automotive and electromechanical Products, assemblies and other components	Immersion	JSS5585:2019
19.	Electronic/ electrical products/ telecommunication equipment and automotive and electromechanical products, assemblies And other components	Low temperature	JSS5585:2019
20.	Electronic/ electrical products/ telecommunication equipment and automotive and electromechanical Products, assemblies and other components	Rapid temperature cycling (thermal shock)	JSS5585:2019



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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Environmental test facility		
21.	Electronic/ electrical products/ telecommunication equipment and automotive and electromechanical products, assemblies And other components	Vibration	JSS5585:2019
22.	Electronic/ electrical products/ telecommunication equipment and automotive and electromechanical Products, assemblies and other components	Fine mist	JSS5585:2019
23.	Electronic/ electrical products/ telecommunication equipment and automotive and electromechanical products, assemblies And other components	Shock or impact	JSS5585:2019
24.	Electronic/ electrical products/ telecommunication equipment and automotive and electromechanical Products, assemblies and other components	Mould growth (fungus)	Test No. 21 JSS 55555:2012
25.	Electric vehicle conductive charging system	Degree of protection against access to hazardous live part	Cl. 8.1 of EN IEC 61851-1: 2017
26.	Electric vehicle conductive charging System	IP degree (IP41, IP44, IP21, IP24)	Cl. 12.4 of EN IEC 61851-1: 2017

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Environmental test facility		
27.	Electrical & electronics equipment/ appliances	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
28.	Electrical & electronics equipment/ appliances	Degree of protection against access to hazardous part indicated by the first characteristic numeral & Protection against solid foreign objects IP 3x	IEC 60529 (A1: 1999 + A2: 2013): 1989
29.	Electrical & electronics equipment/ appliances	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
30.	Electrical & electronics equipment/ appliances	Degree of protection against access to hazardous part indicated by the first characteristic numeral & Protection against solid foreign objects IP 4x	IEC 60529 (A1: 1999 + A2: 2013): 1989
31.	Electrical & electronics equipment/ appliances	Degree of protection against access to hazardous part indicated by the first characteristic numeral &	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		
		Protection against solid foreign objects IP 5x	
32.	Electrical & electronics equipment/ appliances	Degree of protection against access to hazardous part indicated by the first characteristic numeral & Protection against solid foreign objects IP 5x	IEC 60529 (A1: 1999 + A2: 2013): 1989
33.	Electrical & electronics equipment/ appliances	Degree of protection against access to hazardous part indicated by the first characteristic numeral & Protection against solid foreign objects IP 6x	IS/IEC 60529: 2001
34.	Electrical & electronics equipment/ appliances	Degree of protection against access to hazardous part indicated by the first characteristic numeral & Protection against solid foreign objects IP 6x	IEC 60529 (A1:1999 + A2: 2013): 1989
35.	Electrical & electronics equipment/ appliances	Degree of protection against access to hazardous part indicated by the first characteristic numeral & Protection against solid foreign objects IP 1X	IEC 60529 (A1:1999 + A2: 2013): : 1989
36.	Electrical & electronics equipment/ appliances	Degree of protection against access to hazardous part	IS/IEC 60529: 2001

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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	
37.	Electrical & electronics equipment/ appliances	Degree of protection against access to hazardous part indicated by the first characteristic numeral & Protection against solid foreign objects IP 2x	IEC 60529 (A1: 1999 + A2: 2013) : 1989
38.	Electrical & electronics equipment/ appliances	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
39.	Electrical & electronics equipment/ appliances	Protection against water IP X1	IS/IEC 60529: 2001
40.	Electrical & electronics equipment/ appliances	Protection against water IP X1	IEC 60529 (A1: 1999 + A2: 2013): 1989
41.	Electrical & electronics equipment/ appliances	Protection against water IP X2	IS/IEC 60529: 2001
42.	Electrical & electronics equipment/ appliances	Protection against water IP X2	IEC 60529 (A1: 1999 + A2: 2013): 1989
43.	Electrical & electronics equipment/ appliances	Protection against water IP X3	IS/IEC 60529: 2001
44.	Electrical & electronics equipment/ appliances	Protection against water IP X3	IEC 60529 (A1: 1999 + A2: 2013): 1989

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Environmental test facility		
45.	Electrical & electronics equipment/ appliances	Protection against water IP X4	IS/IEC 60529: 2001
46.	Electrical & electronics equipment/ appliances	Protection against water IP X4	IEC 60529 (A1: 1999 + A2: 2013): 1989
47.	Electrical & electronics equipment/ appliances	Protection against water IP X5	IEC 60529 (A1: 1999 + A2: 2013) : 1989
48.	Electrical & electronics equipment/ appliances	Protection against water IP X5	IS/IEC 60529: 2001
49.	Electrical & electronics equipment/ appliances	Protection against water IP X6	IEC 60529 (A1: 1999 + A2: 2013) : 1989
50.	Electrical & electronics equipment/ appliances	Protection against water IP X6	IS/IEC 60529: 2001
51.	Electrical & electronics equipment/ appliances	Protection against water IP X7	IS/IEC 60529: 2001
52.	Electrical & electronics equipment/ appliances	Protection against water IP X7	IEC 60529 (A1: 1999 + A2: 2013): 1989
53.	Electrical & electronics equipment/ appliances	Protection against water IP X8	IS/IEC 60529: 2001
54.	Electrical & electronics equipment/ appliances	Protection against water IP X8	IEC 60529 (A1: 1999 + A2: 2013): 1989
55.	Electronic/ electrical products/ telecommunication equipment and automotive and electromechanical products, assemblies And other components	Roadability	JSS 55555:2012 Test No. 29 Procedure B; Test No. 13 Procedure B of QM-333: 2010
56.	Electronic/ electrical products/ telecommunication equipment	Dry heat/ high temperature (dry heat cycle)	Test No.13, 22 of JSS 50101: 1996

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Environmental test facility		
	and automotive and electromechanical products, assemblies and other components		
57.	Electric vehicle conductive charging system	Clearances and creepage distances	Cl. 12.3 of EN IEC 61851-1: 2017
58.	Electric vehicle conductive charging system	Damp heat functional test	Cl. 12.9 of EN IEC 61851-1: 2017
59.	Electric vehicle conductive charging system	Dielectric withstand voltage	Cl. 12.7 of EN IEC 61851-1: 2017
60.	Electric vehicle conductive charging system	Durability test for marking	Cl. 16.5 of EN IEC 61851-1: 2017
61.	Electric vehicle conductive charging system	Insulation resistance	Cl. 12.5 of EN IEC 61851-1: 2017
62.	Electric vehicle conductive charging system	Mechanical strength	Cl. 12.11 of EN IEC 61851: 2017
63.	Electric vehicle conductive charging system	Minimum temperature functional test	Cl. 12.10. of EN IEC 61851: 2017
64.	Electric vehicle conductive charging system	Stored energy	Cl. 8.2 of EN IEC 61851-1: 2017
65.	Electric vehicle conductive charging system	Temperature rise	Cl. 12.8 of EN IEC 61851-1: 2017
66.	Electric vehicle conductive charging system	Touch current	Cl. 12.6 of EN IEC 61851-1: 2017
67.	Electronic/ electrical products/ telecommunication equipment and automotive and electromechanical products,	Ball pressure test (resistance to heat test)	IEC 60695-10-2: 2014

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Environmental test facility		
	assemblies and other components		
68.	Electronic/ electrical products/ telecommunication equipment and automotive and electromechanical Products, assemblies and other components	Change of temperature/ thermal shock/ rapid change of temperature	IS/IEC 60068: Part 2: Sec 14 : 2009
69.	Electronic/ electrical products/ telecommunication equipment and automotive and electromechanical products, assemblies and other components	Change of temperature/ thermal shock/ rapid change of temperature	IEC 60068-2-14: 2023
70.	Electronic/ electrical products/ telecommunication equipment and automotive and electromechanical Products, assemblies and other components	Change of temperature/ thermal shock/ rapid change of temperature	Test No. 4 of QM 333: 2010
71.	Electronic/ electrical products/ telecommunication equipment and automotive and electromechanical products, assemblies and other components	Change of temperature/ thermal shock/ rapid change of temperature	JSS 50101: 1996



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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Environmental test facility		
72.	Electronic/ electrical products/ telecommunication equipment and automotive and electromechanical products, assemblies and other components	Change of temperature/ thermal shock/ rapid change of temperature	JSS 55555: 2012
73.	Electronic/ electrical products/ telecommunication equipment and automotive and electromechanical products, assemblies and other components	Change of temperature/ Thermal Shock/ Rapid change of temperature	IS 9000 (Part 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 (20: 2019)
74.	Electronic/ electrical products/ telecommunication equipment and automotive and electromechanical products, assemblies and other components	Cold Test/ Low temperature (Cold Cycle)	Test Method 502.7 of MIL-STD-810H: 2019

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Environmental test facility		
75.	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
76.	Electronic/ electrical products/ telecommunication equipment and automotive and electromechanical products, assemblies and other components	Cold test/ low temperature (cold cycle)	ETSI EN 300 019-1-3 V2.4.1: 2014
77.	Electronic/ electrical products/ telecommunication equipment and automotive and electromechanical products, assemblies and other components	Cold test/ low temperature (cold cycle)	ETSI EN 300 019-2-3 V2.5.1: 2020
78.	Electronic/ electrical products/ telecommunication equipment and automotive and electromechanical products, assemblies and other components	Cold test/ low temperature (cold cycle)	ETSI EN 300 019-2-2 V2.4.1: 2017



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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Environmental test facility		
79.	Electronic/ electrical Products/ telecommunication equipment and Automotive and electromechanical products, assemblies and other components	Cold Test/ Low temperature (Cold Cycle)	ETSI EN 300 019-2-2 V2.4.1: 2017
80.	Electronic/ electrical products/ telecommunication equipment and automotive and electromechanical products, assemblies and other components	Cold test/ low temperature (cold cycle)	IEC 60068-2-1: 2007
81.	Electronic/ electrical products/ telecommunication equipment and automotive and electromechanical products, assemblies and other components	Cold test/ low temperature (cold cycle)	Test No. 1 of QM 333: 2010
82.	Electronic/ electrical products/ telecommunication equipment and automotive and electromechanical products, assemblies and other components	Cold test/ low temperature (cold cycle)	Test no. 21 of JSS 50101: 1996
83.	Electronic/ electrical products/ telecommunication equipment and automotive and electromechanical products,	Cold test/ low temperature (cold cycle)	ETSI EN 300 019-1-1 V2.2.1: 2014

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Environmental test facility		
	assemblies And other components		
84.	Electronic/ electrical products/ telecommunication equipment and automotive and electromechanical products, assemblies and other components	Cold test/ low temperature (cold cycle)	Jaso d 001: 1994
85.	Electronic/ electrical products/ telecommunication equipment and automotive and electromechanical products, assemblies and other components	Cold test/ low temperature (cold cycle)	ETSI EN 300 019-2-1 v2.3.1: 2017
86.	Electronic/ electrical products/ telecommunication equipment and automotive and electromechanical products, assemblies and other components	Cold test/ low temperature (cold cycle)	ETSI EN 300 019-1-4 v2.2.1: 2014
87.	Electronic/ electrical products/ telecommunication equipment and automotive and electromechanical products, assemblies and other components	Cold test/ low temperature (cold cycle)	ETSI EN 300 019-2-4 v2.5.1: 2018
88.	Electronic/ electrical products/ telecommunication equipment	Cold test/ low temperature (cold cycle)	ETSI EN 300 019-1-5 V2.1.4: 2003

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	Environmental test facility		
	and automotive and electromechanical products, assemblies and other components		
89.	Electronic/ electrical products/ telecommunication equipment and automotive and electromechanical products, assemblies and other components	Cold test/ low temperature (cold cycle)	ETSI EN 300 019-2-5 V3.1.1: 2021
90.	Electronic/ electrical products/ telecommunication equipment and automotive and electromechanical products, assemblies and other components	Cold test/ low temperature (cold cycle)	ETSI EN 300 019-1-6 V2.1.4: 2003
91.	Electronic/ electrical products/ telecommunication equipment and automotive and electromechanical products, assemblies	Cold test/ low temperature (cold cycle)	ETSI EN 300 019-2-6 V3.0.0: 2002
92.	Electronic/ electrical products/ telecommunication equipment and automotive and electromechanical products, assemblies and other components	Cold test/ low temperature (cold cycle)	ETSI EN 300 019-1-7 V2.1.4: 2003

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	Environmental test facility		
93.	Electronic/ electrical products/ telecommunication equipment and automotive and electromechanical products, assemblies And other components	Cold test/ low temperature (cold cycle)	ETSI EN 300 019-1-7 V2.1.4: 2003
94.	Electronic/ electrical products/ telecommunication equipment and automotive and electromechanical products, assemblies and other components	Cold Test/ low temperature (cold Cycle)	ETSI EN 300 019-2-7 V3.0.1: 2003
95.	Electronic/ electrical products/ telecommunication equipment and automotive and electromechanical products, assemblies And other components	Cold Test/ Low temperature (cold cycle)	ETSI EN 300 019-1-8 V2.1.4: 2003
96.	Electronic/ electrical products/ telecommunication equipment and automotive and electromechanical products, assemblies and other components	Cold test/ low temperature (cold cycle)	ETSI EN 300 019-2-8 V2.2.1: 2020
97.	Electronic/ electrical products/ telecommunication equipment and automotive and electromechanical products,	Composite temperature humidity cycle/ climatic sequence/ temperature cycling	IS/IEC 60068-2-38: 2021, IEC 60068-2-38:2021; IEC 60068-2-61:1991; IEC 61196-1-206:2017, JSS 50101:1996 (RA 2001) Test No.

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	Environmental test facility		
	assemblies and other components		6; JSS 55555:2012 Test No. 20; Test Method 507.6 of MIL-STD-810H: 2019
98.	Electronic/ electrical products/ telecommunication equipment and automotive and electromechanical products, assemblies and other components	Contamination	Test No. 6 of JSS 55555: 2012
99.	Electronic/ electrical products/ telecommunication equipment and automotive and electromechanical products, assemblies and other components	Corrosion /salt fog / salt fog	Test No. 9 of QM-333: 2010
100.	Electronic/ electrical products/ telecommunication equipment and automotive and electromechanical products, assemblies and other components	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); JSS 50101:1996 (RA 2001) Test No. 4; JSS 0256-01:1992 (Test No. 12); METHOD 509.7 of MIL-STD-810H: 2019
101.	Electronic/ electrical products/ telecommunication equipment and automotive and electromechanical products, assemblies and other components	Corrosion /salt fog / salt fog	IEC 60068-2-52: 2017
102.	Electronic/ electrical products/		

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	Environmental test facility		
	telecommunication equipment and automotive and electromechanical products, assemblies and other components	Corrosion /salt fog / salt fog	ASTM B 117:2019; ISO 9227: 2017
103.	Electronic/ electrical products/ telecommunication equipment and automotive and electromechanical products, assemblies and other components	Corrosion /salt fog / salt fog	Test No. 9 of JSS 55555: 2012
104.	Electronic/ electrical products/ telecommunication equipment and automotive and electromechanical products, assemblies and other components	Corrosion /salt fog / salt fog	IEC 60068-2-11: 2021
105.	Electronic/ electrical products/ telecommunication equipment and automotive and electromechanical products, assemblies and other components	Corrosion /salt fog / salt fog	IS 9000: Part 11: 1983
106.	Electronic/ electrical products/ telecommunication equipment and automotive and electromechanical products, assemblies and other	Damp heat (cyclic)/ tropical exposure	JASO D 001: 1994

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Environmental test facility components		
107.	Electronic/ electrical products/ telecommunication equipment and automotive and electromechanical products, assemblies and other components	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
108.	Electronic/ electrical products/ telecommunication equipment and automotive and electromechanical products, assemblies and other components	Damp heat (cyclic)/ tropical exposure	IEC 60068-2-30: 2005
109.	Electronic/ electrical products/ telecommunication equipment and automotive and electromechanical products, assemblies and other	Damp heat (cyclic)/ tropical exposure	JSS 50101: 1996



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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Environmental test facility		
	components		
110.	Electronic/ electrical products/ telecommunication equipment and automotive and electromechanical products, assemblies and other components	Damp heat (cyclic)/ tropical exposure	IS 9000 (Part 5/Sec 1 & 2): 1981
111.	Electronic/ electrical products/ telecommunication equipment and automotive and electromechanical products, assemblies and other components	Damp heat (cyclic)/ tropical exposure	IS 9000 (Part 5/Sec 1 & 2): 1981
112.	Electronic/ electrical products/ telecommunication equipment and automotive and electromechanical products, assemblies and other components	Damp heat (cyclic)/ tropical exposure	Test No. 10 of JSS 55555: 2012
113.	Electronic/ electrical products/ telecommunication equipment and automotive and electromechanical products, assemblies and other components	Damp heat (steady state)	Cl 6.8.2 of IEC 61010-1:2010+ AMD1:2016; Cl. 10.3 of IS 616: 2017 (RA: 2020); Cl. 10.3 of IEC 60065:2014; Cl. 5.4.8 of IEC 62368-1: 2023 & Cl. 5.4.8 of IS/IEC 62368-1:2018



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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Environmental test facility		
114.	Electronic/ electrical products/ telecommunication equipment and automotive and electromechanical products, assemblies and other components	Damp heat (steady state)	IEC 60068-2-78:2012, IS 9000 (Part 4):2020, (RA 2015) Cl.5.18 of JASO D001:1994; IEC 60068-2-67:1995+ A1:2019; IEC 60068-2-67:1995+A1:2019; QM-333, Issue: March 2010, Test No. 5; 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 30: 2014
115.	Electronic/ electrical products/ telecommunication equipment and automotive and electromechanical products, assemblies and other components	Drip proof/ water	JSS: 55555:2012 -Test Number 11/ IS 9000: Part 23: 1984 (RA: 2019); IEC 60068-2-18:2017: Cl.5.2, 5.3, 6.2.2, 6.3, 6.4, 7.2/ Procedure III/ Test Method 506.6 of MIL-STD-810H: 2019
116.	Electronic/ electrical products/ telecommunication equipment and automotive and electromechanical products, assemblies and other components	Drop test/ fall/ topple/ free fall	JSS 55555:2012 Test No. 13; IS 9000: Part 7: Sec.3: 2019 (RA: 2022) : Cl. 5.1, 5.2; IEC 60068-2-31:2008: Cl. 5.1, 5.2; QM-333, Issue: March 2010, Test No. 10, 11, 12; ETSI EN 300 019-1-2

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	Environmental test facility		
			V2.2.1(2014-04); ETSI EN 300 019-2-2 V2.4.1 (2017-11); IEC 60068-2-32:1975 Withdrawn; ETSI EN 300 019-1-7 V2.1.4 (2003-04); ETSI EN 300 019-2-7 V3.0.1 (2003-04); JSS 0256-01:1992 (Test No. 20, 22, 24, 25); METHOD 516.8 Procedure IV, VI of MIL-STD-810H: 2019
117.	Electronic/ electrical products/ telecommunication equipment and automotive and electromechanical products, assemblies and other components	Dry heat/ high temperature (dry heat cycle)	IS 9000 (Part 3/Sec 1 to 5):: 1977
118.	Electronic/ electrical products/ telecommunication equipment and automotive and electromechanical products, assemblies and other components	Dry heat/ high temperature (dry heat cycle)	IEC 60068-2-2: 2007
119.	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
120.	Electronic/ electrical products/ telecommunication equipment	Dry heat/ high temperature (dry heat cycle)	ETSI EN 300 019-2-7 V3.0.1: 2003

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Environmental test facility		
	and automotive and electromechanical products, assemblies and other components		
121.	Electronic/ electrical products/ telecommunication equipment and automotive and electromechanical products, assemblies and other components	Dry heat/ high temperature (dry heat cycle)	Test No. 17 of JSS 55555: 2012
122.	Electronic/ electrical products/ telecommunication equipment and automotive and electromechanical products, assemblies and other components	Dry heat/ high temperature (dry heat cycle)	JASO D 001: 1994
123.	Electronic/ electrical products/ telecommunication equipment and automotive and electromechanical products, assemblies and other components	Dry heat/ high temperature (dry heat cycle)	Test No. 2 of QM-333: 2010
124.	Electronic/ electrical products/ telecommunication equipment and automotive and electromechanical products, assemblies and other components	Dry heat/ high temperature (dry heat cycle)	ETSI EN 300 019-2-1 V2.3.1: 2017

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Environmental test facility		
125.	Electronic/ electrical products/ telecommunication equipment and automotive and electromechanical products, assemblies and other components	Dry heat/ high temperature (dry heat cycle)	ETSI EN 300 019-1-1 V2.2.1: 2014
126.	Electronic/ electrical products/ telecommunication equipment and automotive and electromechanical products, assemblies and other components	Dry heat/ high temperature (dry heat cycle)	ETSI EN 300 019-2-2 V2.4.1: 2017
127.	Electronic/ electrical products/ telecommunication equipment and automotive and electromechanical products, assemblies and other components	Dry heat/ high temperature (dry heat cycle)	ETSI EN 300 019-1-3 V2.4.1: 2014
128.	Electronic/ electrical products/ telecommunication equipment and automotive and electromechanical products, assemblies and other components	Dry heat/ high temperature (dry heat cycle)	ETSI EN 300 019-2-3 V2.5.1: 2020
129.	Electronic/ electrical products/ telecommunication equipment and automotive and electromechanical products,	Dry heat/ high temperature (dry heat cycle)	ETSI EN 300 019-1-4 V2.2.1: 2014

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Environmental test facility		
	assemblies and other components		
130.	Electronic/ electrical products/ telecommunication equipment and automotive and electromechanical products, assemblies and other components	Dry heat/ high temperature (dry heat cycle)	ETSI EN 300 019-2-4 V2.5.1: 2018
131.	Electronic/ electrical products/ telecommunication equipment and automotive and electromechanical products, assemblies and other components	Dry heat/ high temperature (dry heat cycle)	ETSI EN 300 019-1-5 V2.1.4: 2003
132.	Electronic/ electrical products/ telecommunication equipment and automotive and electromechanical products, assemblies and other components	Dry heat/ high temperature (dry heat cycle)	ETSI EN 300 019-2-5 V3.1.1: 2021
133.	Electronic/ electrical products/ telecommunication equipment and automotive and electromechanical products, assemblies and other components	Dry heat/ high temperature (dry heat cycle)	ETSI EN 300 019-2-5 V3.1.1: 2021
134.	Electronic/ electrical products/ telecommunication equipment	Dry heat/ high temperature (dry heat cycle)	ETSI EN 300 019-1-6 V2.1.4: 2003

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Environmental test facility		
	and automotive and electromechanical products, assemblies and other components		
135.	Electronic/ electrical products/ telecommunication equipment and automotive and electromechanical products, assemblies and other components	Dry heat/ high temperature (dry heat cycle)	ETSI EN 300 019-2-6 V3.0.0: 2003
136.	Electronic/ electrical products/ telecommunication equipment and automotive and electromechanical products, assemblies and other components	Dry heat/ high temperature (dry heat cycle)	ETSI EN 300 019-2-6 V3.0.0: 2002
137.	Electronic/ electrical products/ telecommunication equipment and automotive and electromechanical products, assemblies and other components	Dry heat/ high temperature (dry heat cycle)	ETSI EN 300 019-1-7 V2.1.4: 2003
138.	Electronic/ electrical products/ telecommunication equipment and automotive and electromechanical products, assemblies and other components	Dry heat/ high temperature (dry heat cycle)	ETSI EN 300 019-2-7 V3.0.1: 2003

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Environmental test facility		
139.	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
140.	Electronic/ electrical products/ telecommunication equipment and automotive and electromechanical products, assemblies and other components	Dry heat/ high temperature (dry heat cycle)	ETSI EN 300 019-1-8 V2.1.4: 2003
141.	Electronic/ electrical products/ telecommunication equipment and automotive and electromechanical products, assemblies and other components	Dry heat/ high temperature (dry heat cycle)	ETSI EN 300 019-2-8 V2.2.1: 2020
142.	Electronic/ electrical products/ telecommunication equipment and automotive and electromechanical products, assemblies and other components	Dry heat/ high temperature (dry heat cycle)	JSS 50101: 1996
143.	Electronic/ electrical products/ telecommunication equipment and automotive and electromechanical products,	Dry heat/ high temperature (dry heat cycle)	Test Method of 501.7 of MIL-STD-810H: 2019

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Environmental test facility		
	assemblies and other components		
144.	Electronic/ electrical products/ telecommunication equipment and automotive and electromechanical products, assemblies and other components	Dust test/ sand	JSS 55555:2012 Test No. 14; IS 9000: Part 12 :1981 (RA: 2019); IEC 60068-2-67:1995 +A1:2019; QM-333, Issue: March 2010, Test No. 15; IEC 60068-2-68:1994; JSS 50101:996 (RA 2001) Test No. 8; JSS 0256-01: (Test No. 9): 1992
145.	Electronic/ electrical products/ telecommunication equipment and automotive and electromechanical products, assemblies and other components	Fine mist	JSS 55555:2012 Test No. 16; IS 9000: Part 22 :1983
146.	Electronic/ electrical products/ telecommunication equipment and automotive and electromechanical products, assemblies and other components	Glow wire test	IS 11000-2-1:2008/ IEC 60695-2-10: 2021
147.	Electronic/ electrical products/ telecommunication equipment and automotive and electromechanical products, assemblies and other components	Needle flame test	IS/IEC 60695-11-5: 2016/ IEC 60695-11-5: 2016



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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Environmental test facility		
148.	Electronic/ electrical products/ telecommunication equipment and automotive and electromechanical products, assemblies and other components	Rapid temperature	Test No. 22 of JSS 55555: 2012
149.	Electronic/ electrical products/ telecommunication equipment and automotive and electromechanical products, assemblies and other components	Resistance to cleaning solvents and permanence of markings	IS 9000: Part 20: 1979
150.	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 (RA 2019); Test No. 17 of JSS 50101: 1996
151.	Electronic/ electrical products/ telecommunication equipment and automotive and electromechanical products, assemblies and other components	Temperature cycling	Cl.5.3.2 of ISO 16750-4: 2023
152.	Electronic/ electrical products/ telecommunication equipment and automotive and electromechanical products,	Temperature, humidity, Vibration/ combined climatic (temperature/humidity) and dynamic (vibration/shock) tests	JSS 55555:2012 Test No. 30; IEC 60068-2-53:2010; METHOD 514.8, METHOD 520.5 of MIL-STD-810H: 2019

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Environmental test facility		
	assemblies and other components		
153.	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	IEC-60068-2-14:2009; IS/IEC 60068(Part 2/ Sec 14):2009; SAE J1455:1994, Cl.5.17 of JASO D 001:1994, Cl.5.3.2 of ISO 16750-4:2023; Test No.4 of QM-333: 2010
154.	Electronic/ electrical products/ telecommunication equipment and automotive and electromechanical products, assemblies and other components	Thermal temperature cycling - change of temperature with specified rate of change of temperature	SAE J1455:1994, IEC-60068-2-14:2023, IS/IEC 60068(Part 2/ Sec 14):2009
155.	Electronic/ electrical products/ telecommunication equipment and automotive and electromechanical products, assemblies and other components	Toppling	Test No. 26 of JSS 55555: 2012
156.	Electronic/ electrical products/ telecommunication equipment and automotive and electromechanical products, assemblies and other components	Vibration - sine - random and - shock -bump	IS 9000 (Part VIII): 1981
157.	Electronic/ electrical products/ telecommunication equipment	Vibration - sine - random and - shock -bump	IEC 60068-2-6: 2007

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	Environmental test facility		
	and automotive and electromechanical products, assemblies and other components		
158.	Electronic/ electrical products/ telecommunication equipment and automotive and electromechanical products, assemblies and other components	Vibration - sine - random and - shock -bump	Cl. 7.6 of JIS D 5500: 1995
159.	Electronic/ electrical products/ telecommunication equipment and automotive and electromechanical products, assemblies and other components	Vibration - sine - random and - shock -bump	IS 9000: Part 7: Sec 1: 2018
160.	Electronic/ electrical products/ telecommunication equipment and automotive and electromechanical products, assemblies and other components	Vibration - sine - random and - shock -bump	IEC 60068-2-53: 2010
161.	Electronic/ electrical products/ telecommunication equipment and automotive and electromechanical products, assemblies and other components	Vibration - sine - random and - shock -bump	IEC 60068-2-64 (A1: 2019): 2008

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Environmental test facility		
162.	Electronic/ electrical products/ telecommunication equipment and automotive and electromechanical products, assemblies and other components	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
163.	Electronic/ electrical products/ telecommunication equipment and automotive and electromechanical products, assemblies and other components	Vibration - sine - random and - shock -bump	MIL-STD-810H, METHOD 514.8 Procedure I, METHOD 516.8 Procedure- I, II, III, V; JIS D 1601: 1995
164.	Electronic/ electrical products/ telecommunication equipment and automotive and electromechanical products, assemblies and other components	Vibration - sine - random and - shock -bump	JIS D 1601: 1995
165.	Electronic/ electrical products/	Vibration - sine - random and -	IEC-60068-2-64: 2008 +A1:2019



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	Environmental test facility		
	telecommunication equipment and automotive and electromechanical products, assemblies and other components	shock -bump	
166.	Electronic/ electrical products/ telecommunication equipment and automotive and electromechanical products, assemblies and other components	Vibration - sine - random and - shock -bump	SAE J1455: 1994
167.	Electronic/ electrical products/ telecommunication equipment and automotive and electromechanical products, assemblies and other components	Vibration - sine - random and - shock -bump	SAE J1211: 2009
168.	Electronic/ electrical products/ telecommunication equipment and automotive and electromechanical products, assemblies and other components	Vibration - sine - random and - shock -bump	IEC 60068-2-27: 2008
169.	Electronic/ electrical products/ telecommunication equipment and automotive and electromechanical products, assemblies and other	Vibration - sine - random and - shock -bump	IEC 60068-2-27: 2008

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Environmental test facility		
	components		
170.	Electronic/ electrical products/ telecommunication equipment and automotive and electromechanical products, assemblies and other components	Vibration - sine - random and - shock -bump	ISO 16750-3: 2023
171.	Electronic/ electrical products/ telecommunication equipment and automotive and electromechanical products, assemblies and other components	Vibration - sine - random and - shock -bump	JASO D001: 1994
172.	Electronic/ electrical products/ telecommunication equipment and automotive and electromechanical products, assemblies and other components	Vibration - sine - random and - shock -bump	IEC 61373: 2010
173.	Electronic/ electrical products/ telecommunication equipment and automotive and electromechanical products, assemblies and other components	Vibration - sine - random and - shock -bump	Test No. 6, 13 of QM 333: 2010
174.	Electronic/ electrical products/ telecommunication equipment and automotive and	Vibration - sine - random and - shock -bump	Test No. 5, 24 PROCEDURE 2, 28 of JSS 55555: 2012

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Environmental test facility		
	electromechanical products, assemblies and other components		
175.	Electronic/ electrical products/ telecommunication equipment and automotive and electromechanical products, assemblies and other components	Vibration - sine - random and - shock -bump	Test no. 11, 23 & 24 of JSS 50101: 1996
176.	Electronic/ electrical products/ telecommunication equipment and automotive and electromechanical products, assemblies and other components	Water immersion test	Test No. 8 of QM-333: 2010
177.	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
178.	Electrotechnical items (electronic/ electrical products/ telecommunication equipment and automotive 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(A1: 2021): 2002+A1:2021

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Environmental test facility		
179.	Road vehicles (electronic/ electrical products/ telecommunication equipment and automotive and electromechanical products, assemblies and other components)	Indentation protection (Ip 68)	ISO 20653: 2013

Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Lamps, luminaries & accessories		
1.	Emergency lighting	Changeover operation	Cl. 22 .17 of BS EN 60598-2-22:2022 / AS 60598-2-22: 2019
2.	Emergency lighting	Changeover operation	Cl.22. 18 of IEC 60598-2-22: 2021
3.	Emergency lighting	Changeover operation	Cl. 18 of IS 10322 (Part 5/Sec 8): 2013
4.	Emergency lighting	Construction	Cl. 7 of IS 10322 (Part 5/Sec 8): 2013
5.	Emergency lighting	Construction	Cl. 22.7 of BS EN 60598-2-22:2014+A1 :2020 / AS 60598-2-22: 2019
6.	Emergency lighting	Construction	Cl. 22.7 of IEC 60598-2-22: 2021
7.	Emergency lighting	Creepage distances & clearances	Cl. 22. 8 of IEC 60598-2-22: 2021
8.	Emergency lighting	Creepage distances & clearances	Cl. 22 .8 of BS EN 60598-2-22:2014+A1:2020 / AS 60598-2-22: 2019
9.	Emergency lighting	Creepage distances & clearances	Cl. 8 of IS 10322 (Part 5/Sec 8): 2013

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Lamps, luminaries & accessories		
10.	Emergency lighting	Endurance test and thermal test	Cl. 13 of IS 10322 (Part 5/Sec 8): 2013
11.	Emergency lighting	Endurance test and thermal test	Cl. 22. 13 of BS EN 60598-2-22:2014+A1 :2020 / AS 60598-2-22: 2019
12.	Emergency lighting	Endurance test and thermal test	Cl. 22.13 of IEC 60598-2-22: 2021
13.	Emergency lighting	External & internal wiring	Cl. 11 of IS 10322 (Part 5/Sec 8): 2013
14.	Emergency lighting	External & internal wiring	Cl. 22 .11 of IEC 60598-2-22: 2021
15.	Emergency lighting	External & internal wiring	Cl. 22 11 of BS EN 60598-2-22:2014 +A1:2020 / AS 60598-2-22: 2019
16.	Emergency lighting	High temperature operation	Cl. 22 .19 of BS EN 60598-2-22:2014 +A1:2020 / AS 60598-2-22: 2019
17.	Emergency lighting	High temperature operation	Cl. 22. 19 of IEC 60598-2-22: 2021
18.	Emergency lighting	High temperature operation	Cl. 19 of IS 10322 (Part 5/Sec 8): 2013
19.	Emergency lighting	Insulation resistance and electric strength	Cl. 22. 15 of IEC 60598-2-22: 2021
20.	Emergency lighting	Insulation resistance and electric strength	Cl. 15 of IS 10322 (Part 5/Sec 8): 2013
21.	Emergency lighting	Insulation resistance and electric strength	Cl. 22.15 of BS EN 60598-2-22:2014 +A1:2020 / AS 60598-2-22: 2019
22.	Emergency lighting	Marking	Cl. 22 .6 of BS EN 60598-2-22:2014+ A1:2020 / AS 60598-2-22: 2019
23.	Emergency lighting	Marking	Cl. 6 of IS 10322 (Part 5/Sec 8): 2013
24.	Emergency lighting	Marking	Cl. 22. 6 of IEC 60598-2-22: 2021
25.	Emergency lighting	Protection against electric shock	Cl. 22 .12 of BS EN 60598-2-22:2014 +A1:2020 / AS 60598-2-22: 2019

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Lamps, luminaries & accessories		
26.	Emergency lighting	Protection against electric shock	Cl. 12 of IS 10322 (Part 5/Sec 8): 2013
27.	Emergency lighting	Protection against electric shock	Cl. 22 .12 of IEC 60598-2-22: 2021
28.	Emergency lighting	Provision for earthing	Cl. 22 .9 of BS EN 60598-2-22:2014+A1:2020 / AS 60598-2-22: 2019
29.	Emergency lighting	Provision for earthing	Cl. 22.9 of IEC 60598-2-22: 2021
30.	Emergency lighting	Provision for earthing	Cl. 9 of IS 10322 (Part 5/Sec 8): 2013
31.	Emergency lighting	Resistance to dust, solid objects & moisture	Cl. 22. 14 of IEC 60598-2-22: 2021
32.	Emergency lighting	Resistance to dust, solid objects & moisture	Cl. 14 of IS 10322 (Part 5/Sec 8): 2013
33.	Emergency lighting	Resistance to dust, solid objects & moisture	Cl. 22 .14 of BS EN 60598-2-22:2014+A1:2020 / AS 60598-2-22: 2019
34.	Emergency lighting	Resistance to heat, fire and tracking	Cl. 22 .16 of IEC 60598-2-2: 2021
35.	Emergency lighting	Resistance to heat, fire and tracking	Cl. 16 of IS 10322 (Part 5/Sec 8): 2013
36.	Emergency lighting	Resistance to heat, fire and tracking	Cl. 22. 16 of BS EN 60598-2-22:2014+A1:2020 / AS 60598-2-22: 2019
37.	Emergency lighting	Rest mode & inhibition mode facility	Annex D of IEC 60598-2-22: 2021
38.	Emergency lighting	Rest mode & inhibition mode facility	Cl. 22 of IS 10322 (Part 5/Sec 8): 2013
39.	Emergency lighting	Rest mode & inhibition mode facility	Annex D of BS EN 60598-2-22:2014+ A1:2020 / AS 60598-2-22: 2019

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Lamps, luminaries & accessories		
40.	Emergency lighting	Terminals	Cl. 10 of IS 10322 (Part 5/Sec 8): 2013
41.	Emergency lighting	Terminals	Cl. 22.10 of BS EN 60598-2-22:2014+ A1:2020 / AS 60598-2-22: 2019
42.	Emergency lighting	Terminals	Cl. 22. 10 of IEC 60598-2-22: 2021
43.	Emergency lighting	Test device for emergency operation	Cl. 22. 21 of IEC 60598-2-22: 2021
44.	Emergency lighting	Test device for emergency operation	Cl. 21 of IS 10322 (Part 5/Sec 8): 2013
45.	Emergency lighting	Test device for emergency operation	Cl. 22. 21 of BS EN 60598-2-22:2014+ A1:2020 / AS 60598-2-22: 2019
46.	Floodlights	Construction	Cl. 7 of IS 10322(Part 5/Sec 5) :2013 +A1: 2018
47.	Floodlights	Construction	Cl. 5. 6 of IEC 60598-2-5: 2015
48.	Floodlights	Construction	Cl. 5. 6 of BS EN 60598-2-5: 2015/ AS/NZS 60598-2-5: 2018
49.	Floodlights	Creepage distances & clearances	Cl. 8 of IS 10322(Part 5/Sec 5):2013 +A1: 2018
50.	Floodlights	Creepage distances & clearances	Cl. 5.7 of BS EN 60598-2-5: 2015/ AS / NZS 60598-2-5: 2018
51.	Floodlights	Creepage distances & clearances	Cl. 5.7 of IEC 60598-2-5: 2015
52.	Floodlights	Endurance test and thermal test	Cl. 13 of IS 10322(Part 5/Sec 5):2013+A1: 2018
53.	Floodlights	Endurance test and thermal test	Cl. 5. 12 of BS EN 60598-2-5: 2015/ AS/NZS 60598-2-5: 2018
54.	Floodlights	Endurance test and thermal test	Cl. 5. 12 of IEC 60598-2-5: 2015



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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Lamps, luminaries & accessories		
55.	Floodlights	External & internal wiring	Cl. 11 of IS 10322(Part 5/Sec 5) :2013+A1: 2018
56.	Floodlights	External & internal wiring	Cl. 5. 10 of BS EN 60598-2-5: 2015/ AS/NZS 60598-2-5: 2018
57.	Floodlights	External & internal wiring	Cl. 5. 10 of IEC 60598-2-5: 2015
58.	Floodlights	Insulation resistance and electric strength	Cl. 15 of IS 10322(Part 5/Sec 5):2013 +A1: 2018
59.	Floodlights	Insulation resistance and electric strength	Cl. 5. 14 of BS EN 60598-2-5: 2015/ AS/NZS 60598-2-5: 2018
60.	Floodlights	Insulation resistance and electric strength	Cl. 5.14 of IEC 60598-2-5: 2015
61.	Floodlights	Marking	Cl. 6 of IS 10322(Part 5/Sec 5) :2013 +A1: 2018
62.	Floodlights	Marking	Cl. 5.5 of BS EN 60598-2-5: 2015/ AS/NZS 60598-2-5: 2018
63.	Floodlights	Marking	Cl. 5.5 of IEC 60598-2-5: 2015
64.	Floodlights	Protection against electric shock	Cl. 5.11 of IEC 60598-2-5: 2015
65.	Floodlights	Protection against electric shock	Cl. 12 of IS 10322(Part 5/Sec 5):2013 +A1: 2018
66.	Floodlights	Protection against electric shock	Cl. 5.11 of BS EN 60598-2-5: 2015/ AS/NZS 60598-2-5: 2018
67.	Floodlights	Provision for earthing	Cl. 9 of IS 10322(Part 5/Sec 5) :2013+A1: 2018
68.	Floodlights	Provision for earthing	Cl. 5.8 of BS EN 60598-2-5: 2015/ AS/NZS 60598-2-5: 2018
69.	Floodlights	Provision for earthing	Cl. 5. 8 of IEC 60598-2-5: 2015
70.	Floodlights	Resistance to dust, solid objects & moisture	Cl. 14 of IS 10322(Part 5/Sec 5) :2013+A1: 2018

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Lamps, luminaries & accessories		
71.	Floodlights	Resistance to dust, solid objects & moisture	Cl. 5.13 of BS EN 60598-2-5: 2015/ AS/NZS 60598-2-5: 2018
72.	Floodlights	Resistance to dust, solid objects & moisture	Cl. 5. 13 of IEC 60598-2-5: 2015
73.	Floodlights	Resistance to heat, fire and tracking	Cl. 16 of IS 10322(Part 5/Sec 5) :2013+A1: 2018
74.	Floodlights	Resistance to heat, fire and tracking	Cl. 5. 15 of BS EN 60598-2-5: 2015/ AS/NZS 60598-2-5: 2018
75.	Floodlights	Resistance to heat, fire and tracking	Cl. 5. 15 of IEC 60598-2-5: 2015
76.	Floodlights	Terminals	Cl. 5. 9 of IEC 60598-2-5: 2015
77.	Floodlights	Terminals	Cl. 10 of IS 10322(Part 5/Sec 5) :2013+A1: 2018
78.	Floodlights	Terminals	Cl. 5.9 of BS EN 60598-2-5: 2015/ AS/NZS 60598-2-5: 2018
79.	Fixed general-purpose luminaries	Creepage distances & clearances	Cl. 8 of IS 10322-5-1: 2012
80.	Fixed general-purpose luminaries	Marking	Cl. 6 of IS 10322-5-1: 2012
81.	Fixed general-purpose luminaire	Marking	Cl. 1.6 of IEC 60598-2-1: 2020
82.	Fixed general-purpose luminaire	Construction	Cl. 1.7 of EN IEC 60598-2-1:2021 / BS EN IEC 60598-2-1:2021/ AS / NZS 60598.2.1 (A1: 2016 + A2: 2019): 2014
83.	Fixed general-purpose luminaire	Creepage distances & clearances	Cl. 1.8 of EN IEC 60598-2-1:2021 / BS EN IEC 60598-2-1:2021/ AS / NZS



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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Lamps, luminaires & accessories		
			60598.2.1 (A1: 2016 + A2: 2019: 2014
84.	Fixed general-purpose luminaire	Creepage distances & clearances	Cl. 1.8 of IEC 60598-2-1 (Edition 2): 2020
85.	Fixed general-purpose luminaire	Endurance test and thermal	Cl. 13 of IS 10322(Part 5/Sec 1): 2012
86.	Fixed general-purpose luminaire	Endurance test and thermal test	Cl. 1.13 of EN IEC 60598-2-1:2021 / BS EN IEC 60598-2-1:2021/ AS / NZS 60598.2.1 (A1: 2016 + A2: 2019): 2014
87.	Fixed general-purpose luminaire	Endurance test and thermal test	Cl. 1.13 of IEC 60598-2-1: 2020
88.	Fixed general-purpose luminaire	External & internal wiring	Cl. 1.11 of EN IEC 60598-2-1:2021 / BS EN IEC 60598-2-1:2021/ AS / NZS 60598.2.1 (A1: 2016 + A2: 2019): 2014
89.	Fixed general-purpose luminaire	External & internal wiring	Cl. 1.11 of IEC 60598-2-1: 2020
90.	Fixed general-purpose luminaire	External & internal wiring	Cl. 11 of IS 10322(Part 5/Sec 1): 2012
91.	Fixed general-purpose luminaire	Insulation resistance and electric strength	Cl. 1.15 of IEC 60598-2-1: 2020
92.	Fixed general-purpose luminaire	Insulation resistance and electric strength	Cl. 1.15 of EN IEC 60598-2-1:2021 / BS EN IEC 60598-2-1:2021/ AS / NZS 60598.2.1 (A1: 2016 + A2: 2019): 2014
93.	Fixed general-purpose luminaire	Insulation resistance and electric strength	Cl. 15 of IS 10322(Part 5/Sec 1): 2012

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Lamps, luminaires & accessories		
94.	Fixed general-purpose luminaire	Marking	Cl. 1.6 of EN IEC 60598-2-1:2021 / BS EN IEC 60598-2-1:2021/ AS / NZS 60598.2.1 (A1: 2016 + A2: 2019): 2014
95.	Fixed general-purpose luminaire	Protection against electric shock	Cl. 1.12 of IEC 60598-2-1 (Ed.2): 2020
96.	Fixed general-purpose luminaire	Protection against electric shock	Cl. 12 of IS 10322(Part 5/Sec 1): 2012
97.	Fixed general-purpose luminaire	Protection against electric shock	Cl. 1.12 of EN IEC 60598-2-1:2021 / BS EN IEC 60598-2-1:2021/ AS / NZS 60598.2.1 (A1: 2016 + A2: 2019): 2014
98.	Fixed general-purpose luminaire	Provision for earthing	Cl. 1.9 of EN IEC 60598-2-1:2021 / BS EN IEC 60598-2-1:2021/ AS / NZS 60598.2.1 (A1: 2016 + A2: 2019): 2014
99.	Fixed general-purpose luminaire	Provision for earthing	Cl. 1.9 of IEC/ 60598-2-1 (Edition 2): 2020
100.	Fixed general-purpose luminaire	Provision for earthing	Cl. 9 of IS 10322(Part 5/Sec 1): 2012
101.	Fixed general-purpose luminaire	Resistance to dust, solid objects & moisture	Cl.1.14 of EN IEC 60598-2-1:2021 / BS EN IEC 60598-2-1:2021/ AS / NZS 60598.2.1 (A1: 2016 + A2: 2019): 2014
102.	Fixed general-purpose luminaire	Resistance to dust, solid objects & moisture	Cl.1.14 of IEC 60598-2-1 (Edition 2): 2020
103.	Fixed general-purpose luminaire	Resistance to dust, solid objects & moisture	Cl. 14 of IS 10322(Part 5/Sec 1): 2012

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	Lamps, luminaires & accessories		
104.	Fixed general-purpose luminaire	Resistance to heat, fire and tracking	Cl. 16 of IS 10322(Part 5/Sec 1): 2012
105.	Fixed general-purpose luminaire	Resistance to heat, fire and tracking	Cl. 1.16 of EN IEC 60598-2-1:2021 / BS EN IEC 60598-2-1:2021/ AS / NZS 60598.2.1 (A1: 2016 + A2: 2019): 2014
106.	Fixed general-purpose luminaire	Resistance to heat, fire and tracking	Cl. 1.16 of IEC 60598-2-1 (Edition 2): 2020
107.	Fixed general-purpose luminaire	Terminals	Cl. 1.10 of IEC 60598-2-1 (Edition 2: 2020
108.	Fixed general-purpose luminaire	Terminals	Cl. 10 of IS 10322(Part 5/Sec 1): 2012
109.	Fixed general-purpose luminaire	Terminals	Cl. 1.10 of EN IEC 60598-2-1:2021 / BS EN IEC 60598-2-1:2021/ AS / NZS 60598.2.1 (A1: 2016 + A2: 2019): 2014
110.	Fixed general-purpose luminaires	Construction	Cl. 7 of IS 10322 (Part 5/Sec 1): 2012
111.	Fixed general-purpose luminaires	Construction	Cl. 1.7 of IEC 60598-2-1: 2020
112.	Handlamps	Construction	Cl. 7 of IS 10322(Part 5/Sec 6): 2013+A1: 2022
113.	Handlamps	Construction	Cl. 8.7 of IEC 60598-2-8: 2013
114.	Handlamps	Construction	Cl. 8.7 of BS EN 60598-2-8: 2013 / AS/NZS 60598-2-8: 2015
115.	Handlamps	Creepage distances & clearances	Cl. 8 of IS 10322(Part 5/Sec 6): 2013
116.	Handlamps	Creepage distances & clearances	Cl. 8.8 of BS EN 60598-2-8: 2013 / AS/NZS 60598-2-8: 2015

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Lamps, luminaries & accessories		
117.	Handlamps	Creepage distances & clearances	Cl. 8.8 of IEC 60598-2-8: 2013
118.	Handlamps	Endurance test and thermal test	Cl. 8.13 of IEC 60598-2-8: 2013
119.	Handlamps	Endurance test and thermal test	Cl. 13 of IS 10322(Part 5/Sec 6): 2013
120.	Handlamps	Endurance test and thermal test	Cl. 8.13 of BS EN 60598-2-8: 2013 / AS/NZS 60598-2-8: 2015
121.	Handlamps	External & internal wiring	Cl. 8.11 of IEC 60598-2-8: 2013
122.	Handlamps	External & internal wiring	Cl.11 of IS 10322(Part 5/Sec 6): 2013
123.	Handlamps	External & internal wiring	Cl. 8.11 of BS EN 60598-2-8: 2013 / AS/NZS 60598-2-8: 2015
124.	Handlamps	Insulation resistance and electric strength	Cl. 15 of IS 10322(Part 5/Sec 6): 2013
125.	Handlamps	Insulation resistance and electric strength	Cl. 8.15 of BS EN 60598-2-8: 2013 / AS/NZS 60598-2-8: 2015
126.	Handlamps	Insulation resistance and electric strength	Cl. 8.15 of BS EN 60598-2-8: 2013 / AS/NZS 60598-2-8: 2015
127.	Handlamps	Marking	Cl. 8.6 of BS EN 60598-2-8: 2013 / AS/NZS 60598-2-8: 2015
128.	Handlamps	Marking	Cl. 8.6 of IEC 60598-2-8: 2013
129.	Handlamps	Marking	Cl. 6 of IS 10322(Part 5/Sec 6): 2013 +A1: 2022
130.	Handlamps	Protection against electric shock	Cl. 12 of IS 10322(Part 5/Sec 6): 2013
131.	Handlamps	Protection against electric shock	Cl. 8.12 of BS EN 60598-2-8: 2013 / AS/NZS 60598-2-8: 2015
132.	Handlamps	Protection against electric shock	Cl. 8.12 of IEC 60598-2-8: 2013
133.	Handlamps	Provision for earthing	Cl. 9 of IS 10322(Part 5/Sec 6): 2013
134.	Handlamps	Provision for earthing	Cl. 8.9 of BS EN 60598-2-8: 2013 / AS/NZS 60598-2-8: 2015
135.	Handlamps	Provision for earthing	Cl. 8.9 of IEC 60598-2-8: 2013

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Lamps, luminaries & accessories		
136.	Handlamps	Resistance to dust, solid objects & moisture	Cl. 14 of IS 10322(Part 5/Sec 6): 2013+A1: 2022
137.	Handlamps	Resistance to dust, solid objects & moisture	Cl. 8.14 of BS EN 60598-2-8: 2013 / AS/NZS 60598-2-8: 2015
138.	Handlamps	Resistance to dust, solid objects & moisture	Cl. 8.14 of IEC 60598-2-8: 2013
139.	Handlamps	Resistance to heat, fire and tracking	Cl. 16 of IS 10322(Part 5/Sec 6): 2013 +A1: 2022
140.	Handlamps	Resistance to heat, fire and tracking	Cl. 8. 16 of BS EN 60598-2-8: 2013 / AS/NZS 60598-2-8: 2015
141.	Handlamps	Resistance to heat, fire and tracking	Cl. 8. 16 of IEC 60598-2-8: 2013
142.	Handlamps	Terminals	Cl. 10 of IS 10322(Part 5/Sec 6): 2013
143.	Handlamps	Terminals	Cl. 8. 10 of BS EN 60598-2-8: 2013 / AS/NZS 60598-2-8: 2015
144.	Handlamps	Terminals	Cl. 8. 10 of IEC 60598-2-8: 2013
145.	Handlamps	Touch current	Cl. 15 of IS 10322(Part 5/Sec 6): 2013
146.	Handlamps	Touch current	Cl. 8. 15 of BS EN 60598-2-8: 2013 / AS/NZS 60598-2-8: 2015
147.	Handlamps	Touch current	Cl. 8. 15 of IEC 60598-2-8: 2013
148.	LED modules for general lighting	Construction	Cl. 15 of IS 16103 (P-1):2012 +A1:2014 / IEC 62031:2018 / BS EN IEC 62031: 2020
149.	LED modules for general lighting	Creepage distances & clearances	Cl. 16 of S 16103 (Part 1): 2012 + A1: 2014/ IEC 62031: 2018/ BS EN IEC



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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Lamps, luminaries & accessories		
			62031:2020/ Section 11 of IS 10322 (Part 1): 2014+A1: 2018
150.	LED modules for general lighting	Electric strength	Cl. 12 of IS 16103(P-1):2012 +A1:2014/ IEC 62031:2018 / BS EN IEC 62031:2020 /Cl. 12 of IS 15885 (P-1):2011+A1: 2015
151.	LED modules for general lighting	Fault conditions	Cl. 13 of IS 16103(P-1):2012 +A1:2014/ IEC 62031:2018 / BS EN IEC 62031:2020/Cl. 14 of IS 15885 (P-1):2011+A1: 2015
152.	LED modules for general lighting	Heat management	Cl. 21 of IS 16103 (P-1):2012 +A1:2014 / IEC 62031:2018 / BS EN IEC 62031: 2020
153.	LED modules for general lighting	Marking	Cl. 7 of IS 16103 (P-1):2012 +A1:2014 / IEC 62031:2018 / BS EN IEC 62031: 2020
154.	LED modules for general lighting	Moisture resistance and insulation	Cl. 11 of IS 16103(P-1):2012 +A1:2014/ IEC 62031:2018 / BS EN IEC 62031:2020 /Cl. 11 of IS 15885 (P-1):2011+A1: 2015
155.	LED modules for general lighting	Protection against accidental contact with live parts	Cl. 10 of IS 16103(P-1):2012 +A1:2014/ IEC 62031:2018 / BS EN IEC 62031:2020 /Cl. 10 of IS 15885 (P-1):2011+A1: 2015
156.	LED modules for general lighting	Provisions for protective earthing	Cl. 9 of IS 16103(P-1):2012 +A1:2014/ IEC 62031:2018 / BS EN IEC 62031:2020/Cl.9 of IS 15885 (P-1):2011+A1: 2015

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Lamps, luminaries & accessories		
157.	LED modules for general lighting	Resistance to corrosion	Cl. 19 of IS 16103(P-1):2012 +A1:2014/ IEC 62031:2018 / BS EN IEC 62031:2020 /Cl. 19 of IS 15885 (P-1):2011+A1: 2015
158.	LED modules for general lighting	Resistance to heat, fire and tracking	Cl. 18 of IS 16103(P-1):2012 +A1:2014/ IEC 62031:2018/ BS EN IEC 62031:2020 /Cl. 18 of IS 15885 (P-1):2011+A1: 2015
159.	LED modules for general lighting	Screws, current-carrying parts and connections	Cl. 17 of IS 16103(P-1):2012 +A1:2014/ IEC 62031:2018/ BS EN IEC 62031:2020 /Cl. 17 of IS 15885 (P-1):2011+A1: 2015
160.	LED modules for general lighting	Terminals	Cl. 8 of IS 16103 (Part 1): 2012 + A1: 2014/ IEC 62031: 2018/ BS EN IEC 62031:2020/Section 14 & Section 15 of IS 10322 (Part 1): : 2014+A1: 2018
161.	Lighting chains	Provision for earthing	Cl. 20.9 of BS EN 60598-2-20:2015 / AS/NZS 60598-2-20: 2018
162.	Lighting chains	Construction	Cl. 20.7 of IS 10322(Part 5/Sec 7): 2017
163.	Lighting chains	Construction	Cl. 20.7 of IEC 60598 -2- 20: 2022
164.	Lighting chains	Construction	Cl. 20.7 of BS EN 60598-2-20:2015 / AS/NZS 60598-2-20: 2018
165.	Lighting chains	Creepage distances & clearances	Cl. 20.8 of BS EN 60598-2-20:2015 / AS/NZS 60598-2-20: 2018
166.	Lighting chains	Creepage distances & clearances	Cl. 20.8 of IS 10322(Part 5/Sec 7): 2017
167.	Lighting chains	Creepage distances & clearances	Cl. 20.8 of IEC 60598-2-20: 2022

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Lamps, luminaries & accessories		
168.	Lighting chains	Endurance test and thermal test	Cl. 20.13 of BS EN 60598-2-20:2015 / AS/NZS 60598-2-20: 2018
169.	Lighting chains	Endurance test and thermal test	Cl. 20.13 of IS 10322(Part 5/Sec 7): 2017
170.	Lighting chains	Endurance test and thermal test	Cl. 20.13 of IEC60598-2-20: 2022
171.	Lighting chains	External & internal wiring	Cl. 20.11 of BS EN 60598-2-20:2015 / AS/NZS 60598-2-20: 2018
172.	Lighting chains	External & internal wiring	Cl. 20.11 of IEC60598-2-20: 2022
173.	Lighting chains	External & internal wiring	Cl. 20.11 of IS 10322(Part 5/Sec 7): 2017
174.	Lighting chains	Insulation resistance and electric strength	Cl. 20.15 of BS EN 60598-2-20:2015 / AS/NZS 60598-2-20: 2018
175.	Lighting chains	Insulation resistance and electric strength	Cl. 20. 15 of IEC 60598-2-20: 2022
176.	Lighting chains	Insulation resistance and electric strength	Cl. 20. 15 of IS 10322(Part 5/Sec 7): 2017
177.	Lighting chains	Marking	Cl. 20. 6 of BS EN 60598-2-20:2015 / AS/NZS 60598-2-20: 2018
178.	Lighting chains	Marking	Cl. 20. 6 of IEC 60598-2-20: 2022
179.	Lighting chains	Marking	Cl. 20.6 of IS 10322(Part 5/Sec 7): 2017
180.	Lighting chains	Protection against electric shock	Cl. 20. 12 of IEC 60598-2-20: 2022
181.	Lighting chains	Protection against electric shock	Cl. 20. 12 of BS EN 60598-2-20:2015 / AS/NZS 60598-2-20: 2018
182.	Lighting chains	Protection against electric shock	Cl. 20. 12 of IS 10322(Part 5/Sec 7): 2017
183.	Lighting chains	Provision for earthing	Cl. 20. 9 of IEC 60598-2-20 2022



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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Lamps, luminaries & accessories		
184.	Lighting chains	Provision for earthing	Cl. 20. 9 of IS 10322(Part 5/Sec 7): 2017
185.	Lighting chains	Resistance to dust, solid objects & moisture	Cl. 20. 14 of BS EN 60598-2-20:2015 / AS/NZS 60598-2-20: 2018
186.	Lighting chains	Resistance to dust, solid objects & moisture	Cl. 20. 14 of IEC 60598-2-20: 2022
187.	Lighting chains	Resistance to dust, solid objects & moisture	Cl. 20. 14 of IS 10322(Part 5/Sec 7): 2017
188.	Lighting chains	Resistance to heat, fire and tracking	Cl. 20. 16 of IEC 60598-2-20: 2022
189.	Lighting chains	Resistance to heat, fire and tracking	Cl. 20. 16 of BS EN 60598-2-20:2015 / AS/NZS 60598-2-20: 2018
190.	Lighting chains	Resistance to heat, fire and tracking	Cl. 20. 16 of IS 10322(Part 5/Sec 7): 2017
191.	Lighting chains	Terminals	Cl. 20. 10 of BS EN 60598-2-20:2015 / AS/NZS 60598-2-20: 2018
192.	Lighting chains	Terminals	Cl. 20.10 of IS 10322(Part 5/Sec 7): 2017
193.	Lighting chains	Terminals	Cl. 20.10 of IEC60598-2-20: 2022
194.	Luminaire for road and street lighting	Construction	Cl. 7 of IS 10322(Part 5/Sec 3) :2012+A1: 2015
195.	Luminaire for road and street lighting	Construction	Cl. .3 6 of IEC 60598-2-3:2002+A1: 2011
196.	Luminaire for road and street lighting	Construction	Cl. .3 6 of BS EN 60598-2-3:2003+A1: 2011/ AS/NZS 60598-2-3 : 2015
197.	Luminaire for road and street lighting	Creepage distances & clearances	Cl. 8 of IS 10322(Part 5/Sec 3) :2012 +A1: 2015

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Lamps, luminaries & accessories		
198.	Luminaire for road and street lighting	Creepage distances & clearances	Cl. 3. 7 of BS EN 60598-2-3:2003+A1: 2011/ AS/NZS 60598-2-3: 2015
199.	Luminaire for road and street lighting	Creepage distances & clearances	Cl. 3.7 of IEC 60598-2-3:2002+A1: 2011
200.	Luminaire for road and street lighting	Endurance test and thermal test	Cl. 13 of IS 10322(Part 5/Sec 3) :2012+A1: 2015
201.	Luminaire for road and street lighting	Endurance test and thermal test	Cl. 3.12 of BS EN 60598-2-3:2003+A1: 2011/ AS/NZS 60598-2-30: 2015
202.	Luminaire for road and street lighting	Endurance test and thermal test	Cl. 3.12 of IEC 60598-2-3:2002+A1: 2011
203.	Luminaire for road and street lighting	External & internal wiring	Cl. 3. 10 of BS EN 60598-2-3:2003+A1: 2011/ AS/NZS 60598-2-3: 2015
204.	Luminaire for road and street lighting	External & internal wiring	Cl. 3. 10 of IEC 60598-2-3:2002+A1: 2011
205.	Luminaire for road and street lighting	External & internal wiring	Cl.11 of IS 10322(Part 5/Sec 3) :2013+A1: 2015
206.	Luminaire for road and street lighting	Insulation resistance and electric strength	Cl. 15 of IS 10322(Part 5/Sec 3) :2012+A1: 2015
207.	Luminaire for road and street lighting	Insulation resistance and electric strength	Cl. 3. 14 of BS EN 60598-2-3:2003+A1: 2011/ AS/NZS 60598-2-3: 2015
208.	Luminaire for road and street lighting	Insulation resistance and electric strength	Cl. 3. 14 of IEC 60598-2-3:2002+A1: 2011
209.	Luminaire for road and street lighting	Leakage current	Cl. 15 of IS 10322(Part 5/Sec 3) :2012+A1: 2015
210.	Luminaire for road and street lighting	Marking	Cl. 6 of IS 10322(Part-5/Sec-3) :2012+A1: 2015

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Lamps, luminaries & accessories		
211.	Luminaire for road and street lighting	Marking	Cl. 3. 5 of BS EN 60598-2-3:2003+A1: 2011/ AS/NZS 60598-2-3: 2015
212.	Luminaire for road and street lighting	Marking	Cl. 3. 5 of IEC 60598-2-3:2002+A1: 2011
213.	Luminaire for road and street lighting	Protection against electric shock	Cl. 12 of IS 10322(Part 5/Sec 3) :2012+A1: 2015
214.	Luminaire for road and street lighting	Protection against electric shock	Cl. 3. 11 of BS EN 60598-2-3:2003+A1: 2011/ AS/NZS 60598-2-3: 2015
215.	Luminaire for road and street lighting	Protection against electric shock	Cl. 3. 11 of IEC 60598-2-3:2002+A1: 2011
216.	Luminaire for road and street lighting	Provision for earthing	Cl. 9 of IS 10322(Part 5/Sec 3) :2012+A1: 2015
217.	Luminaire for road and street lighting	Provision for earthing	Cl. 3. 8 of BS EN 60598-2-3:2003+A1: 2011/ AS/NZS 60598-2-3: 2015
218.	Luminaire for road and street lighting	Provision for earthing	Cl. 3. 8 of IEC 60598-2-3:2002+A1: 2011
219.	Luminaire for road and street lighting	Resistance to dust, solid objects & moisture	Cl. 14 of IS 10322(Part 5/Sec 3) :2012+A1: 2015
220.	Luminaire for road and street lighting	Resistance to dust, solid objects & moisture	Cl. 3. 13 of BS EN 60598-2-3:2003+A1: 2011/ AS/NZS 60598-2-3: 2015
221.	Luminaire for road and street lighting	Resistance to dust, solid objects & moisture	Cl. 3. 13 of IEC 60598-2-3:2002+A1: 2015
222.	Luminaire for road and street lighting	Resistance to heat, fire and tracking	Cl. 3. 15 of BS EN 60598-2-3:2003+A1: 2011/ AS/NZS 60598-2-3: 2015



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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Lamps, luminaries & accessories		
223.	Luminaire for road and street lighting	Resistance to heat, fire and tracking	Cl. 3. 15 of IEC 60598-2-3:2002+A1: 2011
224.	Luminaire for road and street lighting	Resistance to heat, fire and tracking	Cl. 16 of IS 10322(Part 5/Sec 3):2012 +A1: 2015
225.	Luminaire for road and street lighting	Terminals	Cl. 10 of IS 10322(Part 5/Sec 3): 2012 +A1: 2015
226.	Luminaire for road and street lighting	Terminals	Cl. 3. 9 of BS EN 60598-2-3:2003+A1: 2011/ AS/NZS 60598-2-3: 2015
227.	Luminaire for road and street lighting	Terminals	Cl. 3. 9 of IEC 60598-2-3:2002 +A1: 2011
228.	Luminaire for road and street lighting	Touch current	Cl. 3. 14 of IEC 60598-2-3:2002+A1: 2011
229.	Luminaire for road and street Lighting	Touch Current	Cl. 3. 14 of BS EN 60598-2-3:2003+A1: 2011/ AS/NZS 60598-2-3: 2015
230.	Luminaries	Construction	Cl. 4 of EN IEC 60598-1:2021/ BS EN IEC 60598-1:2021/ AS/NZS 60598-1 (A1:2017+A2: 2020): 2017
231.	Luminaries	Creepage distances & clearances	Cl. 11 of IEC 60598-1: 2020
232.	Luminaries	Endurance test and thermal test	Cl. 12 of EN IEC 60598-1:2021/ BS EN IEC 60598-1:2021/ AS/NZS 60598-1 (A1:2017+A2: 2020): 2017
233.	Luminaries	External & internal wiring	Cl. 5 of IEC 60598-1: 2020
234.	Luminaries	Insulation resistance and electric strength	Section 10 of IS 10322 (Part 1):2014+A1: 2018
235.	Luminaries	Marking	Cl. 3 of EN IEC 60598-1:2021/ BS EN IEC 60598-1:2021/ AS/NZS 60598-1 (A1:2017+A2: 2020): 2017

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	Lamps, luminaries & accessories		
236.	Luminaries	Provision for earthing	Cl. 7 of IEC 60598-1: 2020
237.	Luminaries	Terminals	Cl. 14 & 15 of EN IEC 60598-1:2021/ BS EN IEC 60598-1:2021/ AS/NZS 60598-1 (A1:2017+A2: 2020): 2017
238.	Luminaries	Construction	Cl. 4 of IEC 60598-1: 2020
239.	Luminaries	Construction	Section 4 of IS 10322 (Part 1):2014+ A1: 2018
240.	Luminaries	Creepage distances & clearances	Cl.11 of EN IEC 60598-1:2021/ BS EN IEC 60598-1:2021/ AS/NZS 60598-1 (A1:2017+A2: 2020): 2017
241.	Luminaries	Creepage distances & clearances	Section 11 of IS 10322 (Part 1):2014+A1: 2018
242.	Luminaries	Endurance test and thermal test	Cl. 12 of IEC 60598-1: 2020
243.	Luminaries	Endurance test and thermal test	Section 12 of IS 10322 (Part 1): 2014 +A1: 2018
244.	Luminaries	External & internal wiring	Cl. 5 of EN IEC 60598-1:2021/ BS EN IEC 60598-1:2021/ AS/NZS 60598-1 (A1:2017+A2: 2020): 2017
245.	Luminaries	External & internal wiring	Section 5 of IS 10322 (Part 1):2014+ A1: 2018
246.	Luminaries	Insulation resistance and electric strength	Cl. 10 of EN IEC 60598-1:2021/ BS EN IEC 60598-1:2021/ AS/NZS 60598-1 (A1:2017+A2: 2020): 2017
247.	Luminaries	Insulation resistance and electric strength	Cl. 10 of IEC 60598-1: 2020
248.	Luminaries	Leakage current	Section 10. 3 of IS 10322 (Part 1): 2014 +A1: 2018



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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Lamps, luminaries & accessories		
249.	Luminaries	Marking	Section 3 of IS 10322 (Part 1):2014 +A1: 2018
250.	Luminaries	Marking	Cl. 3 of IEC 60598-1: 2020
251.	Luminaries	Protection against electric shock	Cl. 8 of IEC 60598-1: 2020
252.	Luminaries	Protection against electric shock	Cl. 8 of EN IEC 60598-1:2021/ BS EN IEC 60598-1:2021/ AS/NZS 60598-1 (A1:2017+A2: 2020): 2017
253.	Luminaries	Protection against electric shock	Section 8 of IS 10322 (Part 1):2014 +A1: 2018
254.	Luminaries	Provision for earthing	Section 7 of IS 10322 (Part 1):2104+ A1: 2018
255.	Luminaries	Provision for earthing	Cl. 7 of EN IEC 60598-1:2021/ BS EN IEC 60598-1:2021/ AS/NZS 60598-1 (A1:2017+A2: 2020): 2017
256.	Luminaries	Resistance to dust, solid objects & moisture	Cl. 9 of IEC 60598-1: 2020
257.	Luminaries	Resistance to dust, solid objects & moisture	Section 9 of IS 10322 (Part 1):2014 +A1: 2018
258.	Luminaries	Resistance to heat, fire and tracking	Cl. 13 of EN IEC 60598-1:2021/ BS EN IEC 60598-1:2021/ AS/NZS 60598-1 (A1:2017+A2: 2020): 2017
259.	Luminaries	Resistance to heat, fire and tracking	Cl. 13 of IEC 60598-1: 2020
260.	Luminaries	Resistance to heat, fire and tracking	Section 13 of IS 10322 (Part 1):2014 +A1: 2018
261.	Luminaries	Terminals	Cl. 14 & 15 of IEC 60598-1: 2020
262.	Luminaries	Terminals	Section 14 & 15 of IS 10322 (Part 1):2014+A1: 2018

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Lamps, luminaries & accessories		
263.	Luminaries	Touch current	Cl. 10.3 of IEC 60598-1: 2020
264.	Luminaries	Touch current	Cl. 10.3 of EN IEC 60598-1:2021/ BS EN IEC 60598-1:2021/ AS/NZS 60598-1 (A1:2017+A2: 2020): 2017
265.	Portable general-purpose luminaire	Construction	Cl. 6 of IS 10322(Part 5/Sec 4) :1987 +A1: 1995
266.	Portable general-purpose luminaire	Construction	Cl. 4.7 of IEC 60598-2-4 (Edition 3): 2017
267.	Portable general-purpose luminaire	Construction	Cl. 4.7 of BS EN 60598-2-4: 2018/ AS/NZS 60598-2-4 (A1:2007): 2005
268.	Portable general-purpose luminaire	Creepage distances & clearances	Cl. 7 of IS 10322(Part 5/Sec 4) :1987+A1: 1995
269.	Portable general-purpose luminaire	Creepage distances & clearances	Cl. 4.8 of IEC 60598-2-4: 2017
270.	Portable general-purpose luminaire	Creepage distances & clearances	Cl. 4.8 of BS EN 60598-2-4: 2018/ AS/NZS 60598-2-4 (A1:2007): 2005
271.	Portable general-purpose luminaire	Endurance test and thermal test	Cl. 4.13 of IEC 60598-2-4 (Edition 3): 2017
272.	Portable general-purpose luminaire	Endurance test and thermal test	Cl. 13.4 of IS 10322(P-5/S-4) :1987+ A1: 1995
273.	Portable general-purpose luminaire	Endurance test and thermal test	Cl. 4.13 of BS EN 60598-2-4: 2018/ AS/NZS 60598-2-4 (A1:2007) : 2005
274.	Portable general-purpose luminaire	External & internal wiring	Cl. 10 of IS 10322(Part 5/Sec 4) :1987+A1: 1995
275.	Portable general-purpose luminaire	External & internal wiring	Cl.4.11 of BS EN 60598-2-4: 2018/ AS/NZS 60598-2-4 (A1:2007) : 2005
276.	Portable general-purpose luminaire	External & internal wiring	Cl. 4.11 of IEC 60598-2-4 (Edition 3): 2017

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Lamps, luminaires & accessories		
277.	Portable general-purpose luminaire	Insulation resistance and electric strength	Cl. 13.6 of IS 10322(Part 5/Sec 4) :1987 +A1: 1995
278.	Portable general-purpose luminaire	Insulation resistance and electric strength	Cl. 4.15 of BS EN 60598-2-4: 2018/ AS/NZS 60598-2-4 (A1:2007): 2005
279.	Portable general-purpose luminaire	Insulation resistance and electric strength	Cl. 4. 15 of IEC 60598-2-4 (Edition 3): 2017
280.	Portable general-purpose luminaire	Marking	Cl. 4. 6 of IEC 60598-2-4 (Edition 3): 2017
281.	Portable general-purpose luminaire	Marking	Cl. 5 of IS 10322(P-5/S-4) :1987+ A1: 1995
282.	Portable general-purpose luminaire	Marking	Cl. 4. 6 of BS EN 60598-2-4: 2018/ AS/NZS 60598-2-4 (A1:2007) :: 2005
283.	Portable general-purpose luminaire	Protection against electric shock	Cl. 4.12 of BS EN 60598-2-4: 2018/ AS/NZS 60598-2-4 (A1:2007): 2005
284.	Portable general-purpose luminaire	Protection against electric shock	Cl. 4.12 of IEC 60598-2-4 (Edition 3): 2017
285.	Portable general-purpose luminaire	Protection against electric shock	Cl.11 of IS 10322(Part 5/Sec 4) :1987+A1: 1995
286.	Portable general-purpose luminaire	Provision for earthing	Cl. 4.9 of BS EN 60598-2-4: 2018/ AS/NZS 60598-2-4 (A1:2007): 2005
287.	Portable general-purpose luminaire	Provision for earthing	Cl. 4.9 of IEC 60598-2-4 (Edition 3): 2017
288.	Portable general-purpose luminaire	Provision for earthing	Cl. 8 of IS 10322(Part 5/Sec 4) :1987+A1: 1995
289.	Portable general-purpose luminaire	Resistance to dust, solid objects & moisture	Cl. 13.5 of IS 10322(Part 5/Sec 4): 1987 +A1: 1995
290.	Portable general-purpose luminaire	Resistance to dust, solid objects & moisture	Cl.4.14 of BS EN 60598-2-4: 2018/ AS/NZS 60598-2-4 (A1:2007): 2005

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Lamps, luminaires & accessories		
291.	Portable general-purpose luminaire	Resistance to dust, solid objects & moisture	Cl. 4.14 of IEC 60598-2-4 (Edition 3): 2017
292.	Portable general-purpose luminaire	Resistance to heat, fire and tracking	Cl. 13.7 of IS 10322(Part 5/Sec 4):1987+A1: 1995
293.	Portable general-purpose luminaire	Resistance to heat, fire and tracking	Cl. 4. 16 of BS EN 60598-2-4: 2018/AS/NZS 60598-2-4 (A1:2007): 2005
294.	Portable general-purpose luminaire	Resistance to heat, fire and tracking	Cl. 4. 16 of IEC 60598-2-4 (Edition 3): 2017
295.	Portable general-purpose luminaire	Terminals	Cl. 9 of IS 10322(Part 5/Sec 4):1987+A1: 1995
296.	Portable general-purpose luminaire	Terminals	Cl. 4. 10 of IEC 60598-2-4 (Edition 3): 2017
297.	Portable general-purpose luminaire	Terminals	Cl. 4. 10 of BS EN 60598-2-4: 2018/AS/NZS 60598-2-4 (A1:2007): 2005
298.	Portable general-purpose luminaire	Touch current	Cl. 4 .15 of IEC 60598-2-4 (Edition 3): 2017
299.	Portable general-purpose luminaire	Touch current	Cl. 4.15 of BS EN 60598-2-4: 2018/AS/NZS 60598-2-4 (A1:2007): 2005
300.	Portable general-purpose luminaire	Touch current	Cl. 13.6 of IS 10322(Part 5/Sec 4):1987+A1: 1995
301.	Recessed luminaire	Construction	Cl. 2. 7 of IEC 60598-2-2 (Edition 3.0): 2011
302.	Recessed luminaire	Construction	Cl. 7 of IS 10322(Part 5/Sec 2):2012+A1: 2015
303.	Recessed luminaire	Construction	Cl. 2. 7 of BS EN 60598-2-2: 2012/AS/NZS 60598-2-2 (A1: 2017 + A2: 2021): 2016

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Lamps, luminaires & accessories		
304.	Recessed luminaire	Creepage distances & clearances	Cl. 2.8 of BS EN 60598-2-2: 2012/ AS/NZS 60598-2-2 (A1: 2017 + A2: 2021): 2016
305.	Recessed luminaire	Creepage distances & clearances	Cl. 2. 8 of IEC 60598-2-2 (Edition 3.0): 2011
306.	Recessed luminaire	Creepage distances & clearances	Cl. 8 of IS 10322(Part 5/Sec 2) :2012+A1: 2015
307.	Recessed luminaire	Endurance test and thermal test	Cl. 2.13 of IEC 60598-2-2 (Edition 3.0): 2011
308.	Recessed luminaire	Endurance test and thermal test	Cl. 2 .13 of BS EN 60598-2-2: 2012/ AS/NZS 60598-2-2 (A1: 2017 + A2: 2021): 2016
309.	Recessed luminaire	External & internal wiring	Cl.11 of IS 10322(Part 5/Sec 2) :2012+A1: 2015
310.	Recessed luminaire	External & internal wiring	Cl. 2.11 of BS EN 60598-2-2: 2012/ AS/NZS 60598-2-2 (A1: 2017 + A2: 2021): 2016
311.	Recessed luminaire	External & internal wiring	Cl. 2. 11 of IEC 60598-2-2 (Edition 3.0): 2011
312.	Recessed luminaire	Insulation resistance and electric strength	Cl. 2.15 of BS EN 60598-2-2: 2012/ AS/NZS 60598-2-2 (A1: 2017 + A2: 2021): 2016
313.	Recessed luminaire	Insulation resistance and electric strength	Cl. 2. 15 of IEC 60598-2-2 (Edition 3.0): 2011
314.	Recessed luminaire	Insulation resistance and electric strength	Cl. 15 of IS 10322(Part 5/Sec 2) :2012+A1: 2015
315.	Recessed luminaire	Leakage current	Cl. 15 of IS 10322(Part 5/Sec 1) :2012+A1: 2015

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	Lamps, luminaires & accessories		
316.	Recessed luminaire	Marking	Cl. 2.6 of IEC 60598-2-2 : 2023
317.	Recessed luminaire	Marking	Cl. 6 of IS 10322(P-5/S-2) :2012 + A1: 2015
318.	Recessed luminaire	Marking	Cl. 2.6 of BS EN 60598-2-2: 2012/ AS/NZS 60598-2-2 (A1: 2017 + A2: 2021): 2016
319.	Recessed luminaire	Protection against electric shock	Cl. 12 of IS 10322(P-5/S-2) :2012 + A1: 2015
320.	Recessed luminaire	Protection against electric shock	Cl. 2. 12 of BS EN 60598-2-2: 2012/ AS/NZS 60598-2-2 (A1: 2017 + A2: 2021) : 2016
321.	Recessed luminaire	Protection against electric shock	Cl.2.12 of IEC 60598-2-2 (Edition 3.0): 2011
322.	Recessed luminaire	Provision for earthing	Cl. 9 of IS 10322(Part 5/Sec 2) :2012+A1: 2015
323.	Recessed luminaire	Provision for earthing	Cl. 2. 9 of BS EN 60598-2-2: 2012/ AS/NZS 60598-2-2 (A1: 2017 + A2: 2021): 2016
324.	Recessed luminaire	Provision for earthing	Cl. 2.9 of IEC 60598-2-2 (Edition 3.0): 2011
325.	Recessed luminaire	Resistance to dust, solid objects & moisture	Cl. 14 of IS 10322(P-5/S-2) :2012 + A1: 2015
326.	Recessed luminaire	Resistance to dust, solid objects & moisture	Cl. 2. 14 of BS EN 60598-2-2: 2012/ AS/NZS 60598-2-2 (A1: 2017 + A2: 2021): 2016
327.	Recessed luminaire	Resistance to dust, solid objects & moisture	Cl. 2. 14 of IEC 60598-2-2 : 2023



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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Lamps, luminaires & accessories		
328.	Recessed luminaire	Resistance to heat, fire and tracking	Cl. 16 of IS 10322(Part 5/Sec 2) :2012+A1: 2015
329.	Recessed luminaire	Resistance to heat, fire and tracking	Cl. 2. 16 of IEC 60598-2-2: 2023
330.	Recessed luminaire	Resistance to heat, fire and tracking	Cl. 2. 16 of BS EN 60598-2-2: 2012/ AS/NZS 60598-2-2 (A1: 2017 + A2: 2021): 2016
331.	Recessed luminaire	Terminals	Cl. 10 of IS 10322(Part 5/Sec 2) :2012+A1: 2015
332.	Recessed luminaire	Terminals	Cl. 2. 10 (14, 15) of BS EN 60598-2-2: 2012/ AS/NZS 60598-2-2 (A1: 2017 + A2: 2021): 2016
333.	Recessed luminaire	Terminals	Cl. 2. 10 of IEC 60598-2-2 (Edition 3.0): 2011
334.	Recessed luminaire	Touch current	Cl. 2.15 of BS EN 60598-2-2: 2012/ AS/NZS 60598-2-2 (A1: 2017 + A2: 2021): 2016
335.	Recessed luminaire	Touch current	Cl. 2.15 of IEC 60598-2-2 (Edition 3.0): 2011
336.	Recessed luminaire	Endurance test and thermal test	Cl. 13 of IS 10322(Part 5/Sec 2) :2012 + A1: 2015
337.	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
338.	Rope lights	Construction	Cl. 21.7 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
339.	Rope lights	Creepage distance & 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
340.	Rope lights	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
341.	Rope lights	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
342.	Rope lights	Insulation resistance and electric strength	Cl. 21.15 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
343.	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

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Lamps, luminaries & accessories		
344.	Rope lights	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
345.	Rope lights	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
346.	Rope lights	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 60598-2-21:2015/ SNZ AS/NZS 60598-2-21: 2018
347.	Rope lights	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
348.	Safety of lamp control gear D.C or A.C supplied electronic control gear for led modules	Construction	Cl. 16 of IEC 61347 (Part 2/Sec 13):2014+A1: 2016
349.	Safety of lamp control gear D.C or A.C supplied electronic control gear for led modules	Construction	Cl. 15 of IS 15885 (Part 1):2011 +A1: 2015



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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Lamps, luminaries & accessories		
350.	Safety of lamp control gear D.C or A.C supplied electronic control gear for led modules	Construction	Cl. 16 of IS 15885 (Part 2/Sec 13):2012 +A1: 2015
351.	Safety of lamp control gear D.C or A.C supplied electronic control gear for led modules	Creepage distance & clearances	Cl. 16 of IS 15885 (Part 1):2011+A1: 2015
352.	Safety of lamp control gear D.C or A.C supplied electronic control gear for led modules	Creepage distance & clearances	Cl. 17 of IEC 61347 (Part 2/Sec 13):2014+A1: 2016
353.	Safety of lamp control gear D.C or A.C supplied electronic control gear for led modules	Creepage distance & clearances	Cl. 17 of IS 15885 (Part 2/Sec 13):2012+A1: 2015
354.	Safety of lamp control gear D.C or A.C supplied electronic control gear for led modules	Electric strength	Cl. 12 of IS 15885 (Part 2/Sec 13):2012 +A1: 2015
355.	Safety of lamp control gear D.C or A.C supplied electronic control gear for led modules	Electric strength	Cl. 12 of IEC 61347 (Part 2/Sec 13):2014 +A1: 2016
356.	Safety of lamp control gear D.C or A.C supplied electronic control gear for led modules	Electric strength	Cl. 12 of IS 15885 (Part 1):2011+A1: 2015
357.	Safety of lamp control gear D.C or A.C supplied electronic control gear for led modules	Fault conditions	Cl. 14 of IEC 61347-2-13:2014+ AMD1: 2016
358.	Safety of lamp control gear D.C or A.C supplied electronic control gear for led modules	Fault conditions	Cl. 14 & Annex C of IS 15885 (Part 2/Sec 13):2012+A1: 2015



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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Lamps, luminaries & accessories		
359.	Safety of lamp control gear D.C or A.C supplied electronic control gear for led modules	Fault conditions	Cl. 14 & Annex C of IS 15885 (Part 1):2011+A1: 2015
360.	Safety of lamp control gear D.C or A.C supplied electronic control gear for led modules	Marking	Cl. 7 of IS 15885 (Part 2/Sec 13): 2012 +A1: 2015
361.	Safety of lamp control gear D.C or A.C supplied electronic control gear for led modules	Marking	Cl. 7 of IEC 61347 (Part 2/Sec 13): 2014 +A1: 2016
362.	Safety of lamp control gear D.C or A.C supplied electronic control gear for led modules	Marking	Cl. 7.2 of IS 15885 (Part 1):2011+A1: 2015
363.	Safety of lamp control gear D.C or A.C supplied electronic control gear for led modules	Moisture resistance and insulation	Cl.11 of IS 15885 (Part 1):2011+A1: 2015
364.	Safety of lamp control gear D.C or A.C supplied electronic control gear for led modules	Moisture resistance and insulation	Cl.11 of IS 15885 (Part 2/Sec 13): 2012+A1: 2015
365.	Safety of lamp control gear D.C or A.C supplied electronic control gear for led modules	Moisture resistance and insulation	Cl. 11 of IEC 61347 (Part 2/Sec 13): 2014+A1: 2016
366.	Safety of lamp control gear D.C or A.C supplied electronic control gear for led modules	Protection against accidental contact with live parts	Cl. 10 of IS 15885 (Part 1):2011 +A1: 2015
367.	Safety of lamp control gear D.C or A.C supplied electronic control gear for led modules	Protection against accidental contact with live parts	Cl. 8 of IS 15885 (Part 2/Sec 13): 2012+A1: 2015



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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Lamps, luminaries & accessories		
368.	Safety of lamp control gear D.C or A.C supplied electronic control gear for led modules	Protection against accidental contact with live parts	Cl. 8 of IEC 61347 (Part 2/Sec 13): 2014+A1: 2016
369.	Safety of lamp control gear D.C or A.C supplied electronic control gear for led modules	Provision for protective earthing	Cl. 10 of IS 15885 (Part 2/Sec 13): 2012 +A1: 2015
370.	Safety of lamp control gear D.C or A.C supplied electronic control gear for led modules	Provision for protective earthing	Cl. 10 of IEC 61347 (Part 2/Sec 13): 2014+A1: 2016
371.	Safety of lamp control gear D.C or A.C supplied electronic control gear for led modules	Provision for protective earthing	Cl. 9 of IS 15885 (Part 1):2011+A1: 2015
372.	Safety of lamp control gear D.C or A.C supplied electronic control gear for led modules	Resistance to corrosion	Cl. 19 of IS 15885 (Part 1):2011+A1: 2015
373.	Safety of lamp control gear D.C or A.C supplied electronic control gear for led modules	Resistance to corrosion	Cl. 20 of IS 15885 (Part 2/Sec 13):2012+A1: 2015
374.	Safety of lamp control gear D.C or A.C supplied electronic control gear for led modules	Resistance to corrosion	Cl. 20 of IEC 61347 (Part 2/Sec 13):2014+A1: 2016
375.	Safety of lamp control gear D.C or A.C supplied electronic control gear for led modules	Resistance to heat, fire and tracking	Cl. 18 of IS 15885 (P-1):2011 +A1: 2015
376.	Safety of lamp control gear D.C or A.C supplied electronic control gear for led modules	Resistance to heat, fire and tracking	Cl. 19 of IEC 61347-2-13:2014+ AMD1: 2016



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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Lamps, luminaries & accessories		
377.	Safety of lamp control gear D.C or A.C supplied electronic control gear for led modules	Resistance to heat, fire and tracking	Cl. 19 of IS 15885 (Part 2/Sec 13): 2012 +A1: 2015
378.	Safety of lamp control gear D.C or A.C supplied electronic control gear for led modules	Screws, current-carrying parts and connections	Cl. 17 of IS 15885 (Part 1):2011+A1: 2015
379.	Safety of lamp control gear D.C or A.C supplied electronic control gear for led modules	Screws, current-carrying parts and connections	Cl. 18 of IEC 61347 (Part 2/Sec 13): 2014+A1: 2016
380.	Safety of lamp control gear D.C or A.C supplied electronic control gear for led modules	Screws, current-carrying parts and connections	Cl. 18 of IS 15885 (Part 2/Sec 13): 2012 +A1: 2015
381.	Safety of lamp control gear D.C or A.C supplied electronic control gear for led modules	Terminals	Cl. 8 of IS 15885 (Part 1):2011+A1: 2015
382.	Safety of lamp control gear D.C or A.C supplied electronic control gear for led modules	Terminals	Cl. 9 of IEC 61347-2-13:2014+AMD1: 2016
383.	Safety of lamp control gear D.C or A.C supplied electronic control gear for led modules	Terminals	Cl. 9 of IS 15885 (Part 2/Sec 13):2012+A1: 2015
384.	Safety of lamp control gear D.C or A.C supplied electronic control gear for led modules	Transformer heating	Cl. 15 of IS 15885 (Part 2/Sec 13): 2012 +A1: 2015
385.	Safety of lamp control gear D.C or A.C supplied electronic control gear for led modules	Transformer heating	Cl. 10.3, 10.4, M-6, M-7 of IS 15885 (Part 1):2011+A1: 2015

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EMC Testing and Compliance LLP

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Lamps, luminaries & accessories		
386.	Safety of lamp control gear D.C or A.C supplied electronic control gear for led modules	Transformer heating	Cl. 15 of IEC 61347 (Part 2/Sec 13): 2014+A1: 2016
387.	Self-ballasted led lamps for general lighting services	Bending moment and axial pull and mass	Cl. 6.2 of IS 16102-1: 2012+A1: 2015+A2: 2015+A3: 2020
388.	Self-ballasted led lamps for general lighting services	Cap interchangeability	Cl. 6.1 of IS 16102-1: 2012+A1: 2015+A2: 2015+A3: 2020
389.	Self-ballasted led lamps for general lighting services	Cap interchangeability bending moment and axial pull and mass	Sec. 6 of IEC 62560:2011+A1: 2015
390.	Self-ballasted led lamps for general lighting services	Cap temperature rise	Cl. 10 of IS 16102-1: 2012+A1: 2015+A2: 2015+A3: 2020
391.	Self-ballasted led lamps for general lighting services	Cap temperature rise	Cl. 10 of IEC 62560:2011+AMD1: 2015
392.	Self-ballasted led lamps for general lighting services	Creep age distance & clearance	Cl. 14 of IS 16102-1: 2012+A1: 2015+A2: 2015+A3: 2020
393.	Self-ballasted led lamps for general lighting services	Creepage distance & clearance	Section 14 of IEC 62560:2011 +AMD1: 2015
394.	Self-ballasted led lamps for general lighting services	Fault condition	Cl. 13 of IS 16102-1: 2012+A1: 2015+A2: 2015+A3: 2020
395.	Self-ballasted led lamps for general lighting services	Fault condition	Section 13 of IEC 62560:2011 +A1: 2015
396.	Self-ballasted led lamps for general lighting services	Insulation resistance and electric strength after humidity treatment	Cl. 8 of IS 16102-1: 2012+A1: 2015+A2: 2015+A3: 2020
397.	Self-ballasted led lamps for general lighting services	Insulation resistance and electric strength after humidity treatment	Sec. 8 of IEC 62560:2011+A1: 2015
398.	Self-ballasted led lamps for	Marking	Sec. 5 of IEC 62560:2011+A1: 2015

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Lamps, luminaries & accessories		
	general lighting services		
399.	Self-ballasted led lamps for general lighting services	Marking	Cl. 5 of IS 16102-1: 2012+A1: 2015+A2: 2015+A3: 2020
400.	Self-ballasted led lamps for general lighting services	Mechanical strength	Cl. 9 of IS 16102-1: 2012+A1: 2015+A2: 2015+A3: 2020
401.	Self-ballasted led lamps for general lighting services	Mechanical strength	Sec. 9 of IEC 62560:2011+A1: 2015
402.	Self-ballasted led lamps for general lighting services	Protection against accidental contact with live part	Cl. 7 of IS 16102-1: 2012+A1: 2015+A2: 2015+A3: 2020
403.	Self-ballasted led lamps for general lighting services	Protection against accidental contact with live part	Sec. 7 of IEC 62560:2011 +A1: 2015
404.	Self-ballasted led lamps for general lighting services	Resistance to flame and ignition	Cl. 12 of IS 16102-1: 2012+A1: 2015+A2: 2015+A3: 2020
405.	Self-ballasted led lamps for general lighting services	Resistance to flame and ignition	Sec. 12 of IEC 62560:2011+A1: 2015
406.	Self-ballasted led lamps for general lighting services	Resistance to heat	Cl. 11 of IS 16102-1: 2012+A1: 2015+A2: 2015+A3: 2020
407.	Self-ballasted led lamps for general lighting services	Resistance to heat	Sec. 11 of IEC 62560:2011+A1: 2015

Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Power supplies & stabilizers		
1.	Uninterruptible Power Systems (UPS)	Abnormal operating and fault conditions	Cl. 8.3 (Cl. 5.3 / RD) of IS 16242 (P-1) (A1:2018) :2014 / IEC 62040-1:2008
2.	Uninterruptible Power Systems (UPS)	Back feed Protection	Clause No. 5.1.4 & Annex I of IS 16242 (P-1) (A1:2018) :2014 / IEC 62040-1:2008

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Power supplies & stabilizers		
3.	Uninterruptible Power Systems (UPS)	Battery	Cl. 4.7.20; Cl. 1.7.1/RD; Cl. 2.1.1.5/RD of IS 16242 (P-1) (A1:2018) :2014 / IEC 62040-1:2008
4.	Uninterruptible Power Systems (UPS)	Case insulation	Cl. 7.6.4; Cl. 5.2/RD of IS 16242 (P-1) (A1:2018) :2014 / IEC 62040-1:2008
5.	Uninterruptible Power Systems (UPS)	Charging voltages	Cl. 7.6.8 of IS 16242 (P-1) (A1:2018) :2014 / IEC 62040-1:2008
6.	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) (A1:2018) :2014 / IEC 62040-1:2008
7.	Uninterruptible Power Systems (UPS)	Durability of making	Cl. 4.7.16; Cl. 1.7.11/RD of IS 16242 (P-1) (A1:2018) :2014 / IEC 62040-1:2008
8.	Uninterruptible Power Systems (UPS)	Electric Strength	Cl. 8.2; Cl. 5.2/RD of IS 16242 (P-1) (A1:2018) :2014 / IEC 62040-1:2008
9.	Uninterruptible Power Systems (UPS)	Equipment Movement	Cl. 7.4.4 of IS 16242 (P-1) (A1:2018) :2014 / IEC 62040-1:2008
10.	Uninterruptible Power Systems (UPS)	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) (A1:2018) :2014 / IEC 62040-1:2008
11.	Uninterruptible Power Systems (UPS)	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) (A1:2018) :2014 / IEC 62040-1:2008
12.	Uninterruptible Power Systems (UPS)	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) (A1:2018) :2014 / IEC 62040-1:2008



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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Power supplies & stabilizers		
13.	Uninterruptible Power Systems (UPS)	High leakage current	Cl. 4.7.13; Cl. 5.1/RD of IS 16242 (P-1) (A1:2018) :2014 / IEC 62040-1:2008
14.	Uninterruptible Power Systems (UPS)	Limited Current Circuits.	Cl. 5.2.3; Cl. 2.4/RD of IS 16242 (P-1) (A1:2018) :2014 / IEC 62040-1:2008
15.	Uninterruptible Power Systems (UPS)	Limited Power Source	Cl. 5.2.5; Cl. 2.5/RD of IS 16242 (P-1) (A1:2018) :2014 / IEC 62040-1:2008
16.	Uninterruptible Power Systems (UPS)	Mechanical strength	Cl. 7.3; Cl. 4.2 / RD of IS 16242 (P-1) (A1:2018) :2014 / IEC 62040-1:2008
17.	Uninterruptible Power Systems (UPS)	Openings	Cl. 7.4.2 of IS 16242 (P-1) (A1:2018) :2014 / IEC 62040-1:2008
18.	Uninterruptible Power Systems (UPS)	Power interfaces	Cl. 4.6; Cl. 1.6.2/RD of IS 16242 (P-1) (A1:2018) :2014 / IEC 62040-1:2008
19.	Uninterruptible Power Systems (UPS)	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) (A1:2018) :2014 / IEC 62040-1:2008
20.	Uninterruptible Power Systems (UPS)	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) (A1:2018) :2014 / IEC 62040-1:2008
21.	Uninterruptible Power Systems (UPS)	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) (A1:2018) :2014 / IEC 62040-1:2008
22.	Uninterruptible Power Systems (UPS)	Protective earthing & bonding	Cl. 5.3; Cl. 2.6/RD, Cl. 2.10/RD, Cl. 4.2/RD of IS 16242 (P-1) (A1:2018) :2014 / IEC 62040-1:2008
23.	Uninterruptible Power Systems (UPS)	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) (A1:2018) :2014 / IEC 62040-1:2008

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Power supplies & stabilizers		
24.	Uninterruptible Power Systems (UPS)	Safety Extra Low Voltage Circuits-SELV	Cl. 5.2.1; Cl. 2.2/RD of IS 16242 (P-1) (A1:2018) :2014 / IEC 62040-1:2008
25.	Uninterruptible Power Systems (UPS)	Stability	Cl. 7.2; Cl. 4.1 /RD of IS 16242 (P-1) (A1:2018) :2014 / IEC 62040-1:2008
26.	Uninterruptible Power Systems (UPS)	Telephone network voltage circuits - TNV	Cl. 5.2.2; Cl. 2.3/RD of IS 16242 (P-1) (A1:2018) :2014 / IEC 62040-1:2008
27.	Uninterruptible Power Systems (UPS)	Temperature rise	Cl. 7.7; Cl. 4.5/RD of IS 16242 (P-1) (A1:2018) :2014 / IEC 62040-1:2008
28.	Uninterruptible Power Systems (UPS)	Ventilation	Cl. 7.6.7 of IS 16242 (P-1) (A1:2018) :2014 / IEC 62040-1:2008
29.	Uninterruptible Power Systems (UPS)	Wiring	Cl. 7.6.5 of IS 16242 (P-1) (A1:2018) :2014 / IEC 62040-1:2008
30.	Uninterruptible Power Systems (UPS)	Wiring terminals for external power conductors	Cl. 6.3; Cl. 3.3/RD of IS 16242 (P-1) (A1:2018) :2014 / IEC 62040-1:2008
31.	Uninterruptible Power Systems (UPS)	Clearances, creepage distances and distances through insulation	Cl. 5.7; Cl. 2.10/RD of IS 16242 (P-1) (A1:2018) :2014 / IEC 62040-1:2008



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Electrical 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.	Audio, video and similar electronics apparatus	Antenna coaxial sockets mounted on the apparatus (endurance test)	Cl. 12.5 of IS 616 :2017 / IEC 60065: 2014
3.	Audio, video and similar electronics apparatus	Apparatus containing coin/button cell batteries	Cl. 12.7 of IS 616:2017 / IEC 60065: 2014
4.	Audio, video and similar electronics apparatus	Apparatus to be connected to the telecommunication network	Annex B of IS 616: 2017/ IEC 60065: 2014
5.	Audio, video and similar electronics apparatus	Bump test	Cl. 12.1.2 of IS 616:2017 / IEC 60065: 2014
6.	Audio, video and similar electronics apparatus	Clearance and creepage distance	Cl. 13 of IS 616: 2017 / IEC 60065: 2014
7.	Audio, video and similar electronics apparatus	Component (by verification of data only)	Cl. 14 of IS 616 :2017 / IE 60065: 2014
8.	Audio, video and similar electronics apparatus	Constructional requirements with regard to protection against electric shock	Cl. 8 of IS 616:2017/ IEC 60065: 2014
9.	Audio, video and similar electronics apparatus	Determination of accessible parts	Cl. 9.1.1.3 of IS 616: 2017 / IEC 60065: 2014
10.	Audio, video and similar electronics apparatus	Determination of hazardous live parts	Cl. 9.1.1.2 of IS 616:2017 / IEC 60065: 2014
11.	Audio, video and similar electronics apparatus	Devices forming parts of mains plug	Cl. 15.4 of IS 616:2017 / IEC 60065: 2014
12.	Audio, video and similar electronics apparatus	Drawers	Cl. 12.4 of IS 616:2017 / IEC 60065: 2014
13.	Audio, video and similar electronics apparatus	Drop test	Cl. 12.1.5 of IS 616:2017 / IEC 60065: 2014

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Audio equipment		
14.	Audio, video and similar electronics apparatus	Electric connection and mechanical fixing	Cl. 17 of IS 616: 2017 / IEC 60065: 2014
15.	Audio, video and similar electronics apparatus	Electric shock hazard	Cl. 11.1 of IS 616: 2017 / IEC 60065: 2014
16.	Audio, video and similar electronics apparatus	Electric shock hazard under normal operating conditions-requirements	Cl. 9.1.1.1 of IS 616:2017 / IEC 60065: 2014
17.	Audio, video and similar electronics apparatus	External flexible cable	Cl. 16 of IS 616: 2017 / IEC 60065: 2014
18.	Audio, video and similar electronics apparatus	Fault conditions	Cl. 4.3 of IS 616: 2017 / IEC 60065: 2014
19.	Audio, video and similar electronics apparatus	Fixing of actuating elements	Cl. 12.2 of IS 616:2017 / IEC 60065: 2014
20.	Audio, video and similar electronics apparatus	Flammability test method	Annex. G of IS 616: 2017/ IEC 60065: 2014
21.	Audio, video and similar electronics apparatus	Heat resistance of insulating material	Cl. 7.2 of IS 616:2017 / IEC 60065: 2014
22.	Audio, video and similar electronics apparatus	Heating	Cl. 11.2 of IS 616:2017 / IEC 60065: 2014
23.	Audio, video and similar electronics apparatus	Heating under normal operating condition	Cl. 7.1 of IS 616:2017 / IEC 60065: 2014
24.	Audio, video and similar electronics apparatus	Humidity treatment	Cl. 10.3 of IS 616: 2017 / IEC 60065: 2014
25.	Audio, video and similar electronics apparatus	Impact test	Cl. 12.1.4 of IS 616:2017/ IEC 60065: 2014
26.	Audio, video and similar electronics apparatus	Insulation resistance and dielectric strength	Cl. 10.4 of IS 616:2017 / IEC 60065: 2014
27.	Audio, video and similar electronics apparatus	Marking and instructions power consumption	Cl. 5 of IS 616:2017 / IEC 60065: 2014

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Audio equipment		
28.	Audio, video and similar electronics apparatus	Mechanical strength of glass	Cl. 19.6 of IS 616 :2017 / IEC 60065: 2014
29.	Audio, video and similar electronics apparatus	Normal operating conditions	Cl. 4.2 of IS 616: 2017 / IEC 60065: 2014
30.	Audio, video and similar electronics apparatus	Opening of the enclosure	Cl. 9.1.3 of IS 616: 2017 / IEC 60065: 2014
31.	Audio, video and similar electronics apparatus	Plugs and sockets,	Cl. 15.1 of IS 616: 2017/ IEC 60065: 2014
32.	Audio, video and similar electronics apparatus	Pre-set controls	Cl. 9.1.5 of IS 616:2017 / IEC 60065: 2014
33.	Audio, video and similar electronics apparatus	Provisions for protective earthing (earth bond test)	Cl. 15.2 of IS 616:2017 / IEC 60065: 2014
34.	Audio, video and similar electronics apparatus	Remote control devices held in hand	Cl. 12.3 of IS 616:2017 / IEC 60065: 2014
35.	Audio, video and similar electronics apparatus	Removal of protective covers	Cl. 9.2 of IS 616: 2017 / IEC 60065: 2014
36.	Audio, video and similar electronics apparatus	Resistance to external forces	Cl. 9.1.7 of IS 616:2017 / IEC 60065: 2014
37.	Audio, video and similar electronics apparatus	Resistance to fire	Cl. 20.0/ Annex G of IS 616:2017 / IEC 60065: 2014
38.	Audio, video and similar electronics apparatus	Stability requirements	Cl. 19.1 to Cl 19.4 of IS 616:2014 / IEC 60065: 2014
39.	Audio, video and similar electronics apparatus	Stress relief test	Cl. 12.1.6 of IS 616:2017 / IEC 60065: 2014
40.	Audio, video and similar electronics apparatus	Surge test	Cl. 10.2 of IS 616: 2017 IEC 60065: 2014
41.	Audio, video and similar electronics apparatus	Telescoping or rod antennas	Cl. 12.6 of IS 616:2017 / IEC 60065: 2014



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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Audio equipment		
42.	Audio, video and similar electronics apparatus	Terminals	Cl. 9.1.4 of IS 616:2017 / IEC 60065: 2014
43.	Audio, video and similar electronics apparatus	Terminals for external flexible cord and for permanent connection to the mains supply	Cl. 15.3 of IS 616: 2017 / IEC 60065: 2014
44.	Audio, video and similar electronics apparatus	Vibration test	Cl. 12.1.3 of IS 616: 2017 / IEC 60065: 2014
45.	Audio, video and similar electronics apparatus	Wall or ceiling mounting means	Cl. 19.7 of IS 616:2017 / IEC 60065: 2014
46.	Audio, video and similar electronics apparatus	Withdrawal of mains plug	Cl. 9.1.6 of IS 616:2017 / IEC 60065: 2014
47.	Television	Power consumption in - active mode, method of measurement for the power consumption of audio, video and related equipment	BEE Schedule 11/ IEC 62087 (P1-P6): 2015



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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	IT Equipment		
1.	Desk top computers/notebook computers	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.	Desk top computers/notebook computers	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.	Desktop and notebook computers	Measurement of energy consumption	BEE Schedule 14/ Energy Star Program requirements for Computers Ver 8.0/ IEC 62623: 2022
4.	Information technology equipment	Clearances, creepage distances and distance through insulation,	Cl. 2.10 of IS 13252 (Part 1) (A1: 2013 + A2: 2015):2010 / IEC 60950 - 1 (A1:2009+A2:2013): 2005
5.	Information technology equipment	Clearances, creepage distances and distance through insulation,	Cl. 2.10 of UL 60950-1 Edition 2 (Rev.: 2011, 2014, 2019): 2007
6.	Information technology equipment	Connection to telecommunication networks,	Cl. 6 of UL 60950-1 Edition 2 (Rev.: 2011, 2014, 2019): 2007
7.	Information technology equipment	Connection to telecommunication networks,	Cl. 6 of IS 13252 (Part-1) (A1:2013+ A2:2015): 2010 / IEC 60950-1 (AMD1:2009+AMD2:2013): 2005
8.	Information technology equipment	Design and construction	Cl. 4.3 of IS 13252 (Part-1) (A1:2013+ A2:2015): 2010 / IEC 60950-1 (AMD1:2009+AMD2:2013): 2005
9.	Information technology equipment	Design and construction	Cl. 4.3 of UL 60950-1 Edition 2 (Rev.: 2011, 2014, 2019): 2007
10.	Information technology equipment	Discharge of capacitors in equipment	Cl. 2.1.1.7 of IS 13252 (Part-1) (A1: 2013 + A2:2015): 2010 / IEC 60950-1 (AMD1:2009+AMD2:2013): 2005



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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	IT Equipment		
11.	Information technology equipment	Discharge of capacitors in equipment	Cl. 2.1.1.7 of UL 60950-1 Edition 2 (Rev.: 2011, 2014, 2019): 2007
12.	Information technology equipment	Electric strength	Cl. 5.2 of UL 60950-1 Edition 2 (Rev.: 2011, 2014, 2019): 2007
13.	Information technology equipment	Electric strength	Cl. 5.2 of IS 13252 (Part-1) (A1:2013+ A2:2015): 2010 / IEC 60950-1 (AMD1:2009+AMD2:2013): 2005
14.	Information technology equipment	Electrical insulation	Cl. 2.9 of UL 60950-1 Edition 2 (Rev.: 2011, 2014, 2019): 2007
15.	Information technology equipment	Electrical insulation	Cl. 2.9 of IS 13252 (Part-1) (A1:2013+ A2:2015): 2010 / IEC 60950-1 (AMD1:2009+AMD2:2013): 2005
16.	Information technology equipment	Guidance on protection against ingress of water	Annex T 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
17.	Information technology equipment	Household and home/office document/media shredders,	Annex EE of IS 13252 (Part-1) (A1:2013+ A2:2015): 2010 / IEC 60950-1 (AMD1:2009+AMD2:2013): 2005
18.	Information technology equipment	Impulse test	Cl.7.4.3 of IS 13252 (Part-1) (A1:2013+ A2:2015): 2010 / IEC 60950-1 (AMD1:2009+AMD2:2013): 2005
19.	Information technology equipment	Impulse test	Cl.7.4.3 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		
20.	Information technology equipment	Limited current circuits	Cl. 2.4 of IS 13252 (Part-1) (A1:2013+ A2:2015): 2010 / IEC 60950-1 (AMD1:2009+AMD2:2013): 2005
21.	Information technology equipment	Limited current circuits	Cl. 2.4 of UL 60950-1 Edition 2 (Rev.: 2011, 2014, 2019): 2007
22.	Information technology equipment	Limited power source	Cl. 2.5 of UL 60950-1 Edition 2 (Rev.: 2011, 2014, 2019): 2007
23.	Information technology equipment	Limited power source	Cl. 2.5 of IS 13252 (Part-1) (A1:2013+ A2:2015): 2010 / IEC 60950-1 (AMD1:2009+AMD2:2013): 2005
24.	Information technology equipment	Mandrel test	Annex AA 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
25.	Information technology equipment	Marking and instruction	Cl. 1.7 of UL 60950-1 Edition 2 (Rev.: 2011, 2014, 2019): 2007
26.	Information technology equipment	Marking and instruction	Cl. 1.7 of IS 13252 (Part-1) (A1:2013+ A2:2015): 2010 / IEC 60950-1 (AMD1:2009+AMD2:2013): 2005
27.	Information technology equipment	Mechanical strength	Cl. 4.2 of IS 13252 (Part-1) (A1:2013+ A2:2015): 2010 / IEC 60950-1 (AMD1:2009+AMD2:2013): 2005
28.	Information technology equipment	Mechanical strength	Cl. 4.2 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		
29.	Information technology equipment	Opening in enclosure	Cl.4.6 of IS 13252 (Part-1) (A1:2013+ A2:2015): 2010 / IEC 60950-1 (AMD1:2009+AMD2:2013): 2005
30.	Information technology equipment	Opening in enclosure	Cl. 4.6 of UL 60950-1 Edition 2 (Rev.: 2011, 2014, 2019): 2007
31.	Information technology equipment	Over current and earth fault protection in primary circuit	Cl.2.7 of UL 60950-1 Edition 2 (Rev.: 2011, 2014, 2019): 2007
32.	Information technology equipment	Over current and earth fault protection in primary circuit	Cl. 2.7 of IS 13252 (Part-1) (A1:2013+ A2:2015): 2010 / IEC 60950-1 (AMD1:2009+AMD2:2013): 2005
33.	Information technology equipment	Power interface	Cl. 1.6 of UL 60950-1 Edition 2 (Rev.: 2011, 2014, 2019): 2007
34.	Information technology equipment	Power interface	Cl. 1.6 of IS 13252 (Part-1) (A1:2013+ A2:2015): 2010 / IEC 60950-1 (AMD1:2009+AMD2:2013): 2005
35.	Information technology equipment	Protection against hazardous moving parts	Cl. 4.4 & Annex B of IS 13252 (Part-1) (A1:2013+ A2:2015): 2010 / IEC 60950-1 (AMD1:2009+AMD2:2013): 2005
36.	Information technology equipment	Protection against hazardous moving parts	Cl. 4.4 & Annex B of UL 60950-1 Edition 2 (Rev.: 2011, 2014, 2019): 2007
37.	Information technology equipment	Protection from electric shock and energy hazards	Cl. 2.1 of UL 60950-1 Edition 2 (Rev.: 2011, 2014, 2019): 2007
38.	Information technology equipment	Protection from electric shock and energy hazards	Cl. 2.1 of IS 13252 (Part-1) (A1:2013+ A2:2015): 2010 / IEC

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	IT Equipment		
			60950-1 (AMD1:2009+AMD2:2013): 2005
39.	Information technology equipment	Provision for earthing and bonding	Cl.2.6 of UL 60950-1 Edition 2 (Rev.: 2011, 2014, 2019): 2007
40.	Information technology equipment	Provision for earthing and bonding	Cl.2.6 of IS 13252 (Part-1) (A1:2013+ A2:2015): 2010 / IEC 60950-1 (AMD1:2009+AMD2:2013): 2005
41.	Information technology equipment	Requirements for the mounting means of rack-mounted equipment	Annex DD of IS 13252 (Part-1) (A1:2013+ A2:2015): 2010 / IEC 60950-1 (AMD1:2009+AMD2:2013): 2005
42.	Information technology equipment	Resistance to fire	Cl. 4.7 of IS 13252 (Part-1) (A1:2013+ A2:2015): 2010 / IEC 60950-1 (AMD1:2009+AMD2:2013): 2005
43.	Information technology equipment	Resistance to fire	Cl. 4.7 of UL 60950-1 Edition 2 (Rev.: 2011, 2014, 2019): 2007
44.	Information technology equipment	Safety interlocks	Cl. 2.8 of IS 13252 (Part-1) (A1:2013+ A2:2015): 2010 / IEC 60950-1 (AMD1:2009+AMD2:2013): 2005
45.	Information technology equipment	Safety interlocks	Cl. 2.8 of UL 60950-1 Edition 2 (Rev.: 2011, 2014, 2019): 2007
46.	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
47.	Information technology equipment	Selv circuits	Cl. 2.2.2, Cl. 2.2.3, Cl. 2.2.4 of IS 13252 (Part-1) (A1:2013+ A2:2015):

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	IT Equipment		
			2010 / IEC 60950-1 (AMD1:2009+AMD2:2013): 2005
48.	Information technology equipment	Stability	Cl. 4.1 of UL 60950-1 Edition 2 (Rev.: 2011, 2014, 2019): 2007
49.	Information technology equipment	Stability	Cl. 4.1 of IS 13252 (Part-1) (A1:2013+ A2:2015): 2010 / IEC 60950-1 (AMD1:2009+AMD2:2013): 2005
50.	Information technology equipment	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
51.	Information technology equipment	Thermal requirement resistance to abnormal heat	Cl. 4.5 of UL 60950-1 Edition 2 (Rev.: 2011, 2014, 2019): 2007
52.	Information technology equipment	Thermal requirement resistance to abnormal heat	Cl. 4.5 of IS 13252 (Part-1) (A1:2013+ A2:2015): 2010 / IEC 60950-1 (AMD1:2009+AMD2:2013): 2005
53.	Information technology equipment	TNV circuits	Cl. 2.3 & Annex M of UL 60950-1 Edition 2 (Rev.: 2011, 2014, 2019): 2007
54.	Information technology equipment	Touch current & protective conductor current	Cl. 5.1 of UL 60950-1 Edition 2 (Rev.: 2011, 2014, 2019): 2007
55.	Information technology equipment	Touch current & protective conductor current	Cl. 5.1 of IS 13252 (Part-1) (A1:2013+ A2:2015): 2010 / IEC 60950-1 (AMD1:2009+AMD2:2013): 2005



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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	IT Equipment		
56.	Information technology equipment	Voltage surge test	Cl. 7.4.2 of IS 13252 (Part-1) (A1:2013+ A2:2015): 2010 / IEC 60950-1 (AMD1:2009+AMD2:2013): 2005
57.	Information technology equipment	Voltage surge test	Cl. 7.4.2 of UL 60950-1 Edition 2 (Rev.: 2011, 2014, 2019): 2007
58.	Information technology equipment	Wiring connections & supply,	Cl. 3.0 to Cl. 3.5 of IS 13252 (Part-1) (A1:2013+ A2:2015): 2010 / IEC 60950-1 (AMD1:2009+AMD2:2013): 2005
59.	Information technology equipment	Abnormal operating and fault conditions	Cl. 5.3 & Annex C 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
60.	Information technology equipment	Components, (by verification of data only)	Cl. 1.5 of UL 60950-1 Edition 2 (Rev.: 2011, 2014, 2019): 2007
61.	Information technology equipment	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 / UL 60950-1 Edition 2 (Rev.: 2011, 2014, 2019): 2007
62.	Information technology equipment	Guidance on protection against ingress of water	Annex T 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
63.	Information technology equipment	TNV circuits	Cl. 2.3 & Annex M of IS 13252 (Part-1) (A1:2013+ A2:2015): 2010 / IEC



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	IT Equipment		
			60950-1 (AMD1:2009+AMD2:2013): 2005
64.	Information technology equipment	Components (by verification of data only)	Cl. 1.5 of IS 13252 (Part-1) (A1:2013+ A2:2015): 2010 / IEC 60950-1 (AMD1:2009+AMD2:2013): 2005
65.	Information technology equipment	Resistance to fire	Cl. 4.7 & Annex A 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
66.	Information technology equipment	Wiring connections & supply	Cl. 3.0 to Cl. 3.5 of UL 60950-1 Edition 2 (Rev.: 2011, 2014, 2019): 2007
67.	IT equipment's/ network equipment/audio/video equipment's	Accessibility to electrical energy sources and safeguards	Cl. 5.3.2 of UL 62368-1 (Ed-3): 2019
68.	IT equipment's/ network equipment/audio/video equipment's	Requirements for protective bonding conductors	Cl. 5.6.4 of IEC 62368-1:2023
69.	IT equipment's/ network equipment/audio/video equipment's	Requirements for protective bonding conductors	Cl. 5.6.4 of UL 62368-1 (Ed-3): 2019
70.	IT equipment's/ network equipment/audio/video equipment's	Accessibility to electrical energy sources and safeguards	Cl. 5.3.2 of IEC 62368-1:2023
71.	IT equipment's/ network equipment/audio/video equipment's	Antenna terminal insulation	Cl. 5.4.5 of UL 62368-1 (Ed-3): 2019

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	IT Equipment		
72.	IT equipment's/ network equipment/audio/video equipment's	Antenna terminal insulation	Cl. 5.4.5 of IEC 62368-1:2023
73.	IT equipment's/ network equipment/audio/video equipment's	Capacitor discharge after disconnection of a connector	Cl. 5.5.2.2 of IEC 62368-1:2023
74.	IT equipment's/ network equipment/audio/video equipment's	Charging safeguards; check of the charge/ discharge function	Annex M.4.2, Annex M.4.4.4 of IEC 62368-1:2023
75.	IT equipment's/ network equipment/audio/video equipment's	Charging safeguards; check of the charge/ discharge function	Annex M.4.2, Annex M.4.4.4 of UL 62368-1 (Ed-3): 2019
76.	IT equipment's/ network equipment/audio/video equipment's	Determining the adequacy of a clearance using an electric strength test, creepage distance solid insulation	Cl. 5.4.2.4, Cl. 5.4.3, Cl. 5.4.4 of IEC 62368-1:2023
77.	IT equipment's/ network equipment/audio/video equipment's	Clearance, creepage distance, solid insulation	Cl. 5.4.2.4, Cl. 5.4.3, Cl. 5.4.4) of IEC 62368-1:2023
78.	IT equipment's/ network equipment/audio/video equipment's	Drop test	Annex T 7 of IEC 62368-1:2023
79.	IT equipment's/ network equipment/audio/video equipment's	Drop test	Annex T 7 of UL 62368-1 (Ed-3): 2019
80.	IT equipment's/ network equipment/audio/video equipment's	Electric strength test	Cl. 5.4.9 of IEC 62368-1:2023

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	IT Equipment		
81.	IT equipment's/ network equipment/audio/video equipment's	Electric strength test	Cl.5.4.9 of UL 62368-1 (Ed-3): 2019
82.	IT equipment's/ network equipment/audio/video equipment's	Enclosure impact test	Annex T6 of UL 62368-1 (Ed.-3): 2019
83.	IT equipment's/ network equipment/audio/video equipment's	Enclosure impact test	Annex T6 of IEC 62368-1:2023
84.	IT equipment's/ network equipment/audio/video equipment's	Equipment containing work cells with ms3 parts	Cl. 8.5.4.2 of IEC 62368-1:2023
85.	IT equipment's/ network equipment/audio/video equipment's	Equipment containing work cells with ms3 parts	Cl. 8.5.4.2 of UL 62368-1 (Ed-3): 2019
86.	IT equipment's/ network equipment/audio/video equipment's	Equipment for direct insertion into mains socket-outlets	Cl. 4.7 of IEC 62368-1:2023
87.	IT equipment's/ network equipment/audio/video equipment's	Equipment for direct insertion into mains socket-outlets	Cl.4.7 of UL 62368-1 (Ed-3): 2019
88.	IT equipment's/ network equipment/audio/video equipment's	Equipment/ products containing coin/ button cell batteries	Cl.4.8 of IEC 62368-1:2023
89.	IT equipment's/ network equipment/audio/video equipment's	Equipment/ products containing coin/ button cell batteries	Cl. 4.8 of UL 62368-1 (Ed-3): 2019



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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	IT Equipment		
90.	IT equipment's/ network equipment/audio/video equipment's	Glass impact test	Annex T9 of UL 62368-1 (Ed-3): 2019
91.	IT equipment's/ network equipment/audio/video equipment's	Glass impact test	Annex T 9 of IEC 62368-1:2023
92.	IT equipment's/ network equipment/audio/video equipment's	Glass slide test	Cl. 8.6.4 of IEC 62368-1:2023
93.	IT equipment's/ network equipment/audio/video equipment's	Glass slide test	Cl. 8.6.4 of UL 62368-1 (Ed-3): 2019
94.	IT equipment's/ network equipment/audio/video equipment's	Horizontal force test & compliance criteria	Cl. 8.6.5 of IEC 62368-1:2023
95.	IT equipment's/ network equipment/audio/video equipment's	Horizontal force test & compliance criteria	Cl. 8.6.5 of UL 62368-1 (Ed-3): 2019
96.	IT equipment's/ network equipment/audio/video equipment's	Humidity conditioning	Cl.5.4.8 of IEC 62368-1:2023
97.	IT equipment's/ network equipment/audio/video equipment's	Humidity conditioning	Cl. 5.4.8 of UL 62368-1 (Ed-3): 2019
98.	IT equipment's/ network equipment/audio/video equipment's	Insulated winding wires for use without interleaved insulation	Annex-J of IEC 62368-1:2023

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	IT Equipment		
99.	IT equipment's/ network equipment/audio/video equipment's	Insulated winding wires for use without interleaved insulation	Annex-J of UL 62368-1 (Ed-3): 2019
100.	IT equipment's/ network equipment/audio/video equipment's	Maximum operating temperatures for materials, components and systems	Cl.5.4.1.4 of IEC 62368-1:2023
101.	IT equipment's/ network equipment/audio/video equipment's	Maximum operating temperatures for materials, components and systems	Cl. 5.4.1.4 of UL 62368-1 (Ed-3): 2019
102.	IT equipment's/ network equipment/audio/video equipment's	Mechanical energy source classifications	Cl. 8.2 of IEC 62368-1:2023
103.	IT equipment's/ network equipment/audio/video equipment's	Mechanical energy source classifications	Cl. 8.2 of UL 62368-1 (Ed-3): 2019
104.	IT equipment's/ network equipment/audio/video equipment's	Mechanical strength tests	Annex-T of IEC 62368-1:2023
105.	IT equipment's/ network equipment/audio/video equipment's	Mechanical strength tests	Annex-T of UL 62368-1 (Ed-3): 2019
106.	IT equipment's/ network equipment/audio/video equipment's	Metallized coatings and adhesives securing parts	Annex P.4 of IEC 62368-1:2023
107.	IT equipment's/ network equipment/audio/video equipment's	Metallized coatings and adhesives securing parts	Annex P.4 of UL 62368-1 (Ed-3): 2019



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	IT Equipment		
108.	IT equipment's/ network equipment/audio/video equipment's	Power source circuit classification	Cl. 6.2.2 of IEC 62368-1:2023
109.	IT equipment's/ network equipment/audio/video equipment's	Power source circuit classification	Cl. 6.2.2 of UL 62368-1 (Ed-3): 2019
110.	IT equipment's/ network equipment/audio/video equipment's	Prospective touch voltage touch current and protective conductor current	Cl. 5.7 of UL 62368-1 (Ed-3): 2019
111.	IT equipment's/ network equipment/audio/video equipment's	Prospective touch voltage touch current and protective conductor current	Cl. 5.7 of IEC 62368-1:2023
112.	IT equipment's/ network equipment/audio/video equipment's	Protection against energy sources	Cl. 4.3 of UL 62368-1 (Ed-3): 2019
113.	IT equipment's/ network equipment/audio/video equipment's	Protection against energy sources	Cl. 4.3 of IEC 62368-1:2023
114.	IT equipment's/ network equipment/audio/video equipment's	Safeguard against short circuit	Annex M.6; M.6.1; M. 6.2 of IEC 62368-1:2023
115.	IT equipment's/ network equipment/audio/video equipment's	Safeguard against short circuits	Annex M.6; Annex M.6.1; Annex M.6.2 of UL 62368-1 (Ed-3): 2019
116.	IT equipment's/ network equipment/audio/video equipment's	Safeguards	Cl.4.4 of IEC 62368-1:2023



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	IT Equipment		
117.	IT equipment's/ network equipment/audio/video equipment's	Safeguards	Cl. 4.4 of UL 62368-1 (Ed-3): 2019
118.	IT equipment's/ network equipment/audio/video equipment's	Safeguards against entry or consequences of entry of solid foreign objects	Annex P. 2 of IEC 62368-1:2023
119.	IT equipment's/ network equipment/audio/video equipment's	Safeguards against entry or consequences of entry of solid foreign objects	Annex P. 2 of UL 62368-1 (Ed-3): 2019
120.	IT equipment's/ network equipment/audio/video equipment's	Safeguards against transient voltages from external circuits	Cl. 5.4.10 of IEC 62368-1:2023
121.	IT equipment's/ network equipment/audio/video equipment's	Safeguards against transient voltages from external circuits	Cl. 5.4.10 of UL 62368-1 (Ed-3): 2019
122.	IT equipment's/ network equipment/audio/video equipment's	Separation between external circuits and earth	Cl. 5.4.11 of IEC 62368-1:2023
123.	IT equipment's/ network equipment/audio/video equipment's	Separation between external circuits and earth	Cl. - 5.4.11 of UL 62368-1 (Ed-3): 2019
124.	IT equipment's/ network equipment/audio/video equipment's	Single pulse limits	Cl. 5.2.2.4 of IEC 62368-1:2023
125.	IT equipment's/ network equipment/audio/video equipment's	Single pulse limits	Cl. 5.2.2.4 of UL 62368-1 (Ed-3): 2019



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	IT Equipment		
126.	IT equipment's/ network equipment/audio/video equipment's	Static stability	Cl. 8.6.2 of IEC 62368-1:2023
127.	IT equipment's/ network equipment/audio/video equipment's	Static stability	Cl. 8.6.2 of UL 62368-1 (Ed-3): 2019
128.	IT equipment's/ network equipment/audio/video equipment's	Steady force test (10 N; 100N)	Annex T.2 & Annex T.4 of IEC 62368-1:2023
129.	IT equipment's/ network equipment/audio/video equipment's	Steady force test (10 N; 100N)	Annex T.2 & Annex T.4 of UL 62368-1 (Ed-3): 2019
130.	IT equipment's/ network equipment/audio/video equipment's	Steady force test (250 N)	Annex T5 of UL 62368-1 (Ed-3): 2019
131.	IT equipment's/ network equipment/audio/video equipment's	Steady force test (250 N)	Annex T5 of IEC 62368-1:2023
132.	IT equipment's/ network equipment/audio/video equipment's	Steady-state voltage and current limits	Cl.5.2.2.2 of IEC 62368-1:2023
133.	IT equipment's/ network equipment/audio/video equipment's	Steady-state voltage and current limits	Cl. 5.2.2.2 of UL 62368-1 (Ed-3): 2019
134.	IT equipment's/ network equipment/audio/video equipment's	Stress relief test	Annex T8 of UL 62368-1 (Ed-3): 2019



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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	IT Equipment		
135.	IT equipment's/ network equipment/audio/video equipment's	Stress relief test	Annex T8 of IEC 62368-1:2023
136.	IT equipment's/ network equipment/audio/video equipment's	Test method 5 – terminals intended to be used by an ordinary person	Annex V.1.6 of IEC 62368-1:2023
137.	IT equipment's/ network equipment/audio/video equipment's	Test method 5 – terminals intended to be used by an ordinary person	Annex V.1.6 of UL 62368-1 (Ed-3): 2019
138.	IT equipment's/ network equipment/audio/video equipment's	Tests for resistance to heat and fire	Annex S of UL 62368-1 (Ed-3): 2019
139.	IT equipment's/ network equipment/audio/video equipment's	Tests for resistance to heat and fire	Annex S of IEC 62368-1:2023
140.	IT equipment's/ network equipment/audio/video equipment's	Thermal cycling test procedure	Cl. 5.4.1.5.3 of UL 62368-1 (Ed-3): 2019
141.	IT equipment's/ network equipment/audio/video equipment's	Thermal cycling test procedure	Cl. 5.4.1.5.3 of IEC 62368-1:2023
142.	IT equipment's/ network equipment/audio/video equipment's	Thermoplastic parts on which conductive metallic parts are directly mounted	Cl.5.4.1.10 of IEC 62368-1:2023
143.	IT equipment's/ network equipment/audio/video equipment's	Thermoplastic parts on which conductive metallic parts are directly mounted	Cl.5.4.1.10 of UL 62368-1 (Ed-3) : 2019



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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	IT Equipment		
144.	IT equipment's/ network equipment/audio/video equipment's	Top openings and top openings properties	Cl. 6.4.8.3.3 of IEC 62368-1:2023
145.	IT equipment's/ network equipment/audio/video equipment's	Top openings and top openings properties	Cl. 6.4.8.3.3 of UL 62368-1 (Ed-3): 2019
146.	IT equipment's/ network equipment/audio/video equipment's	Capacitor discharge after disconnection of a connector	Cl. 5.5.2.2 of UL 62368-1 (Ed-3): 2019
147.	IT equipment's/ network equipment/audio/video equipment's	Equipment markings, instructions, and instructional safeguards	Annex F of IEC 62368-1:2023
148.	IT equipment's/ network equipment/audio/video equipment's	Normal operating condition tests, abnormal operating condition tests and single fault condition test	Annex B of IEC 62368-1:2023
149.	IT equipment's/ network equipment/audio/video equipment's	Components (by verification of data only)	Cl. 1.5 of IEC 62368-1:2023
150.	IT equipment's/ network equipment/audio/video equipment's	Test generators	Annex D of IEC 62368-1:2023
151.	Mobile phone language	Indian language support for mobile handsets	IS 16333 (Part 3): 2022
152.	Tv, desktop computer, laptop, external power adapter, battery charger, audio equipment, combination units' office equipment's (printers,	Measurement of stand-by power- household electrical appliances	BEE Schedule 16/ IEC 62301 (2nd Edition): 2011: 2011

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Valid Until: 16 July 2026

Accreditation Standard: ISO/IEC 17025:2017

Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	IT Equipment		
	scanners, copiers, fax machines and multi-function devices)		
153.	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-for household electrical appliances	BEE Schedule 16/ IEC 62301 (2nd Edition): 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 and Leather Products		
1.	Leather & footwear	Seam strength	Cl. 5.3.6 of ISO 20347: 2021
2.	Leather & footwear	Seam strength	Cl. 5.3.7 of BS EN ISO 20345:2022/ BS EN ISO 20346:2022 / Cl. 5.25 of BS EN ISO 20344:2021 /Cl. 5.3.6 of BS EN ISO 20347:2022/ Cl 5.25 of ISO 20344: 2021
3.	Leather & footwear	Seam strength	Cl. 5.3.7 of ISO 20345: 2021
4.	Leather & footwear	Seam strength	Cl. 5.3.7 of ISO 20346: 2021
5.	Whole footwear	Heat insulation of sole complex	Cl. 5.16 of BS EN ISO 20344:2021 ; Cl. 6.2.3.2 of IS 15298-3:2018 / BS EN ISO 20345:2022 / BS EN ISO 20346:2022/ BS EN ISO 20347:2022 /Cl. 5.15 of ISO 20344:2021, IS 15298-1:2015, Cl. 5.12 of SASO ISO 20344:2011, IS 15298-2 (A1 & A2: 2019):2016 / Cl. 6.2.3.1 of IS 15298- 4(A1 & A2: 2019): 2017, ISO 20345:2021, SASO ISO 20345:2011, ISO 20346:2021, ISO 20347:2021, SASO ISO 20346:2004, SASO ISO 20347:2012/ Cl. 4.5.6 of IS 17043 (A1:2021):2018, IS 17012:2018, Cl. 4.5.8 of IS 17037 (A1:2021) : 2018
6.	Whole footwear	Scuff cap abrasion	Cl. 5.24 of ISO 20344:2021/ BS EN ISO 20344:2021/ Cl. 6.2.9 of ISO 20345:2021/ BS EN ISO 20345:2022/ ISO 20346:2021/ BS EN ISO 20346:2022/ Cl. 6.2.8 of ISO 20347:2021/ BS EN ISO 20347: 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 and Leather Products		
7.	"Leather & footwear - upper/lining/ collar/tongue material"	Resistance to fuel oil	Cl. 6.4.2 of BS EN ISO 20345:2022/ BS EN ISO 20346:2022 / BS EN ISO 20347:2022/ Cl. 8.8 of BS EN ISO 20344:2021 /Cl. 6.4.2 of ISO 20345:2021/ SASO ISO 20345:2011/ ISO 20346:2021/ 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
8.	"Leather & footwear - upper/ lining/ collar/tongue material"	Resistance to fuel oil	Cl. 8.6 of ISO 20344:2021/SASO ISO 20344: 2011
9.	Gloves	Abrasion resistance	Cl. 6.1 of BS EN 388:2016+A1:2018/ Cl. 5.1 of EN 12477: 2001
10.	Gloves	Blade cut resistance	Cl. 6.2 of BS EN 388:2016+A1:2018/ Cl. 5.2 of EN 12477: 2001
11.	Gloves	Dexterity	Cl. 5.2 of BS EN ISO 21420: 2020
12.	Gloves	Dexterity	Cl. 5.9 of EN 12477: 2001
13.	Gloves	Glove design and construction — general	Cl. 4.1 of BS EN ISO 21420: 2020
14.	Gloves	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
15.	Gloves	Puncture resistance	Cl. 6.4 of BS EN 388:2016+A1:2018/ Cl. 5.4 of EN 12477: 2001



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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 and Leather Products		
16.	Gloves	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
17.	Gloves	Water vapour absorption (leather materials)	Cl. 5.3.2 of BS EN ISO 21420: 2020
18.	Gloves	Water vapour transmission (leather materials)	Cl. 5.3.1 of BS EN ISO 21420: 2020
19.	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 (A1: 1999 + A2: 2001 + A3: 2003 + A4: 2004): 1996
20.	Leather & footwear	Marking/packing	SASO ISO 20346:2007, Cl. 5 of IS 3735 (A1: 1999 + A2: 2001 + A3: 2003 + A4: 2004) :1996, Cl. 6 of IS 5676:1995, Cl. 6 of IS 10702 (A1: 1999 + A2: 2004):1992, Cl. 4 of IS 11544:1986, Cl. 6 of IS 12254: 1993
21.	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
22.	Leather & footwear	Abrasion resistance to lace	Cl. 3.9, Annex N of IS 15844 (A1: 2019):2010, SATRA TM 154-2018, ISO 22774: 2004
23.	Leather & footwear	Breaking load and tag retention	Cl. 8.14, 14.14 of IS 1989-1 (A1: 1988 + A2: 1995 + A3: 1998 + A4: 2003): 1986/ IS 1989-2 (A1: 1988 + A2:

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
			1999): 1986, IS 1969 (Part 1): 2009 or IS 1969 (Part 2): 2018, Cl. 4.1.5 of IS 3735 (A1: 1999 + A2: 2001 + A3: 2003 + A4: 2004): 1996
24.	Leather & footwear	Breaking load and tag retention	Cl. 3.9, Annex H of IS 15844:2010, Cl. 5.2.3 (Annex C), 5.2.8.2 of IS 3976 (A1: 2021): 2018, Cl. 7.3 of IS 5557 Part 2 (A1: 2020): 2018, Cl. 8 (Annex C) of IS 16694: 2018
25.	Leather & footwear	Breaking load and tag retention	Cl. 4.16.2 of IS 17012:2018, Cl. 4.16.2 of IS 17037 (A1: 2021): 2018, Cl. 4.15.2 of IS 17043 (A1: 2021): 2018, Cl. 3.7 of BS 5131:1991, SATRA TM 94: 2018
26.	Leather & footwear	Breaking load and tag retention	Cl. 4.1.5.1 of IS 3736 (A1: 1999 + A2: 2001 + A3: 2003): 1995, IS 15844 (A1:2019):2010 Annex H, Cl. 4.13 of IS 17012:2018, Cl. 4.13 of IS 17037 (A1: 2021): 2018, Cl. 4.12 of IS 17043 (A1: 2021): 2018, Cl. 4.2.2 of IS 12254: 1993
27.	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 TM173:1995,

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
			ISO 11640:2018, Cl.5.2.1 of IS 14544:1998, Cl.3.5 of IS 5677 (A1:1993+A2:2021): 1986
28.	Leather & footwear	Colour fastness to rubbing/crocking	IS 6191 (LF:9, LF 10): 1971, SATRA TM8 2004, SATRA TM167-2017, Cl. 5.2.1 of IS 11226 (A1: 1994 + A2: 1998): 1993, Cl. 3.4, 3.9 Annex J of IS 15844 (A1: 2019): 2010
29.	Leather & footwear	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
30.	Leather & footwear	Hydrolysis for 168 h at 70° c -95 Rh	IS 15298-3:2018/IS 15298-2 (A1&A2: 2019):2016/SASO ISO 20347:2012/ ISO 20347:2021/SASO ISO 20346:2004/ ISO 20346:2021/ SASO ISO 20345:2011/ISO 20345:2021, Cl.6.10 of SASO ISO 20344:2012/IS 15298-1:2015; Cl. 7.3.1 of IS 16994: 2018
31.	Leather & footwear	Design	Cl. 9, 15 of IS 1989-1 (A1: 1988 + A2: 1995 + A3: 1998 + A4: 2003): 1986/ IS 1989-2 (A1: 1988 + A2: 1999):

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
			1986, Cl. 5.4 of IS 11226 (A1: 1994 + A2: 1998): 1993
32.	Leather & footwear	Marking/packing	Cl. 11.1 of IS 5557 Part 2 (A1: 2020): 2018, Cl. 10 & 11 of IS 3976 (A1: 2021): 2018, Cl. 7 & 8 of IS 11226 (A1: 1994 + A2: 1998) :1993, Cl. 5 & 6 of IS 6664:1992, Cl. 4 of IS 6719:1972, Cl. 6 & 7 of IS 6721:1972, Cl. 5 of IS 13893:1994, Cl. 8 of IS 17012: 2018
33.	Leather & footwear	Marking/packing	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
34.	Leather & footwear	Marking/packing	Cl. 7 of IS 15298-4 (A1& A2: 2019): 2017, Cl. 7 of IS 15298-3:2018, Cl. 7 of IS 15298-2 (A1& A2: 2019): 2016, Cl. 7 of IS 17043 (A1:2021):2018, Cl. 7 of IS 17037 (A1: 2021):2018, Cl. 7 of IS 14544: 1998
35.	Leather & footwear	Material and length	Cl. 7.16.1 of IS 17012:2018, Cl. 4.16.1 of IS 17037 (A1: 2021):2018, Cl. 4.15.1 of IS 17043(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. 5.2 of IS 10702

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
			(A1: 1999 + A2: 2004): 1992, Cl. 4.2.2 of IS 12254:1993, Cl. 5.2.6, 5.2.8.1 of IS 3976 (A1: 2021): 2018
36.	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
37.	Leather & footwear	Seam strength	ISO 17697:2016 Method B, SASO ISO 17697:2016 Method B, SATRA TM180: 2016
38.	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: 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 TMS 2000, BS EN ISO 23910: 2019
39.	Leather & footwear	Straps/toe-post attachment / breaking	SATRA TM 120:2021, BS 5131, SATRA TM 118:1992, ISO 24263:2020, Cl. 5.4 Annex H Table 3 of IS 10702 (A1: 1999 +A2: 2004): 1992

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
40.	Leather & footwear	Strength of buckle/ trims /bows/puller attachment	SATRA TM 117:1992, SATRA TM 141: Jul 1994 (2018), 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
41.	Leather & footwear	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
42.	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; 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; Cl. no. 4.6.1, 4.7.1, 4.7.2, 4.11.1, 4.12.1, 4.8.1, 4.9.1, 4.13.1, 4.14 of IS 17043 (A1:2021) : 2018
43.	Leather & footwear - design	Height of upper	Cl.6.2 of BS EN ISO 20344: 2021/ISO 20344:2021/ SASO ISO 20344:2011/IS 15298-1:2015, Cl. 5.2.2 of ISO 20345:2021/ SASO ISO 20345:2011/ ISO 20346:2021/ ISO

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
			20347:2021/ SASO ISO 20347:2012/ IS 15298-2(A1 & A2: 2019): 2016/ IS 15298-3:2018/ IS 15298-4 (A1 & A2: 2019):2017, Cl. 5.2.1 of SASO ISO 20346: 2004
44.	Leather & footwear - design	Height of upper	Cl. 5.2.2 of BS EN ISO 20345:2022/ BS EN ISO 20346:2022 /BS EN ISO 20347:2022 /Cl. 4.4 of IS 17012:2018/ IS 17037 (A1: 2021): 2018/ IS 17043 (A1: 2021): 2018, Cl. 4.3 of 3736 (A1: 1999 + A2: 2001 + A3: 2003):1995, Cl. 5.11 Table 4 of IS 12254:1993, Cl. 8.1 of IS 16694:2018, Cl. 8.3 of IS 5557 Part 2 (A1: 2020): 2018, Cl. 5.6 of IS 3976 (A1: 2021): 2018
45.	Leather & footwear - design	Seat region (design a, b, c, d, e)	Cl. 5.2.3 of BS EN ISO 20345:2022/ BS EN ISO 20346:2022 /BS EN ISO 20347:2022 / Cl. 5.2.3 of ISO 20345:2021/ SASO ISO 20345:2011/ ISO 20346:2021/ 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
46.	Leather & footwear - design	Size	Cl. 4.3.1 of IS 17012:2018/ IS 17037 (A1: 2021):2018/ IS 17043(A1: 2021): 2018, Cl. 5.4 of IS 5676:1995, Cl. 5.1.7 of IS 13995:1995, Cl. 5.1.2

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
			of IS 5557:2004, Cl. 6 of IS 5557 Part 2 (A1: 2020): 2018
47.	Leather & footwear - design	Weight/ mass	Cl. 4.3.2 of IS 17012:2018/IS 17037 (A1:2021): 2018/ IS 17043 (A1:2021): 2018, 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 (A1:1999+A2:2001+A3:2003+A4:2004): 1996/ IS 3736 (A1:1999+A2:2001+A3: 2003): 1995, Cl. 5.5 of IS 3976 (A1:2021): 2018/IS 11226 (A1:1994+A2:1998):1993/ IS 14544: 1998
48.	Leather & footwear - toe puff and counter stiffener	Shape retention	Cl. 3.10, Annex M of IS 15844 (A1: 2019): 2010
49.	Leather & footwear - sole material	Hardness durometer shore a	ISO 868:2003, SASO ISO 868:2003, SATRA TM205:(16)2017, Cl. 4.14.6 of IS 17012:2018, Cl. 4.14.4 of IS 17037 (A1: 2021): 2018, Cl. 4.13.4 of IS 17043 (A1: 2021): 2018, Cl. 4.1.3, 8.3, Annex B,C of IS 6664:1992, Cl. 5.4, 5.5 Annex C, Table3 of IS 10702 (A1: 1999 + A2: 2004):1992, 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:

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
			1998):1993, Cl. 5.2.11, Table 2 of IS 14544: 1998
50.	Leather & footwear - sole material	Hardness IRHD	Cl. 5.2.11, Table1 of IS 14544:1998, Cl. 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. 4.1 Appendix A-2 of IS 6721: 1972
51.	Leather & footwear - sole material	Hardness IRHD	Cl. 3.6.1 of IS 6719:1972, Cl. 5.7 of IS 5676:1995, 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 (A1: 1999 + A2: 2001 + A3: 2003 + A4: 2004): 1996
52.	Leather & footwear - sole material	Abrasion resistance	Cl. 5.8.4 of BS EN ISO 20345:2022/ BS EN ISO 20346:2022 / BS EN ISO 20347:2022/Cl. 8.4 of BS EN ISO 20344: 2021/ Cl. 8.3 of ISO 20344:2021/ SASO ISO 20344:2011/ IS 15298-1:2015, SATRA TM 174:2016, ISO 4649:2017, BS EN 12770:2000, ASTM D5963, Cl. 4.14.5 of IS 17012 :2018, Cl. 4.14.7 of IS 17037 (A1:2021) :2018, Cl. 4.13.7 of IS 17043 (A1: 2021): 2018

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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 and Leather Products		
53.	Leather & footwear - sole material	Abrasion resistance	Cl. 5.8.3 of IS 15298-4 (A1 & A2: 2019):2017/ IS 15298-3:2018/ IS 15298-2 (A1 & A2: 2019): 2016/ SASO ISO 20347:2012/ ISO 20347:2021/ SASO ISO 20346:2004/ ISO 20346:2021/ SASO ISO 20345:2011/ ISO 20345: 2021
54.	Leather & footwear - sole material	Abrasion resistance	Cl. 3.6 of IS 15844 (A1: 2019):2010, Cl. 6.1 of IS 3976 (A1: 2021): 2018, Cl. 7.6.3 of IS 5557 Part 2 (A1: 2020): 2018, Cl. 7.7.2 of IS 16694:2018, Cl. 4.3.1 Table1 Annex B of IS 13893:1994, DIN ISO 4649:2014, ISO 20871:2018, SASO ISO 20871: 2007
55.	Leather & footwear - upper/lining/ collar/tongue material	Abrasion resistance of insole	Cl.5.7.4.1 of BS EN ISO 20345:2022/BS EN ISO 20346:2022 /BS EN ISO 20347:2022/Cl.7.3 of BS EN ISO 20344: 2021/Cl. 7.3 of ISO 20344:2021/SASO ISO 20344:2011/IS 15298-1:2015, Cl. 5.7.4.1 of ISO 20345:2011/SASO ISO 20345:2011/ISO 20346:2021/SASO ISO 20346:2004/ ISO 20347:2021/SASO ISO 20347:2012/IS 15298-2 (A1&A2: 2019): 2016
56.	Leather & footwear - upper/lining/ collar/tongue material	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, Cl. 5.7 of IS 5676:1995,

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
			Cl. 4.1.3, 8.3, Annex C, D of IS 6664:1992, Cl. 5.4, 5.5 Annex D, G, Table 3 of IS 10702 (A1: 1999 + A2:2004) : 1992
57.	Leather & footwear - upper/lining/ collar/tongue material	Ageing test / heat resistance	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
58.	Leather & footwear - upper/lining/ collar/tongue material	Ageing test / heat resistance	Cl. 3.2.1 table 1 of IS 11544:1986, Cl. 5.1.4 of IS 13995:1995, Cl. 7.7, 7.10 of IS 16694:2018, Cl. 5.1.4.1 Table 2 of IS 5557:2004, Cl. 5.1.7.1 of IS 5557:2004, Cl. 7.4.1 Table 3 of IS 5557 Part 2 (A1: 2020): 2018, Cl. 5.2.5.2, 5.2.5.3 of IS 3976:2018, 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
59.	Leather & footwear - upper/lining/ collar/tongue material	Breaking strength	BS EN ISO 13934-1:2013/Cl.3.4 of IS 15844 (A1: 2019): 2010, Cl.7.2 (Annex B) of IS 5557 P 2(A1: 2021): 2018,Cl. 5.1.4.2, 5.1.7.2 of IS 5557:2004, Cl.4.1 of IS 12254:1993, 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:

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
			2003):1995 ,Cl. 4.1.1, table 1, 4.1.2, table 2 of IS 3735 (A1:1999+A2:2001+A3:2003 + A4: 2004):1996 ,ASTM D2208:2016, SATRA TM29:17(2019), ISO 17706:2003/SASO ISO 17706:2003/ IS 7016(P-2): 2015
60.	Leather & footwear - upper/lining/ collar/tongue material	Compression set	Cl. 4.1.6 of IS 3735 (A1: 1999 + A2: 2001 + A3: 2003 + A4: 2004):1996, IS 3400 (Part10/S1& S2): 2020, Cl. 4.1.7.3 Table 4 of IS 3736 (A1: 1999 + A2: 2001 + A3: 2003):1995, Cl. 5.7 of IS 5676:1995, Cl. 4.1.3, 8.3, Annex D of IS 6664:1992, ISO 815-1: 2019, Cl. 3.5, 3.8, Annex C of IS 15844 (A1: 2019): 2010
61.	Leather & footwear - upper/lining/ collar/tongue material	Density	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 5557:2004, Cl. 7.7 of IS 16694:2018, Cl. 4.3.1 Table1 of IS 13893: 1994
62.	Leather & footwear - upper/lining/ collar/tongue material	Density	IS 12240 Part 3:1988, Cl. 5.5 of IS 12254:1993, Cl. 3.2.1 table 1 of IS 11544:1986, Cl. 5.4 Annex B, Table 2&3 of IS 10702 (A1: 2002 + A2: 2004):1992, Cl. 4.1 Appendix A-1 of

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	Leather and Leather Products		
			IS 6721:1972, Cl. 3.6 Appendix A-1 of IS 6719:1972, Cl. 4.1.3, 8.3, Annex A of IS 6664: 1992
63.	Leather & footwear - upper/lining/ collar/tongue material	Density	ISO 2781:2018, SASO ISO 2781:2008, SATRA TM134:2010, Cl. 4.14.3 of IS 17012:2018, Cl. 4.14.3 of IS 17037 (A1: 2021): 2018, Cl. 4.13.3 of IS 17043(A1: 2021): 2018, Cl. 4.1.6 of IS 3735 (A1:1999 + A2:2001+A3:2003 + A4:2004):1996, IS 3400 Part 9: 2020, Cl. 4.1.7.3 Table 4 of IS 3736 (A1:1999 + A2: 2001+A3:2003):1995, TM134:98 (2010), Cl. 5.7 of IS 5676: 1995
64.	Leather & footwear - upper/lining/ collar/tongue material	Flexing index	Cl. 3.7, Annex P of IS 15844 (A1: 2019):2010, SATRA TM3 : 1999
65.	Leather & footwear - upper/lining/ collar/tongue material	Flexing resistance	Cl. 5.8.4 of ISO 20345:2021/ SASO ISO 20345:2011/ ISO 20346:2021/ 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
66.	Leather & footwear - upper/lining/ collar/tongue material	Flexing resistance	Cl. 5.8.5 of BS EN ISO 20345:2022/ BS EN ISO 20346:2022 / BS EN ISO 20347:2022/Cl. 8.5, 8.6 of BS EN ISO 20344: 2021/ Cl. 8.4 of IS 15298-1:2015/ISO 20344:2021/ SASO ISO

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
			20344:2011, Cl. 4.14.8 of IS 17012:2018/ 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 (A1: 2021): 2018, Cl. 6.2 of IS 3976(A1: 2021): 2018, SATRA TM161:2004, Cl. 4.13.8 of IS 17043 (A1: 2021): 2018
67.	Leather & footwear - upper/lining/ collar/tongue material	Flexing resistance	Cl. 5.4.5 of BS EN ISO 20345:2022/ BS EN ISO 20346:2022 / BS EN ISO 20347:2022/ Cl. 6.5 of BS EN ISO 20344: 2021/ Cl. 6.4 of IS 15298-1:2015, SATRA TM 25:2020, SASO ISO 17694:2016, ISO 17694:2016, SATRA TM 55:1999, SASO ISO 5402-1:2011, ISO 5402-1:2022, Cl. 5.4.5 of IS 15298-4 (A1 & A2: 2019): 2017/ IS 15298-3:2018/IS 15298-2 (A1 & A2: 2019): 2016/SASO ISO 20347:2012 /ISO 20347:2021/ ISO 20346:2021/ SASO ISO 20345:2011/ ISO 20345:2021, Cl. 6.5 of SASO ISO 20344:2011/ISO 20344: 2021
68.	Leather & footwear - upper/lining/ collar/tongue material	Height -general	Cl. 5.4.1 of BS EN ISO 20345:2022/ BS EN ISO 20346:2022 / BS EN ISO 20347:2022/ Cl. 5.4.1 of ISO 20345:2021/ SASO ISO 20345:2011/ ISO 20346:2021/ SASO ISO

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
			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, Cl. 5.1 of IS 5676: 1995/ IS 16645: 2018
69.	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 (A1: 1999 + A2: 2001 + A3: 2003 + A4: 2004):1996, IS 3400 Part16:1974, Cl. 4.1.7.3 Table 4 of 3736 (A1: 1999 + A2: 2001 + A3: 2003): 1995, Cl. 5.7 of IS 5676:1995, Cl. 4.1.3, 8.3 of IS 6664:1992, Cl. 3.2.1.1 of IS 11544:1986, Cl. 5.9 of IS 12254:1993, IS 12240 Part 7 : 1988, Cl. 4.3.1 Table1 of IS 13893:1994, 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
70.	Leather & footwear - upper/lining/ collar/tongue material	Hydrolysis of outsole/ross flex	Cl. 5.8.6 of BS EN ISO 20345:2022/ BS EN ISO 20346:2022 / BS EN ISO 20347:2022/Cl. 8.7 of BS EN ISO 20344: 2021/Cl. 8.5 of IS 15298-1:2015/ISO 20344:2021/ SASO ISO 20344:2011, Cl. 5.8.5 of ISO 20345:2021/ SASO ISO 20345:2011/ ISO 20346:2021/ SASO ISO 20346:2004/ ISO 20347:2021/ SASO

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
			ISO 20347:2012/ IS 15298-2 (A1 & A2: 2019): 2016/ IS 15298-3:2018/ IS 15298-4(A1 & A2: 2019): 2017
71.	Leather & footwear - upper/lining/ collar/tongue material	Interlayer bond strength	Cl. 5.8.7 of BS EN ISO 20345:2022/ BS EN ISO 20346:2022 / BS EN ISO 20347:2022/ ISO 20345: 2021/ ISO 20346: 2021/ ISO 20347: 2021/Cl. 5.8.6 of ISO 20345:2021/ SASO ISO 20345:2011/ ISO 20346:2021/ 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
72.	Leather & footwear - upper/lining/ collar/tongue material	Interlayer bond strength	Cl. 4.5.3.2 of IS 17012:2018/ IS 17037 (A1: 2021):2018/ IS 17043(A1: 2021): 2018, Cl. 5.9 of IS 3976 (A1: 2021): 2018, Cl. 7.6.5 of IS 5557 Part 2 (A1: 2020): 2018, Cl. 7.7.4 of IS 16694: 2018
73.	Leather & footwear - upper/lining/ collar/tongue material	Lastometer test	ISO 3379:2016/ Cl. 3.4 of IS 15844 (A1: 2019):2010, IS 14970: 2001
74.	Leather & footwear - upper/lining/ collar/tongue material	Martindale abrasion resistance	Cl. 5.5.3, 5.7.4.2 of BS EN ISO 20345:2022/ BS EN ISO 20346:2022 / BS EN ISO 20347:2022/Cl. 6.12 of BS EN ISO 20344: 2021/ Cl. 6.12 of ISO 20344:2021/SASO ISO 20344:2011, Cl. 5.5.2, 5.7.4.2 of

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
			SASO ISO 20345:2011/ISO 20345:2021/ISO 20346:2021/ 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, Cl. 6.12 of IS 15298-1: 2015
75.	Leather & footwear - upper/lining/ collar/tongue material	Martindale abrasion resistance	Cl. 4.7.4, 4.10.2 of IS 17012:2018, Cl. 4.7.4, 4.9.2 of IS 17037 (A1: 2021):2018, Cl. 4.7.3, 4.9.3 of IS 17043 (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(A1: 2020):2018, Cl. 5.2.1.5, 5.2.2.1 of IS 3976(A1: 2021):2018, Cl. 3.7 of IS 15844(A1: 2019): 2010
76.	Leather & footwear - upper/lining/ collar/tongue material	Materials	Cl. 3.2.5 of IS 11544:1986, Cl. 4.14 Annex C of IS 17043 (A1: 2021): 2018, Cl. 4.2.1 of IS 12254:1993, Cl. 5.1, 5.4, Table 3 of IS 10702 (A1:1999 + A2: 2004):1992, Cl. 3.1 of IS 6719:1972, Cl. 4.1, 4.1.1, 4.1.2 of IS 6664: 1992
77.	Leather & footwear - upper/lining/ collar/tongue material	Materials	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

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
			(A1: 1988 + A2: 1999):1986, Cl. 7.8. 8.4 of IS 16694:2018, Cl. 5.1.6, 5.1.4.3 of IS 5557:2004, Cl. 5.3 of IS 5676: 1995
78.	Leather & footwear - upper/lining/ collar/tongue material	Materials	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 (A1: 2021): 2018, 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 (A1: 1999 + A2: 2001 + A3: 2003 + A4: 2004): 1996, Cl. 5.2.10 of IS 3976 (A1: 2021):2018, Cl. 7.6 of IS 16694: 2018
79.	Leather & footwear - upper/lining/ collar/tongue material	Resistance to fuel oil	Cl. 5.8.7 of SASO ISO 20346:2004, Cl. 8.6 of IS 15298-1:2015, Cl. 6.1 of IS 17012:2018, Cl. 4.14.10 of IS 17037 (A1: 2021):2018, Cl. 5.1.7.8 of IS 5557:2004, Cl. 8.6 of IS 5557 Part 2 (A1: 2020): 2018, Cl. 7.1 of IS 3976 (A1: 2021): 2018
80.	Leather & footwear - upper/lining/ collar/tongue material	Resistance to hot contact	Cl. 8.7 of IS 15298-1:2015/ISO 20344:2021/ SASO ISO 20344:2011, Cl. 6.4.1 of ISO 20345:2021/ SASO ISO 20345:2011/ISO 20346:2021/ ISO 20347:2021/ SASO ISO 20347:2012/ IS 15298-2 (A1 & A2:

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
			2019) :2016/ IS 15298-3:2018/ IS 15298-4 (A1 & A2: 2019): 2017
81.	Leather & footwear - upper/lining/ collar/tongue material	Resistance to hot contact	Cl. 6.4.1 of BS EN ISO 20345:2022/ BS EN ISO 20346:2022 / BS EN ISO 20347:2022/ Cl. 8.9 of BS EN ISO 20344:2021/ Cl. 6.4.4 of SASO ISO 20346:2004, Cl. 4.14.9 of IS 17012:2018/ 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
82.	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 (A1: 1999 + A2: 2001 + A3: 2003 + A4: 2004): 1996, Cl. 5.2 of IS 5676:1995, Cl. 4.2 of IS 6721:1972, Cl. 3.1 of IS 11544:1986, 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
83.	Leather & footwear - upper/lining/ collar/tongue material	Shape and design /channel	Cl. 3.2 of IS 15844 (A1: 2019): 2010, 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 (A1: 2021): 2018, Cl. 5 of IS 5557 Part 2 (A1: 2020): 2018, Cl. 5.6

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	Leather and Leather Products		
			of IS 5676:1995, Cl. 5.1.1 of IS 5557:2004, Cl. 4, 4.1 of IS 16645:2018, Cl. 5.1.6 of IS 13995:1995, Cl. 5.1 of IS 13995:1995, Cl. 4.1 of IS 13893: 1994
84.	Leather & footwear - upper/lining/ collar/tongue material	Tear strength	Cl. 6.3 of ISO 20344:2021 /BS EN ISO 20344:2021/SASO ISO 20344:2011/IS 15298-1:2015; Cl. 5.4.3, 5.5.2, 5.6.2 of ISO 20345:2021/ BS EN ISO 20345:2022/ ISO 20346:2021/BS EN ISO 20346:2022/ISO 20347:2021 /BS EN ISO 20347:2022 ; Cl. 5.4.3, 5.5.1, 5.6.1 of SASO ISO 20345:2011/SASO ISO 20346:2004/SASO ISO 20347:2012/IS 15298-2 (A1 + A2: 2019) :2016/IS 15298-3:2018/IS 15298-4 (A1+ A2: 2019) :2017; ISO 3377-1:2011/SASO ISO 3377-1:2011/ISO 3377-2:2016/SASO ISO 3377-2:2002/ASTM D2212:2015/SATRA TM30:2017/: 1970
85.	Leather & footwear - upper/lining/ collar/tongue material	Tear strength	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 (A1: 2020): 2018, Cl. 5.2.1.2, 5.2.2 of IS

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	Leather and Leather Products		
			3976 (A1: 2021): 2018, 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, Cl. 3.4, 3.7 of IS 15844 (A1: 2019): 2010, BS EN ISO 17696:2018, SASO ISO 17696:2004, ISO 17696:2004, SATRA TM162:2017, SATRA TM: 2017
86.	Leather & footwear - upper/lining/ collar/tongue material	Tear strength	Cl. 8. 3 of ISO 20344:2021/BS EN ISO 20344:2021 ; Cl. 8.2 of SASO ISO 20344:2011/IS 15298-1:2015 ; Cl. 5.8.3 of ISO 20345:2021/BS EN ISO 20345:2022/ISO 20346:2021/BS EN ISO 20346:2022/ISO 20347:2021/BS EN ISO 20347:2022 ; Cl. 5.8.2 of SASO ISO 20345:2011/SASO ISO 20346:2004/SASO ISO 20347:2012/IS 15298-2 (A1 + A2: 2019) :2016/IS 15298-3:2018/IS 15298-4 (A1+ A2: 2019) :2017 ; SASO ISO 20872:2018/ISO 20872:2018 / Cl. 4.14.4 of IS 17012:2018 / Cl. 4.14.6 of IS 17037 (A1:2021) : 2018
87.	Leather & footwear - upper/lining/ collar/tongue material	Tear strength	ISO 20872:2018, Cl. 4.14.4 of IS 17012:2018, Cl. 4.14.6 of IS 17037 (A1: 2021): 2018, Cl. 4.13.6 of IS

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
			17043(A1: 2021): 2018, ISO 34-1:2015, ASTM D624-00 (2021), SATRA TM218:1999, Cl. 3.6 Appendix A-3 of IS 6719:1972, Cl. 5.4 Table 3 of IS 10702(A1: 1991 +A2: 2004):1992, IS 3400 (P-12): 2022, IS 3400 (P-17): 1974, Cl. 5.1.3 of IS 13995:1995, Cl. 7.7.1 of IS 16694:2018, Cl. 7.6.2 of IS 5557 Part 2 (A1: 2020) : 2018
88.	Leather & footwear - upper/lining/ collar/tongue material	Tear strength	Cl. 8.2 of IS 15298-1:2015/ ISO 20344:2021/ SASO ISO 20344:2011, Cl. 5.8.2 of ISO 20345:2021/ SASO ISO 20345:2011/ ISO 20346:2021/ 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
89.	Leather & footwear - upper/lining/ collar/tongue material	Tear strength	ISO 3377-1:2011, SASO ISO 3377-1:2011, ISO 3377-2:2016, SASO ISO 3377-2:2002, ASTM D2212:2015, SATRA TM30:2017, SATRA TM162:2017, ISO 17696:2004, SASO ISO 17696:2004, BS EN ISO 17696:2018, Method B of ISO 4674-1: 2016



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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
90.	Leather & footwear - upper/lining/ collar/tongue material	Tear strength	Cl. 5.4.3, 5.5.1, 5.6.1 of ISO 20345:2021/SASO ISO 20345:2011/ISO 20346:2021/ SASO ISO 20346: 2004/ ISO 20347:2021, SASO ISO 20347:2012/ SASO ISO 20347:2012/ IS 15298-2 (A1 & A2: 2019) :2016/ IS 15298-3: 2018/ IS 15298-4(A1 & A2: 2019): 2017
91.	Leather & footwear - upper/lining/ collar/tongue material	Tensile properties	Cl. 6. 4 of ISO 20344:2021/BS EN ISO 20344:2021/SASO ISO 20344:2011 /IS 15298-1:2015; Cl. 5.4.4 of ISO 20345:2021/ BS EN ISO 20345:2022/SASO ISO 20345:2011/ISO 20346:2021/BS EN ISO 20346:2022/SASO ISO 20346:2004/ISO 20347:2021/BS EN ISO 20347:2022/SASO ISO 20347:2012/IS 15298-2 (A1 + A2: 2019) :2016/IS 15298-3:2018/IS 15298-4 (A1+ A2: 2019) :2017; 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
92.	Leather & footwear - upper/lining/ collar/tongue material	Tensile strength & elongation of outsole	SASO ISO 22654: 2002/ Cl. 5.4 Table 3 of IS 10702 (A1: 1999 + A2: 2004): 1992, Cl. 4.1 Appendix A-3 of IS 6721:1972, Cl. 3.6 Appendix A-2 of IS

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
			6719:1972, Cl. 5.7 of IS 5676:1995, 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 (A1: 1999 + A2: 2001 + A3: 2003 + A4: 2004): 1996, ISO 37: 2017
93.	Leather & footwear - upper/lining/ collar/tongue material	Tensile strength & elongation of outsole	Cl. 3.5, 3.7, Annex Q of IS 15844 (A1: 2019):2010, Cl. 5.2.11, 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 5557:2004, Cl. 5.3, 5.8.1 of IS 16645:2018, Cl. 5.1.1, 5.1.2 of IS 13995:1995, Cl. 4.3.1 Table1 of IS 13893:1994, Cl. 5.8 of IS 12254:1993, IS 12240 Part 6 : 1988
94.	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 &

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
			A2: 2019): 2016/IS 15298-3:2018/IS 15298-4 (A1 & A2: 2019): 2017, 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
95.	Leather & footwear - upper/lining/ collar/tongue material	Thickness	Cl. 5.4.2 of BS EN ISO 20345:2022/ BS EN ISO 20346:2022 / BS EN ISO 20347:2022/Cl. 6.1 of BS EN ISO 20344: 2021/ Cl. 6.1 of ISO 20344:2021/SASO ISO 20344:2011/IS 15298-1:2015, Cl. 5.4.2 of ISO 20345:2021/SASO ISO 20345:2011/ISO 20346:2021/ 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, ISO 2589:2016, SASO ISO 2589:2002, SATRA TM1:2021, ASTM D1813:2013(2017), Cl. 5.2.1 of IS 14544: 1998
96.	Leather & footwear - upper/lining/ collar/tongue material	Thickness	Cl. 4.6.1, 4.11.1, 4.12.1 of IS 17012:2018/IS 17037 (A1: 2021): 2018/ IS 17043 (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 (A1: 2020):

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
			2018, Cl. 5.2.1 of IS 11226 (A1: 1994 + A2: 1998):1993, IS 5914 (LP:1): 1970
97.	Leather & footwear - upper/lining/ collar/tongue material	Thickness/cleated area/cleat height of outsole	Cl. 5.8.2.1, 5.8.2.2, 5.8.2.3, 6.4.3 of BS EN ISO 20345:2022/ BS EN ISO 20346:2022 / BS EN ISO 20347:2022/ Cl. 8.2 of BS EN ISO 20344: 2021/ Cl. 8.1.1, 8.1.2 of ISO 20344:2021/SASO ISO 20344:2011/ IS 15298-1:2015, Cl. 5.8.1, 5.8.1.1, 5.8.1.2, 5.8.1.3 of ISO 20345:2021/ SASO ISO 20345:2011/ ISO 20346:2021/ ISO 20346:2021/ 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, Cl. 4.14.2 of IS 17012: 2018
98.	Leather & footwear - upper/lining/ collar/tongue material	Thickness/cleated area/cleat height of outsole	Cl. 5.3 table 3 of IS 14544:1998/ IS 11226 (A1: 1994 + A2: 1998):1993, Cl. 5.2.5.4 of IS 3976 (A1: 2021): 2018, Cl. 7.6.1 of IS 5557 Part 2 (A1: 2020):2018, Cl. 5.1.3 Table 1, 5.1.7.7 of IS 5557:2004, Cl. 4.2 of IS 16645: 2018, Cl. 7.7 of IS 16694:2018, Cl. 4.1 of IS 13995:1995, Cl. 4.2 of IS 13893:1994, IS 12240 (Part I) : 1988, Cl. 5.3 Table 1 of IS 12254:1993, Cl. 4.4 of IS 6721:1972,

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
			Cl. 3.5 of IS 6719:1972, Cl. 5.5 of IS 5676: 1995
99.	Leather & footwear - upper/lining/ collar/tongue material	Volatility	Cl. 3.6 Appendix A-4 of IS 6719:1972, Cl. 4.1 Appendix A-5 of IS 6721:1972, IS 12240Part 4:1988, Cl. 5.6 of IS 12254:1993, Cl. 8.4 of IS 16694: 2018
100.	Leather & footwear - upper/lining/ collar/tongue material	Water absorption/ desorption	Cl.5.7.3, 5.7.2 of BS EN ISO 20345:2022/BS EN ISO 20346:2022/BS EN ISO 20347:2022/Cl.7.2 of BS EN ISO 20344: 2021/Cl.7.2 of ISO 20344:2021/SASO ISO 20344:2011/IS 15298-1:2015, Cl. 3.7 of IS 15844(A1:2019):2010, Cl. 7.5 of IS 16994:2018, Cl. 4.8.3, 4.9.2 of IS 17043 (A1:2021):2018, Cl. 4.8.3, 4.9.3 of IS 17037(A1:2021): 2018, Cl. 4.9.3, 4.10.3 of IS 17012:2018, SASO ISO 5404:2011,BS EN ISO 5404:2011, Cl. 5.7.3 of IS 15298-4 (A1&A2:2019):2017 / IS 15298-3:2018/IS 15298-2(A1&A2:2019): 2021
101.	Leather & footwear - upper/lining/ collar/tongue material	Water penetration and water absorption	Cl. 6.3 of BS EN ISO 20345:2022/ BS EN ISO 20346:2022 / BS EN ISO 20347:2022/Cl. 6.13 of BS EN ISO 20344: 2021/ Cl. 4.6.4 of IS 17043 (A1: 2021): 2018 / IS 17037(A1:

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
			2021):2018/ IS 17012:2018, Cl. 6.13 of IS 15298-1:2015/ ISO 20344:2021/ SASO ISO 20344:2011, Cl. 6.3 of IS 15298-3:2018 /IS 15298-2 (A1 & A2: 2019): 2016/ SASO ISO 20347:2012/ ISO 20347:2021/ ISO 20345:2021/SASO ISO 20345:2011/ISO 20346:2021/ IS 15298-4 (A1 & A2: 2019) :2017, Cl. 6.3.1 of SASO ISO 20346:2004, BS EN ISO 5403-1: 2011
102.	Leather & footwear - upper/lining/ collar/tongue material	Water vapour permeability, absorption and coefficient	ISO 14268:2012/ Cl. 5.4.6, 5.5.4 of BS EN ISO 20345:2022/ BS EN ISO 20346:2022 / BS EN ISO 20347:2022/Cl. 6.6, 6.7, 6.8 of BS EN ISO 20344: 2021/ SASO ISO 17699: 2003/ Cl. 5.2.1.4 of IS 3976 (A1: 2021): 2018, Cl. 7.3.1, 7.4 of IS 16994:2018, ISO 17699:2003, SATRA TM172:1993, SATRA TM178:2001, Cl. 4.6.3, 4.7.5 of IS 17043 (A1: 2021): 2018/IS 17037(A1: 2021): 2018/ IS 17012:2018, Cl. 5.4.6, 5.5.3 of IS 15298-4 (A1 & A2: 2019): 2017 /IS 15298-3:2018/IS 15298-2 (A1 & A2: 2019): 2016/SASO ISO 20347:: 2012



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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
103.	Leather & footwear - upper/lining/ collar/tongue material	Width	Cl. 5.2.3 of IS 3976 (A1: 2021): 2018, Cl. 7.2 of IS 5557 Part 2 (A1: 2020): 2018, Cl. 4.1.3 of IS 3736 (A1: 1999 + A2: 2001 + A3: 2003):1995, Cl. 4.1.2 of IS 3735 (A1: 1999 + A2: 2001 + A3: 2003 + A4: 2004): 1996
104.	Leather & footwear - upper/lining/ collar/tongue material	Ageing test / heat resistance	Cl. 4.14.7 of IS 17012:2018, Cl. 4.14.5 of IS 17037 (A1: 2021) :2018, Cl. 4.13.5 of IS 17043 (A1: 2021):2018, IS 3400 Part 4: 2012, Cl. 4.1.6, 4.1.6.2 of IS 3735 (A1: 1999 + A2: 2001 + A3: 2003 + A4: 2004): 1996, ISO 20870: 2017
105.	Leather & footwear - upper/lining/ collar/tongue material	Hardness IRHD	Cl. 4.14.6 of IS 17012:2018, Cl. 4.14.4 of IS 17037 (A1: 2021) :2018, Cl. 4.13.4 of IS 17043 (A1: 2021): 2018, ISO 48-2:2018, SATRA TM206: 1999
106.	Leather & footwear - upper/lining/ collar/tongue material	Room temperature shrinkage and heat shrinkage	Cl. 4.1.3, 8.3, Annex F & G of IS 6664:1992, Cl. 5.4 Annex F & G of IS 10702 (A1: 1999 + A2: 2004) :1992, 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, Cl. 3.5, 3.7, 3.8, Annex F of IS 15844 (A1: 2019):2010, SATRA TM70-2001, ISO 20873 : 2018



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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
107.	Leather & footwear - upper/lining/ collar/tongue material	Split tear strength	Cl. 4.1.3, 8.3, Annex E of IS 6664:1992, Cl. 5.7 of IS 16645:2018, Cl. 5.4 Annex E of IS 10702 (A1: 1999 + A2: 2004):1992, Cl. 3.5, Annex D of IS 15844 (A1: 2019):2010, SATRA TM65-2021, ISO 20875: 2018
108.	Leather & footwear-toe puff and counter stiffener	Collapsing load	Cl. 3.10, Annex M of IS 15844 (A1: 2019): 2010
109.	Leather & footwear-toe puff and counter stiffener	Crush load	Cl. 3.10, Annex L of IS 15844 (A1: 2019): 2010
110.	Leather & footwear-toe puff and counter stiffener	Material and thickness	Cl. 4.8 of IS 17012:2018, Cl. 4.10 of IS 17037 (A1: 2021):2018, Cl. 4.10 of IS 17043 (A1: 2021): 2018
111.	Upper/lining/ collar/tongue material	Flexing endurance	IS 5914 (LP:19): 1970, Cl. 3.4 of IS 15844 (A1:2019): 2010, 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 (A1:2021): 2018, Cl. 7.5.3 of IS 5557 Part 2 (A1: 2020): 2018, Cl. 5.1.7.3 of IS 5557:2004, 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
112.	Whole footwear	Dimensional conformity/ construction of inserts	Cl. 6.2.1.2, 6.2.1.3 of BS EN ISO 20345:2022/ BS EN ISO 20346:2022

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
			/ BS EN ISO 20347:2022/ Cl. 5.8 of BS EN ISO 20344:2021/Cl. 5.8.1 of ISO 20344:2021/ SASO ISO 20344:2011/IS 15298-1:2015, Cl. 4.5.5.1, 4.5.5 of IS 17037 (A1: 2021):2018, Cl. 6.2.1.2, 6.2.1.3 of IS 15298-4 (A1 & A2: 2019):2017/IS 15298-3:2018/IS 15298-2 (A1 & A2: 2019): 2016/SASO ISO 20347:2012/ ISO 20347:2021/ SASO ISO 20346:2004/ ISO 20346:2021/ SASO ISO 20345:2011/ISO 20345: 2021
113.	Whole footwear	Electrically insulating test	Cl. 6.2.2.3 of ISO 20345:2021/ SASO ISO 20345:2011/ ISO 20346:2021/ 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, Cl. 8.7.3 of IS 5557 Part 2 (A1: 2020):2018, Cl. 7.2 of IS 3976 (A1: 2021):2018, BS EN 50321-1: 2018
114.	Whole footwear	Energy absorption of seat region	Cl. 6.2.4 of BS EN ISO 20345:2022/ BS EN ISO 20346:2022 / BS EN ISO 20347:2022/ Cl. 5.17 of BS EN ISO 20344:2021/ Cl. 5.14 of ISO 20344:2021/ SASO ISO 20344:2011/ IS 15298-1:2015, Cl. 4.5.8 of IS 17012:2018/ IS 17043 (A1: 2021):

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	Leather and Leather Products		
			2018, Cl. 4.5.10 of IS 17037(A1: 2021):2018, Cl. 5.13 of IS 3976 (A1: 2021): 2018, Cl. 3.3.4 of IS 15844(A1: 2019):2010, Cl. 6.2.4 of ISO 20345:2021/ SASO ISO 20345:2011/ ISO 20346:2021/ SASO ISO 20346:2004/ ISO 20347:2021/ SASO ISO 20347:2012/ IS 15298-2 (A1 & A2: 2019: 2017
115.	Whole footwear	Flex resistance of penetration-resistant inserts	Cl. 6.2.1.4.1 of BS EN ISO 20345:2022/ BS EN ISO 20346:2022 / BS EN ISO 20347:2022/ Cl. 5.12 of BS EN ISO 20344:2021/ Cl. 5.9 of ISO 20344:2021/SASO ISO 20344:2011/IS 15298-1:2015, Cl. 4.3 of BS EN ISO 22568-3:2019/ BS EN ISO 22568-4:2021, Cl. 4.5.5.2 of IS 17037 (A1: 2021): 2018, Cl. 6.2.1.4 of IS 15298-4 (A1 & A2: 2019):2017/ IS 15298-3:2018/IS 15298-2 (A1 & A2: 2019): 2016/ SASO ISO 20347:2012/ ISO 20347:2021/ SASO ISO 20346:2004/ ISO 20346:2021/ SASO ISO 20345:2011/ ISO 20345: 2021
116.	Whole footwear	Ankle protection	Cl. 6.2.7 of BS EN ISO 20345:2022/ BS EN ISO 20346:2022 / Cl. 6.2.6 of BS EN ISO 20347:2022/ Cl. 5.21, 5.22 of BS EN ISO 20344:2021/ Cl. 5.17 of

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	Leather and Leather Products		
			ISO 20344:2021/SASO ISO 20344:2011/IS 15298-1:2015, Cl. 6.2.7 of ISO 20345:2021/ SASO ISO 20345:2011/ ISO 20346:2021/ SASO ISO 20346:2004/IS 15298-2 (A1 & A2: 2019): 2016/IS 15298-3:2018, Cl. 6.2.6 of IS 15298-4 (A1 & A2: 2019): 2017/SASO ISO 20347:2012/ISO 20347: 2021
117.	Whole footwear	Cold flex temperature of upper	Cl. 5.13 Annex C of IS 12254:1993, Cl. 5.5 of IS 16645 : 2018
118.	Whole footwear	Compression resistance of toecaps	Cl. 5.3.2.7 of BS EN ISO 20345:2022/ BS EN ISO 20346:2022 / Cl. 5.5 of BS EN ISO 20344:2021/ Cl. 5.5 of ISO 20344:2021/SASO ISO 20344:2011, Cl. 5.3.2.4 of ISO 20345:2021/ SASO ISO 20345:2011/ ISO 20346:2021/ SASO ISO 20346:2004/IS 15298-2 (A1 & A2: 2019): 2016/IS 15298-3:2018, Cl. 5.5 of IS 15298-1:2015, Cl. 4.5.6.4 of IS 17037 (A1: 2021) :2018, Cl. 7.1, 8.3 of IS 16994:2018, Cl. 5.11 of IS 3976 (A1: 2021) :2018, Cl. 4.5 of BS EN ISO 22568-1:2019/ BS EN ISO 22568-2: 2019
119.	Whole footwear	Construction	Cl. 5.3.1.1 of BS EN ISO 20345:2022/ BS EN ISO 20346:2022 /BS EN ISO 20347:2022 /Cl. 5.3.1.1 of ISO 20345:2021/ SASO ISO 20345:2011/

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
			ISO 20346:2021/ ISO 20347:2021/ IS 15298-2 (A1 & A2: 2019): 2016/ IS 15298-4 (A1 & A2: 2019)::2017/ SASO ISO 20347:2012, Cl. 5.3.1.1, 6.3.2 of SASO ISO 20346:2004/ IS 15298-3:2018, Cl. 4.5.1 of IS 17012:2018/ IS 17037 (A1: 2021): 2018/ IS 17043(A1: 2021):2018, Cl. 4.3 of IS 3735 (A1: 1999 + A2: 2001 + A3: 2003 + A4: 2004): 1996
120.	Whole footwear	Construction	Cl. 4.4 of IS 3736 (A1: 1999+A2: 2001+A3: 2003) :1995/ Cl. 8 of IS 5557 Part 2 (A1:2020) :2018/ Cl/ 5.3 of IS 3976 (A1: 2021):2018/ Cl. 5.4 of IS 14544: 1998
121.	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/ BS EN ISO 20346:2022 / Cl. 6.2.1.4.2 of BS EN ISO 20347:2022/ Cl. 5.6, 5.11 of BS EN ISO 20344:2021/ Cl. 5.6 of ISO 20344:2021/ SASO ISO 20344:2011, Cl. 5.3.2.5.1, 6.2.1.5.1 of ISO 20345:2021/ SASO ISO 20345:2011/ ISO 20346:2021/ SASO ISO 20346:2004/ IS 15298-2 (A1 & A2: 2019): 2016/IS 15298-3: 2018
122.	Whole footwear	Corrosion resistance of toecaps/inserts/ metal parts	Cl. 4.4 of BS EN ISO 22568-3:2019, Cl. 4.6 of BS EN ISO 22568-1:2019, Cl. 3.11, Annex K of IS 15844 (A1:

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Mechanical Testing			
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	Leather and Leather Products		
			2019): 2010, SASO ISO 22775:2004 Method 2, SATRA TM 310:2020 Method 2, ISO 22775:2004 Method 2, Cl. 5.6 of IS 15298-1:2015, Cl. 6.2.1.5.1 of ISO 20347:2021/SASO ISO 20347:2021/ IS 15298-4 (A1 & A2: 2019): 2017
123.	Whole footwear	Cut resistance	Cl. 6.2.8 of BS EN ISO 20345:2022/ BS EN ISO 20346:2022 / Cl. 6.2.7 of BS EN ISO 20347:2022/ Cl. 5.23 of BS EN ISO 20344:2021/ Cl. 6.14 of ISO 20344:2021/SASO ISO 20344:2011/IS 15298-1:2015, Cl. 6.2.7 of IS 15298-4 (A1 & A2: 2019): 2017/ SASO ISO 20347:2012/ISO 20347:2021, Cl. 6.3.3 of SASO ISO 20346:2004, Cl. 6.2.8 of IS 15298-3:2018/ IS 15298-2(A1 & A2: 2019) :2016/ ISO 20346:2021/ SASO ISO 20345:2011/ ISO 20345: 2021
124.	Whole footwear	Determination of penetration/ perforation force of inserts	Cl. 6.2.1.1, 6.2.1.4.3 of BS EN ISO 20345:2022/BS EN ISO 20346:2022 /BS EN ISO 20347:2022/Cl. 5.9, 5.10, 5.11 of BS EN ISO 20344:2021/IS 17037 (A1: 2021): 2018 Cl. 4.5.5.3, 4.5.5.4, BS EN ISO 22568-4:2019 Cl. 4.2, 4.4, BS EN ISO 22568-3:2019 /BS EN ISO 22568-3:2021/Cl. 4.2, Cl. 5.8.2, 5.8.3 of IS 15298-1:2015/ISO

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
			20344:2011/SASO ISO 20344:2011, Cl. 6.2.1.1, 6.2.1.5.2 of ISO 20345:2021/SASO ISO 20345:2011/ISO 20346:2021/SASO ISO 20346:2004/ISO 20347:2021/SASO ISO 20347:2012/IS 15298-2 (A1& A2:2019): 2017
125.	Whole footwear	Electrical resistance: antistatic footwear/conductive footwear	Cl. 6.2.2.1, 6.2.2.2 of BS EN ISO 20345:2022/ BS EN ISO 20346:2022 / BS EN ISO 20347:2022/ Cl. 5.13 of BS EN ISO 20344:2021/Cl. 5.10 of ISO 20344:2021/ SASO ISO 20344:2011/ IS 15298-1:2015, Cl. 8.7.1, 8.7.2 of IS 5557 Part 2 (A1: 2020) :2018, Cl. 4.5.7.1 of IS 17037 (A1: 2021):2018, Cl. 4.5.5.1 of IS 17043 (A1: 2021):2018, Cl. 6.2.2.1, 6.2.2.2 of ISO 20345:2021/ SASO ISO 20345:2011/ ISO 20346:2021/ SASO ISO 20346: 2004/ ISO 20347:2021/ SASO ISO 20347:2012/ IS 15298-2 (A1 & A2: 2019): 2016
126.	Whole footwear	Electrical resistance: antistatic footwear/conductive footwear	Cl. 6.2.2.1, 6.2.2.2 of IS 15298-4 (A1+ A2: 2019) :2017/ IS 15298-3:2018; Cl. 4.5.5 of IS 17012: 2018
127.	Whole footwear	General/ finishing/width of flange	Cl. 5.3.2.1, 5.3.2.3, 5.5.1, 5.6.1, 5.8.1 of BS EN ISO 20345:2022/ Cl. 5.5.1, 5.6.1, 5.8.1 of BS EN ISO 20347:2022

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	Leather and Leather Products		
			/ Cl.5.3.2.1, 5.3.2.3, 5.5.1, 5.6.1,5.8.1 of ISO 20345:2021/ SASO ISO 20345:2011/ ISO 20346:2021/ ISO 20347: 2021/ SASO ISO 20346:2004/ IS 15298-2 (A1 & A2: 2019): 2016/ IS 15298-3:2018, Cl. 4.5.6.1 of IS 17037 (A1: 2021): 2018, 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
128.	Whole footwear	Heat insulation of sole complex	Cl. 6.2.3.1 of BS EN ISO 20345:2022/ BS EN ISO 20346:2022 / BS EN ISO 20347:2022/ Cl. 5.15 of BS EN ISO 20344:2021/ Cl. 5.12 of ISO 20344:2021/ SASO ISO 20344:2011/ IS 15298-1:2015, Cl. 6.2.3.1 of ISO 20345:2011/ SASO ISO 20345:2011/ISO 20346:2021/ 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, Cl. 4.5.6 of IS 17043 (A1: 2021):2018/IS 17012:2018, Cl. 4.5.8 of IS 17037 (A1:2021): 2018
129.	Whole footwear	Impact resistance metatarsal protection	Cl. 6.2.6 of BS EN ISO 20345:2022/ BS EN ISO 20346:2022 / Cl. 5.20 of BS EN ISO 20344:2021/ Cl. 5.16 of

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	Leather and Leather Products		
			ISO 20344:2021/SASO ISO 20344:2011/ IS 15298-1:2015, Cl. 6.2.6 of IS 15298-3:2018/ IS 15298-2 (A1 & A2: 2019): 2016/ SASO ISO 20346:2004/ ISO 20346: 2021 / SASO ISO 20345: 2011/ ISO 20345: 2021
130.	Whole footwear	Impact resistance of toecaps	Cl. 12,18 of IS 1989-1 (A1: 1988 + A2: 1995 + A3: 2003) : 1986/ IS 1989-2 (A1: 1988 + A2: 1999): 1986, IS 5852:2004, Cl. 5.15 Annex D of IS 12254:1993, Cl. 7.1, 8.3 of IS 16994:2018, Cl. 5.1.7.6 of IS 5557:2004, Cl. 5.7 of IS 3976 (A1: 2021): 2018, 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
131.	Whole footwear	Impact resistance of toecaps	Cl. 5.3.2.6, 5.3.2.5 of BS EN ISO 20345:2022/ BS EN ISO 20346:2022 / Cl. 5.4 of BS EN ISO 20344:2021/ Cl. 5.4 of ISO 20344:2021/ SASO ISO 20344:2011/ IS 15298-1:2015, Cl. 5.3.2.3, 5.3.2.5.2 of ISO 20345: 2021/SASO ISO 20345:2011/ISO 20346:2021/ SASO ISO 20346:2004/IS 15298-2 (A1 & A2:

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
			2019) :2016/IS 15298-3:2018, Cl. 4.5.6.3 of IS 17037 (A1: 2021): 2018
132.	Whole footwear	Internal length/ dimensions of toecaps	Cl. 5.3.2.2 of BS EN ISO 20345:2022/ BS EN ISO 20346:2022 / Cl. 5.3 of BS EN ISO 20344:2021/Cl. 5.3 of ISO 20344:2021/ SASO ISO 20344:2011/ IS 15298-1:2015, Cl. 5.3.2.2 of ISO 20345:2021/ SASO ISO 20345:2011/ISO 20346:2021/ SASO ISO 20346:2004/IS 15298-2 (A1 & A2: 2019): 2016/ IS 15298-3:2018, Cl. 4.5.6.2 of IS 17037 (A1: 2021): 2018, Cl. 8.2 of IS 16694:2018, Cl. 5.12 of IS 3976(A1: 2021): 2018, Cl. 4.3.1 of BS EN ISO 22568-1:2019/ BS EN ISO 22568-2: 2019
133.	Whole footwear	Leak proofness	Cl.5.3.3 of BS EN ISO 20345:2022/BS EN ISO 20346:2022/Cl. 5.3.2 of BS EN ISO 20347:2022/Cl. 5.7 of BS EN ISO 20344:2021/Cl. 5.7 of ISO 20344:2021/SASO ISO 20344:2011/IS 15298-1:2015,Cl. 5.3.3 of ISO 20345:2011/SASO ISO 20345:2011/ISO 20346:2021/SASO ISO 20346:2004/IS 15298-2 (A1&A2: 2019): 2016/IS 15298-3:2018,Cl.5.3.2 of ISO 20347:2021/SASO ISO 20347:2012/IS 15298-4(A1&A2:

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
			2019): 2017, Cl.5.12 of IS 12254:1993, Cl. 8.6 of IS 16994:2018, Cl. 5.1.7.4 of IS 5557:2004, Cl.8.2 of IS 5557 P-2(A1:2020): 2018
134.	Whole footwear	Slip resistance	Cl. 5.14 of ISO 20344:2021/ BS EN ISO 20344:2021; Cl. 5.11 of SASO ISO 20344:2011/IS 15298-1:2015; Cl. 5.3.5, 6.2.10 of ISO 20345:2021/ BS EN ISO 20345:2022/ISO 20346:2021/BS EN ISO 20346:2022/ASTM F 2913-19/Cl. 5.3.5.2, 5.3.5.3, 5.3.5.4 of SASO ISO 20345:2011/ IS 15298-2 (A1 + A2: 2019) :2016/IS 15298-3:2018; Cl. 5.3.4, 6.2.9 of ISO 20347:2021/ BS EN ISO 20347:2022 ; Cl. 5.3.4.2, 5.3.4.3, 5.3.4.4 of SASO ISO 20347:2012/IS 15298-4 (A1+ A2: 2019): 2017
135.	Whole footwear	Slip resistance	ISO 13287:2019/SASO ISO 13287:2012/SATRA TM144:2011/Cl. 4.5.4 of S 17012:2018/ IS 17037 (A1:2021):2018/ IS 17043 (A1:2021): 2018
136.	Whole footwear	Specific ergonomic features	Cl. 5.3.4 of BS EN ISO 20345:2022/ BS EN ISO 20346:2022 / Cl. 5.3.3 of BS EN ISO 20347:2022/ Cl. 5.1 of BS EN ISO 20344:2021/ Cl. 4.5.2 of IS

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
			17043(A1: 2021): 2018/ IS 17037(A1: 2021): 2018/ IS 17012:2018, Cl. 5.3.3 of IS 15298-4(A1 & A2: 2019): 2017 / SASO ISO 20347:2012/ ISO 20347:2021, Cl. 5.1 of ISO 20344:2021/ SASO ISO 20344:2011/ IS 15298-1:2015, Cl. 5.3.4 of ISO 20345:2021/ SASO ISO 20345:2011/ ISO 20346:2021 /SASO ISO 20346:2004/ IS 15298-2(A1 & A2: 2019):2016/ IS 15298-3: 2018
137.	Whole footwear	Upper/outsole bond strength / adhesion/consolidation test	Cl. 5.8, Cl. 5.10 of IS 3976 (A1: 2021): 2018, Cl. 4.7, 4.8 of IS 3736 (A1: 1999 + A2: 2001 + A3: 2003): 1995, Cl. 4.4, 4.5 of IS 3735 (A1: 1999 + A2: 2001 + A3: 2003 + A4: 2004):1996,Cl. 3.3.1, Cl. 3.3.3, 3.3.2, 3.4, 3.5, 3.6, Annex B of IS 15844 (A1: 2019):2010, Cl. 8.4 of IS 5557 Part 2 (A1: 2020): 2018, Cl. 5.1.7.5 of IS 5557:2004, 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: 2019
138.	Whole footwear	Upper/outsole bond strength / adhesion/consolidation test	Cl. 5.3.1.2 of BS EN ISO 20345:2022/ BS EN ISO 20346:2022 /BS EN ISO 20347:2022 / Cl. 5.2 of BS EN ISO 20344:2021 /Cl. 5.2 of ISO

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
			20344:2021/ SASO ISO 20344:2011/ IS 15298-1:2015, Cl. 5.3.1.2 of ISO 20345:2021/ SASO ISO 20345:2011/ ISO 20346:2021/ 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, Cl. 4.5.3.1 of IS 17012:2018/ IS 17037 (A1: 2021):2018/ IS 17043 (A1: 2021): 2018
139.	Whole footwear	Water resistance for whole footwear	Cl. 6.2.5 of BS EN ISO 20345:2022/BS EN ISO 20346:2022 / BS EN ISO 20347:2022/ Cl. 5.18, 5.19 of BS EN ISO 20344:2021/ Cl. 5.15.2 of ISO 20344:2021/ SASO ISO 20344:2011/IS 15298-1:2015, Cl. 4.5.11 of IS 17037 (A1: 2021): 2018, Cl. 6.2.5 of IS 15298-4 (A1 & A2: 2019): 2017/ IS 15298-3:2018/ IS 15298-2 (A1 & A2: 2019):2016/ SASO ISO 20347:2012/ ISO 20347:2021/ SASO ISO 20346:2004/ ISO 20346:2021/ SASO ISO 20345:2011/ ISO 20345: 2021
140.	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

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
			5867(A1:1993) :1970 ; cl no. 3.6, 3.7 of IS 15844 (A1: 2019) : 2010
141.	Leather & footwear - upper/lining/ collar/tongue material	Thickness/cleated area/cleat height of outsole	Cl. 4.1.7.5 Table 6 of IS 3736 (A1: 1999 + A2: 2001 + A3: 2003) : 1995/ IS 17037 (A1: 2021): 2018/ Cl. 4.13.2 of IS 17043 (A1: 2021):2018 / Cl. 4.14.2 of IS 17037 (A1:2021): 2018
142.	Leather & footwear	Hydrolysis	Cl.5.4.7 of BS EN ISO 20345:2022/BS EN ISO 20346:2022/BS EN ISO 20347:2022/Cl. 6.10 of BS EN ISO 20344: 2021/Cl. 5.8 (Annex E) of IS 16645:2018, Cl. 3.5, 3.6, 3.7 (Annex E) of IS 15844 (A1:2019):2010, Annex E of ISO 5423:1992/ISO 4643:1992, SATRA TM344:1995, Cl. 5.4.8 of IS 15298-4 (A1&A2: 2019): 2017
143.	Leather & footwear	Resistance to cracking	Cl. 8.3, 14.3 of IS 1989-1 (A1: 1988 + A2: 1995 + A3: 2003) : 1986/ 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
144.	Leather & footwear - upper/lining/ collar/tongue material	Abrasion resistance of insole	IS 15298-3:2018/IS 15298-4(A1&A2:2019):2017,Cl.4.9.2 of IS 17012:2018,Cl.4.8.2 of IS 17037(A1: 2019):2018/IS 17043 (A1: 2019):2018,Cl.7.5 of IS

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
			16994:2018, Cl. 3.7 of IS 15844 (A1:2019):2010; ISO 20868: 2001
145.	Leather & footwear - upper/lining/ collar/tongue material	Tear strength	Cl. 3.5, 3.6, 3.8, Annex B of IS 15844 (A1: 2019) : 2010, Cl. 6.3 of IS 3976 (A1: 2021) : 2018
146.	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 (A1:2020) :2018; 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 ; Cl. 3.4, 3.8 of IS 15844 (A1: 2019) : 2010; IS 5914 (A1: 1983) :1970 LP:6; IS 578 (A1: 1992 +A2: 1998) :1985; IS 3840 (A1: 2021) :2011; SATRA TM43: 2000
147.	Leather & footwear - upper/lining/ collar/tongue material	Thickness	Cl. 3.5 of IS 5677 (A1: 1993 + A2: 2021): 1986/ Cl. 7.7.1 of IS 5557 Part 2 (A1: 2020): 2018
148.	Rubber/plastic and plastic products	Hardness shore a	ASTM D 2240-15 (2021)/ DIN ISO 48-4: 2021-02/ ISO 868: 2003
149.	Rubber/plastic and plastic products	Tensile strength and elongation	ASTM D 638: 2014/ ISO 527 (Part 1& 2): 2012
150.	Whole footwear	Cold insulation of sole complex	Cl.6.2.3.2 of BS EN ISO 20345:2022/ISO 20345:2021/SASO ISO 20345:2011/BS EN ISO 20346:2022 /ISO 20346:2021/SASO ISO 20346:2004 /SASO ISO

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
			20347:2012/BS EN ISO 20347:2022/ISO 20347:2021/IS 15298-2 (A1 & A2:2019): 2016/IS 15298-3:2018/IS 15298-4(A1 & A2:2019):2017/Cl. 5.16 of BS EN ISO 20344:2021/ISO 20344:2021/Cl.5.13 of SASO ISO 20344:2011/IS 15298- 1:2015/ Cl. 4.5.7 of IS 17012:2018 /IS 17043 (A1: 2021):2018/Cl.4.5.9 of IS 17037(A1: 2021):2018 /Cl.8.7.4 of IS 5557 P-2 (A1: 2020): 2018
151.	Footwear-hawai chappal	Length	IS 1638 (Annex A, Cl. 4.2 of IS:10702 :2023)
152.	Footwear-hawai chappal	Thickness	Cl. 4.3 of IS:10702:2023
153.	Footwear-hawai chappal	Density	Annex C, Cl. 4.4 of IS:10702:2023
154.	Footwear-hawai chappal	Compression set	Annex D, Cl. 4.4 IS:10702:2023
155.	Footwear-hawai chappal	Split tear strength	Annex E, Cl. 4.4 of IS:10702:2023
156.	Footwear-hawai chappal	Shrinkage @ 50 °c ± 1 °c for 24 h for polymeric material	Annex F, Cl. 4.4 of IS:10702:2023
157.	Footwear-hawai chappal	Shrinkage @ 100 °c ± 1 °c for 1 h for rubber	Annex F, Cl. 4.4 of IS:10702:2023
158.	Footwear-hawai chappal: sole material	Abrasion resistance	IS 15298 (Part 1) (Cl. 4.4 of IS:10702 :2023)
159.	Footwear-hawai chappal	Flexing resistance	IS 3400 : Part 16 (Cl. 4.4 of IS:10702 :2023)
160.	Footwear-hawai chappal	Hydrolysis resistance	IS 16645/ISO 5423 (Cl. 4.4 of IS:10702 :2023)

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
161.	Footwear-hawai chappal-strap material	Density of solid strap	Annex 'C', Cl. 4.4 of IS:10702:2023
162.	Footwear-hawai chappal-strap material	Density of cellular strap	Annex 'C', Cl. 4.4 of IS:10702:2023
163.	Footwear-hawai chappal-strap material	Breaking strength	Annex 'G', Cl. 4.4 of IS:10702:2023
164.	Footwear-hawai chappal-strap material	Extension @ break	Annex 'G', Cl. 4.4 of IS:10702:2023
165.	Footwear-hawai chappal-strap material	Cross section	Cl. 4.4 of IS: 10702: 2023
166.	Footwear-hawai chappal-strap material	Stud bolt	Cl. 4.4 of IS: 10702: 2023
167.	Footwear-hawai chappal	Toe post attachment strength	Annex 'H', Cl. 4.4 of IS:10702:2023
168.	Footwear-hawai chappal	Attachment strength of rear strap	Annex 'H', Cl. 4.4 of IS:10702:2023
169.	Footwear-hawai chappal	Inter layer bond strength	IS 15298 : Part 1 (Cl. 4.4 of IS:10702 :2023)
170.	Footwear-sandal and slippers	Tear strength (other than moulded upper material)	Method B of IS 7016 (Part 3/Sec 1) : 2017/ISO 4647-1 : 2016 or IS 8085 (Part 9)/ISO 17696 : 2004 (Cl. 8.1 of IS:6721 :2023)
171.	Footwear-sandal and slippers	Tear strength (for all moulded upper material)	IS 5914 (Part 5/Sec 2)/ISO 3377-2 (Cl. 8.1 of IS:6721 :2023)
172.	Footwear-sandal and slippers	Flexing endurance	IS 8085 (Part 20)/ISO 17694 : 2016 (Cl. 8.1 of IS:6721 :2023)
173.	Footwear-sandal and slippers	Abrasion resistance	IS 8085(Part 6) : 2021/ISO 17704 : 2004 (Cl. 8.2 of IS:6721 :2023)

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
174.	Footwear-sandal and slippers	Tear strength	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)
175.	Footwear-sandal and slippers	Grain crack index	IS 5914 (Part 7)/ISO 3378 : 2002 (Cl. 8.4 of IS:6721 :2023)
176.	Footwear-sandal and slippers	Density	IS 5914 (Part 4) /ISO 2420 : 2017 (Cl. 8.4 of IS:6721 :2023)
177.	Footwear-sandal and slippers	Abrasion resistance (leather sole)	Annex B, Cl. 8.4 of IS:6721 :2023
178.	Footwear-sandal and slippers	Density	IS 3400 (Part 9) : 2020/ISO 2781: 2018; Cl. 8.4 of IS:6721 :2023
179.	Footwear-sandal and slippers: sole material	Abrasion resistance	IS 3400 (Part 3) : 2021/ISO 4649: 2017 (Cl. 8.4 of IS:6721 :2023)
180.	Footwear-sandal and slippers	Flexing resistance	IS 8085 (Part 4) : 2019/ISO 16177 : 2017 (Cl. 8.4 of IS:6721 :2023)
181.	Footwear-sandal and slippers	Bond strength	IS 15298-1 : 2015 (Cl. 8.5 of IS:6721 :2023)
182.	Footwear-sandal and slippers	Toe post attachment strength	Annex C; Cl. 8.5 of IS:6721 :2023
183.	Footwear-sandal and slippers	Toe ring attachment strength	Annex C; Cl. 8.5 of IS:6721 :2023
184.	Footwear-sandal and slippers	Strap to outsole strength	IS 8085 (Part 11)/ISO 24263; Cl. 8.5 of IS:6721 :2023
185.	Footwear-sandal and slippers	Attachment strength of back strap and buckle/d-ring	Annex D; Cl. 8.5 of IS:6721 :2023
186.	Footwear-sandal and slippers	Useful extension limit % of elastic attachment	IS 8085 (Part 12)/ISO 10765
187.	Footwear-sandal and slippers	Attachment strength of back strap and velcro	Annex D; Cl. 8.5 of IS:6721 :2023

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
188.	Footwear-sandal and slippers	Hydrolysis resistance	Annex B and Annex E of IS 16645 : 2018/ISO 5423 : 1992 (Cl. 8.5 of IS:6721 :2023)
189.	Footwear-sandal and slippers	Heel pull off strength	IS 8085 (Part 10)/ ISO 22650 : 2018 (Cl. 8.5 of IS:6721 :2023)
190.	Footwear-sandal and slippers	Inter layer bond strength	IS 15298-1 : 2016 (Cl. 8.5 of IS:6721 :2023)
191.	Footwear-sandal and slippers	Slip resistance	Annex E of IS 15844 (Part 1) (Cl. 8.5 of IS:6721 :2023)
192.	Footwear-sports footwear	Adhesion test	Cl. 4.3.2 & 4.3.3 of IS:6721 :2023
193.	Footwear-sports footwear	Flexing resistance	IS 5914 (Part 6/Sec1)/ISO 5402-1 (Cl. 4.4 of IS:15844 (Part 1) :2023 & Cl. 7.2 of IS:15844 (Part 2) :2023)
194.	Footwear-sports footwear	Tear strength (average force)	IS 5914 (Part 5/Sec 2)/ISO 3377-2 (Cl. 4.4 of IS:15844 (Part 1) :2023 & Cl. 7.2 of IS:15844 (Part 2) :2023)
195.	Footwear-sports footwear	Colour fastness to rubbing/crocking	IS 6191 (Part 4)/ ISO 11640 : 2012 (Cl. 4.4 of IS:15844 (Part 1) :2023 & Cl. 7.2 of IS:15844 (Part 2) :2023)
196.	Footwear-sports footwear	Water vapour permeability	IS 15298 (Part 1) (Cl. 4.4 of IS:15844 (Part 1) :2023 & Cl. 7.2 of IS:15844 (Part 2) :2023)
197.	Footwear-sports footwear	Water vapour coefficient	IS 15298 (Part 1) (Cl. 4.4 of IS:15844 (Part 1) :2023 & Cl. 7.2 of IS:15844 (Part 2) :2023)
198.	Footwear-sports footwear	Stitch tear strength	LP 8 of IS 5914 (Cl. 4.4 of IS:15844 (Part 1) :2023 & Cl. 7.2 of IS:15844 (Part 2) :2023)

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
199.	Footwear-sports footwear	Colour fastness light	IS/ISO 105-B02 (Cl. 4.4 of IS:15844 (Part 1) :2023 & Cl. 7.2 of IS:15844 (Part 2) :2023)
200.	Footwear-sports footwear	Breaking strength	(Cl. 4.4 of IS:15844 (Part 1) :2023)/ 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)
201.	Footwear-sports footwear	Elongation @ break	IS 7016 (Part 2) Method 1/ ISO 1421 : 2016 or ISO 17706 (Cl. 4.4 of IS:15844 (Part 1) :2023 & Cl. 7.2 of IS:15844 (Part 2) :2023)
202.	Footwear-sports footwear	Tear strength	IS 15298 (Part 1) (Cl. 4.4 of IS:15844 (Part 1) :2023 & Cl. 7.2, 7.3 of IS:15844 (Part 2) :2023)
203.	Footwear-sports footwear	Flexing resistance	ISO 17694 (Cl. 4.4 of IS:15844 (Part 1) :2023)
204.	Footwear-sports footwear	Water vapour permeability	IS 15298 (Part 1) (Cl. 4.4 of IS:15844 (Part 1) :2023)
205.	Footwear-sports footwear	Water vapour coefficient	IS 15298 (Part 1) (Cl. 4.4 of IS:15844 (Part 1) :2023)
206.	Footwear-sports footwear	Hydrolysis resistance	IS 16645/ISO 5423 : 1992 (Cl. 4.4 of IS:15844 (Part 1) :2023 & Cl. 7.2 of IS:15844 (Part 2) :2023)
207.	Footwear-sports footwear	Bursting strength	IS 1966 (Part 2)/ISO 13938-2 : 2019 (Cl. 4.4 of IS:15844 (Part 1) :2023 & Cl. 7.2 of IS:15844 (Part 2) :2023)

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
208.	Footwear-sports footwear	Tear strength	IS 15298 (Part 1) (Cl. 4.5 of IS:15844 (Part 1) :2023 & Cl. 7.2, 7.6 of IS:15844 (Part 2) :2023)
209.	Footwear-sports footwear	Abrasion resistance	IS 15298 (Part 1) (Cl. 4.5 of IS:15844 (Part 1) :2023 & Cl. 7.2, 7.3, 7.4 of IS:15844 (Part 2) :2023)
210.	Footwear-sports footwear	Colour fastness to crocking	IS/ISO 105-X12 (Cl. 4.5 of IS:15844 (Part 1) :2023)/ IS/ISO 105-B02 (Cl. 7.2 of IS:15844 (Part 2) :2023)
211.	Footwear-sports footwear	Colour fastness to perspiration	IS 6191 (Part 6)/ISO 11641 (Cl. 4.5 of IS:15844 (Part 1) :2023 & Cl. 7.2, 7.3 of IS:15844 (Part 2) :2023)
212.	Footwear-sports footwear	Water vapour permeability	IS 15298 (Part 1) (Cl. 4.5 of IS:15844 (Part 1) :2023 & Cl. 7.2, 7.3 of IS:15844 (Part 2) :2023)
213.	Footwear-sports footwear	Water vapour coefficient	IS 15298 (Part 1) (Cl. 4.5 of IS:15844 (Part 1) :2023 & Cl. 7.2, 7.3 of IS:15844 (Part 2) :2023)
214.	Footwear-sports footwear	Thickness	IS 15298 (Part 1) (Cl. 4.5 of IS:15844 (Part 1) :2023 & Cl. 7.4, 7.5 of IS:15844 (Part 2) :2023)
215.	Footwear-sports footwear	Flexing index	Annex 'F' of IS:15844 (Part 1) :2023 (Cl. 4.5 of IS:15844 (Part 1) :2023 & Cl. 7.4 of IS:15844 (Part 2) :2023)
216.	Footwear-sports footwear	Water desorption	IS 15298 (Part 1) (Cl. 4.5 of IS:15844 (Part 1) :2023 & Cl. 7.4, 7.5 of IS:15844 (Part 2) :2023)



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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
217.	Footwear-sports footwear	Water absorption	IS 15298 (Part 1) (Cl. 4.5 of IS:15844 (Part 1) :2023 & Cl. 7.4, 7.5 of IS:15844 (Part 2) :2023)
218.	Footwear-sports footwear	Abrasion resistance	IS 3400 (Part 3)/ISO 4649 (Cl. 4.8 of IS:15844 (Part 1) :2023)/ IS 15298 (Part 1) (Cl. 7.4, 7.6 of IS:15844 (Part 2) :2023)
219.	Footwear-sports footwear	Flexing resistance	IS 8085 (Part 4) (Cl. 4.8 of IS:15844 (Part 1) :2023)/ IS 8085 (Part 20)/ISO 17694 (Cl. 7.2, 7.6 of IS:15844 (Part 2) :2023)
220.	Footwear-sports footwear	Flexing resistance	Annex D of IS:15844 (Part 1) :2023/ IS 8085 (Part 4)/ISO 16177 : 2012 IS 8085 (Part 4)/ISO 16177 : 2012 (Cl. 7.6 of IS:15844 (Part 2) :2023)
221.	Footwear-sports footwear	Hydrolysis resistance	IS 15298 (Part 1) (Cl. 4.8 of IS:15844 (Part 1) :2023 & (Cl. 7.6 of IS:15844 (Part 2) :2023)
222.	Footwear-sports footwear	Compression set	Annex G of IS:15844 (Part 1) :2023 (Cl. 7.6, 7.7 of IS:15844 (Part 2) :2023)
223.	Footwear-sports footwear	Split tear strength	Annex H of IS:15844 (Part 1) :2023 (Cl. 7.7 of IS:15844 (Part 2) :2023)
224.	Footwear-sports footwear	Heat shrinkage	Annex J of IS:15844 (Part 1) :2023 & (Cl. 7.5, 7.7 of IS:15844 (Part 2) :2023)

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
225.	Footwear-sports footwear	First dry collapsing load	A-3.2.6 of IS 7554 (Cl. 4.10 of IS:15844 (Part 1) :2023 & (Cl. 7.8 of IS:15844 (Part 2) :2023)
226.	Footwear-sports footwear	Resilience, percent	A-3.4 of IS 7554 (Cl. 4.10 of IS:15844 (Part 1) :2023 & (Cl. 7.8 of IS:15844 (Part 2) :2023)
227.	Footwear-sports footwear	Moisture resistance	A-3.5 of IS 7554 (Cl. 4.10 of IS:15844 (Part 1) :2023 & (Cl. 7.8 of IS:15844 (Part 2) :2023)
228.	Footwear-sports footwear	Initial dry area shape retention	A-3.1 of IS 7554 (Cl. 4.10 of IS:15844 (Part 1) :2023 & (Cl. 7.8 of IS:15844 (Part 2) :2023)
229.	Footwear-sports footwear	Area shape retention after 10 th collapse	A-3.3 of IS 7554 (Cl. 4.10 of IS:15844 (Part 1) :2023 & (Cl. 7.8 of IS:15844 (Part 2) :2023)
230.	Footwear-sports footwear	Peel strength	IS 8085 (Part 18)/ISO 22777 (Cl. 4.11 of IS:15844 (Part 1) :2023)/ Annex C of IS 15844 (Part 1) (Cl. 7.8, 7.9 of IS:15844 (Part 2) :2023)
231.	Footwear-sports footwear	Shear strength	ISO 22776 (Cl. 4.11 of IS:15844 (Part 1) :2023/IS 8085 (Part 19)/ISO 22776 (Cl. 7.9 of IS:15844 (Part 2) :2023)
232.	Footwear-sports footwear	Limit of useful extension %	IS 8085 (Part 12)/ISO 10765 (Cl. 4.12 of IS:15844 (Part 1) :2023 & (Cl. 7.9 of IS:15844 (Part 2) :2023)
233.	Footwear-sports footwear	Breaking strength of lace	Annex 'K' (Cl. 4.13 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 and Leather Products		
234.	Footwear-sports footwear	Lace tag strength	Annex 'L' (Cl. 4.13 of IS:15844 (Part 1) :2023) (Cl. 7.11 of IS:15844 (Part 2) :2023)
235.	Footwear-sports footwear	Lace to lace abrasion	IS 8085 (Part 17)/ISO 22774 (Cl. 4.13 of IS:15844 (Part 1) :2023) (Cl. 7.11 of IS:15844 (Part 2) :2023)
236.	Footwear-sports footwear	Colour fastness to water (for lace)	IS 6191 (Part 2)/ ISO 11642 : 2012 (Cl. 4.13 of IS:15844 (Part 1) :2023) (Cl. 7.11 of IS:15844 (Part 2) :2023)
237.	Footwear-sports footwear	Strength of buckle/ski hook	Annex 'M' (Cl. 4.13 of IS:15844 (Part 1) :2023) (Cl. 7.11 of IS:15844 (Part 2) :2023)
238.	Footwear-sports footwear	Corrosion resistance (metal parts)	IS 17098 (Cl. 4.13 of IS:15844 (Part 1) :2023) (Cl. 7.11 of IS:15844 (Part 2) :2023)
239.	Footwear-sports footwear	Tensile strength	IS 5914 (Part 8)/ISO 3376 (Cl. 7.2 of IS:15844 (Part 2) :2023)/ IS 3400 (Part 1)/ISO 37 : 2017 (Cl. 7.6 of IS:15844 (Part 2) :2023)
240.	Footwear-sports footwear	Elongation @ break	IS 5914 (Part 8)/ISO 3376 (Cl. 7.2 of IS:15844 (Part 2) :2023)/ Method 1 of IS 7016 (Part 2)/ISO 1421 : 2016 or ISO 17706 (Cl. 7.2 of IS:15844 (Part 2) :2023)/ IS 3400 (Part 1)/ISO 37 : 2017 (Cl. 7.6, 7.7 of IS:15844 (Part 2) :2023)
241.	Footwear-sports footwear	Water penetration	IS 15298 (Part 2) (Cl. 7.2 of IS:15844 (Part 2) :2023)

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
242.	Footwear-sports footwear	Water absorption	IS 15298 (Part 2) (Cl. 7.2 of IS:15844 (Part 2) :2023)
243.	Footwear-sports footwear	Abrasion test	IS 15298 (Part 1) (Cl. 7.2 of IS:15844 (Part 2) :2023)
244.	Footwear-sports footwear	Strength of needle perforation	Method 'A' of IS 8085 (Part 13)/ISO 17697 (Cl. 7.2 of IS:15844 (Part 2) :2023)
245.	Footwear-sports footwear	Needle strength	Method 'A' of IS 8085 (Part 13)/ISO 17697 (Cl. 7.9 of IS:15844 (Part 2) :2023)
246.	Footwear-shoes	Design- size	Clause 4.3.1 of IS 17043 (P1):2024
247.	Footwear-shoes	Design- weight	Clause 4.3.2 of IS 17043 (P1):2024
248.	Footwear-shoes	Design- height of upper	Clause 4.4 of IS 17043 (P1):2024
249.	Footwear-shoes	Whole footwear- ergonomic feature	Clause 4.4 of IS 17043 (P1):2024
250.	Footwear-shoes	Whole footwear- bond strength	Clause 4.5.3 of IS 17043 (P1):2024
251.	Footwear-shoes	Whole footwear- upper - outsole bond strength	Clause 4.5.3.1 of IS 17043 (P1):2024
252.	Footwear-shoes	Whole footwear- interlayer bond strength	Clause 4.5.3.2 of IS 17043 (P1):2024
253.	Footwear-shoes	Whole footwear- slip resistance	Clause 4.5.4 of IS 17043 (P1):2024
254.	Footwear-shoes	Whole footwear- electrical properties	Clause 4.5.5 of IS 17043 (P1):2024
255.	Footwear-shoes	Whole footwear- antistatic footwear	Clause 4.5.5.1 of IS 17043 (P1):2024
256.	Footwear-shoes	Whole footwear- heat insulation of sole complex	Clause 4.5.6 of IS 17043 (P1):2024

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
257.	Footwear-shoes	Whole footwear- cold insulation of sole complex	Clause 4.5.7 of IS 17043 (P1):2024
258.	Footwear-shoes	Whole footwear- energy absorption of seat region	Clause 4.5.8 of IS 17043 (P1):2024
259.	Footwear-shoes	Upper- material	Clause 4.6.1 of IS 17043 (P1):2024
260.	Footwear-shoes	Upper- thickness	Clause 4.6.1 of IS 17043 (P1):2024
261.	Footwear-shoes	Upper- tear strength	Clause 4.6.2 of IS 17043 (P1):2024
262.	Footwear-shoes	Upper- water vapour permeability and coefficient	Clause 4.6.3 of IS 17043 (P1):2024
263.	Footwear-shoes	Upper- water penetration and water absorption	Clause 4.6.4 of IS 17043 (P1):2024
264.	Footwear-shoes	Lining material- material	Clause 4.7.1 of IS 17043 (P1):2024
265.	Footwear-shoes	Lining material- thickness	Clause 4.7.1 of IS 17043 (P1):2024
266.	Footwear-shoes	Lining material- tear strength	Clause 4.7.2 of IS 17043 (P1):2024
267.	Footwear-shoes	Lining material- abrasion resistance	Clause 4.7.3 of IS 17043 (P1):2024
268.	Footwear-shoes	Lining material- water vapour permeability and coefficient	Clause 4.7.4 of IS 17043 (P1):2024
269.	Footwear-shoes	Insole- material	Clause 4.8.1 of IS 17043 (P1):2024
270.	Footwear-shoes	Insole- thickness	Clause 4.8.1 of IS 17043 (P1):2024
271.	Footwear-shoes	Insole- abrasion resistance	Clause 4.8.2 of IS 17043 (P1):2024
272.	Footwear-shoes	Insole- water absorption and desorption	Clause 4.8.3 of IS 17043 (P1):2024
273.	Footwear-shoes	Insocks- material	Clause 4.9.1 of IS 17043 (P1):2024
274.	Footwear-shoes	Insocks- thickness	Clause 4.9 of IS 17043 (P1):2024
275.	Footwear-shoes	Insocks- water absorption and desorption	Clause 4.9.2 of IS 17043 (P1):2024
276.	Footwear-shoes	Insocks- abrasion resistance	Clause 4.9.3 of IS 17043 (P1):2024

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
277.	Footwear-shoes	Toe puff and counter stiffener-material and thickness	Clause 4.10 of IS 17043 (P1):2024
278.	Footwear-shoes	Tongue- material	Clause 4.11.1 of IS 17043 (P1):2024
279.	Footwear-shoes	Tongue- thickness	Clause 4.11.1 of IS 17043 (P1):2024
280.	Footwear-shoes	Tongue- tear strength	Clause 4.11.2 of IS 17043 (P1):2024
281.	Footwear-shoes	Closing thread- breaking load	Clause 4.12 of IS 17043 (P1):2024
282.	Footwear-shoes	Outsole- material	Clause 4.13.1 of IS 17043 (P1):2024
283.	Footwear-shoes	Outsole- thickness	Clause 4.13.2 of IS 17043 (P1):2024
284.	Footwear-shoes	Outsole- moulded density	Clause 4.13.3 of IS 17043 (P1):2024
285.	Footwear-shoes	Outsole- hardness	Clause 4.13.4 of IS 17043 (P1):2024
286.	Footwear-shoes	Outsole- ageing test	Clause 4.13.5 of IS 17043 (P1):2024
287.	Footwear-shoes	Outsole- tear strength	Clause 4.13.6 of IS 17043 (P1):2024
288.	Footwear-shoes: sole material	Outsole- abrasion resistance	Clause 4.13.7 of IS 17043 (P1):2024
289.	Footwear-shoes	Outsole- flexing resistance	Clause 4.13.8 of IS 17043 (P1):2024
290.	Footwear-shoes	Eyelet- material	Clause 4.14 of IS 17043 (P1):2024
291.	Footwear-shoes	Eyelet- colour peeling test	Clause 4.14 of IS 17043 (P1):2024
292.	Footwear-shoes	Eyelet- eyelet pull out test	Clause 4.14 of IS 17043 (P1):2024
293.	Footwear-shoes	Laces- material	Clause 4.15.1 of IS 17043 (P1):2024
294.	Footwear-shoes	Laces-breaking load and tag retention	Clause 4.15.2 of IS 17043 (P1):2024
295.	Footwear-shoes	Shape and design	Clause 5.1 of IS 17043 (P1):2024
296.	Footwear-shoes	Construction	Clause 5.2 of IS 17043 (P1):2024
297.	Footwear-shoes	Material	Clause 5.3 of IS 17043 (P1):2024
298.	Footwear-shoes	Bond strength- upper to outsole	IS 15844 (Part 1) Annex C (Clause 5.4 of IS 17043 (P1):2024)
299.	Footwear-shoes	Inter layer bond strength- midsole to outsole	IS 15844 (Part 1) Annex C (Clause 5.4 of IS 17043 (P1):2024)

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
300.	Footwear-shoes	Whole shoe flexing, flexes	IS 8085 (Part 16) Method A (Clause 5.4 of IS 17043 (P1):2024
301.	Footwear-shoes	Water proofness on complete shoe	Clause 5.4 of IS 17043 (P2):2024
302.	Footwear-shoes	Slip resistance	IS 15844 (Part 1) Annex E (Clause 5.4 of IS 17043 (P1):2024)
303.	Footwear-shoes	Attachment strength of strap and buckle/d-ring	IS 6721 Annex D (Clause 5.4 of IS 17043 (P1):2024)
304.	Footwear-shoes	Attachment strength of strap and velcro	IS 6721 Annex D (Clause 5.4 of IS 17043 (P1):2024)
305.	Footwear-shoes	Strength of eyelet attachment	Annex C, Clause 5.4 of IS 17043 (P1):2024
306.	Footwear-shoes	Heel pull off strength	IS 8085 (Part 10) (Clause 5.4 of IS 17043 (P1):2024)
307.	Footwear-shoes	Top piece attachment strength	ISO 19958 (Clause 5.4 of IS 17043 (P1):2024)
308.	Footwear-shoes	Seam strength	IS 8085 (Part 13) Method B (Clause 5.4 of IS 17043 (P1):2024)
309.	Footwear-shoes	Whole shoe topline strength	Annex D, Clause 5.4 of IS 17043 (P1):2024
310.	Footwear-shoes sole material	Abrasion resistance	Clause 5.4 of IS 17043 (P1):2024
311.	Footwear-shoes	Hydrolysis resistance	IS 15298 (Part 1) (Table 1 of IS 17011 (Clause 5.4 of IS 17043 (P2):2024))
312.	Footwear-shoes	Upper material leather-tear strength,	IS 5914 (Part 5/Sec 2)/ ISO 3377-2 (Clause 6.1.1 of IS 17043 (P2):2024))
313.	Footwear-shoes	Upper material leather-flexing resistance	IS 5914 (Part 6/Sec1) (Clause 6.1.1 of IS 17043 (P2):2024))



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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
314.	Footwear-shoes	Upper material leather-colour fastness to rubbing	ISO 11640: 2012 (Clause 6.1.1 of IS 17043 (P2):2024))
315.	Footwear-shoes	Upper material leather-colour fastness to water	ISO 11642 (Clause 6.1.1 of IS 17043 (P2):2024))
316.	Footwear-shoes	Upper material leather-water vapour permeability	IS 15298 (Part 1) (Clause 6.1.1 of IS 17043 (P2):2024))
317.	Footwear-shoes	Upper material leather-water vapour coefficient	IS 15298 (Part 1) (Clause 6.1.1 of IS 17043 (P2):2024))
318.	Footwear-shoes	Upper material leather-stitch tear strength	IS 5914 - LP 8 (Clause 6.1.1 of IS 17043 (P2):2024))
319.	Footwear-shoes	Upper material leather-abrasion resistance	IS 15298 (Part 1) (Clause 6.1.1 of IS 17043 (P2):2024))
320.	Footwear-shoes	Upper material leather-colour fastness to light	IS/ISO 105 B02 (Clause 6.1.2 of IS 17043 (P2):2024))
321.	Footwear-shoes	Upper material leather-water resistance	IS 15298 (Part 1) (Clause 6.1.2 of IS 17043 (P2):2024))
322.	Footwear-shoes	Upper material leather-flexing resistance	IS 5914 (Part 6/Sec1) (Clause 6.1.2 of IS 17043 (P2):2024))
323.	Footwear-shoes	Upper material (non leather)-breaking strength	ISO 17706 (Clause 6.1.3 of IS 17043 (P2):2024))
324.	Footwear-shoes	Upper material (non leather)-elongation at break	ISO 17706 (Clause 6.1.3 of IS 17043 (P2):2024))
325.	Footwear-shoes	Upper material (non leather)-tear strength	IS 7016 (Part 3/Sec 1) Method B (Clause 6.1.3 of IS 17043 (P2):2024))
326.	Footwear-shoes	Upper material (non leather)-strength at needle perforation	IS 8085 (Part13) Method A (Clause 6.1.3 of IS 17043 (P2):2024))
327.	Footwear-shoes	Upper material (non leather)-flexing resistance	IS 8085 (Part 20) (Clause 6.1.3 of IS 17043 (P2):2024))

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
328.	Footwear-shoes	Upper material (non leather)-water vapour permeability	IS 15298 (Part 1) (Clause 6.1.3 of IS 17043 (P2):2024))
329.	Footwear-shoes	Upper material (non leather)-water vapour coefficient	(Clause 6.1.3 of IS 17043 (P2):2024))
330.	Footwear-shoes	Upper material (non leather)-hydrolysis resistance	IS 5914 (Part 6/ Sec 1) (Clause 6.1.3 of IS 17043 (P2):2024))
331.	Footwear-shoes	Upper material (non leather)-abrasion resistance	IS 15298 (Part 1) (Clause 6.1.3 of IS 17043 (P2):2024))
332.	Footwear-shoes	Upper material (non leather)-colour fastness to light	IS/ISO 105 B02 (Clause 6.1.3 of IS 17043 (P2):2024))
333.	Footwear-shoes	Upper material (non leather)-flexing resistance	IS 8085 (Part 20) (Clause 6.1.3 of IS 17043 (P2):2024))
334.	Footwear-shoes	Lining-tear strength	IS 7016 (Part 3/Sec 1) Method B (Clause 6.2 of IS 17043 (P2):2024))
335.	Footwear-shoes	Lining-abrasion resistance	IS 15298 (Part 1) (Clause 6.2 of IS 17043 (P2):2024))
336.	Footwear-shoes	Lining-colour fastness rubbing	IS/ISO 105 X12 (Clause 6.2 of IS 17043 (P2):2024))
337.	Footwear-shoes	Lining-colour fastness to perspiration	IS 6191 (Part 6) (Clause 6.2 of IS 17043 (P2):2024))
338.	Footwear-shoes	Lining-water vapour permeability	IS 15298 (Part 1) (Clause 6.2 of IS 17043 (P2):2024))
339.	Footwear-shoes	Insole-flexing index	IS 15844 (Part 1) Annex F (Clause 6.3 of IS 17043 (P2):2024))
340.	Footwear-shoes	Insole-abrasion resistance at 400 cycles	IS 15298 (Part 1) (Clause 6.3 of IS 17043 (P2):2024))
341.	Footwear-shoes	Insole-water absorption	IS 15298 (Part 1) (Clause 6.3 of IS 17043 (P2):2024))

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
342.	Footwear-shoes	Insole-water desorption	IS 15298 (Part 1) (Clause 6.3 of IS 17043 (P2):2024))
343.	Footwear-shoes	In-sock-thickness	ISO 2589 (Clause 6.4 of IS 17043 (P2):2024))
344.	Footwear-shoes	In-sock-abrasion resistance	IS 15298 (Part 1) (Clause 6.4 of IS 17043 (P2):2024))
345.	Footwear-shoes	In-sock-water absorption	IS 15298 (Part 1) (Clause 6.4 of IS 17043 (P2):2024))
346.	Footwear-shoes	In-sock-water desorption	IS 15298 (Part 1) (Clause 6.3 of IS 17043 (P2):2024))
347.	Footwear-shoes	Outsole-flexing resistance (belt method)	IS 8085 (Part 4) (Clause 6.5.1 of IS 17043 (P2):2024))
348.	Footwear-shoes	Outsole- hydrolysis resistance	IS 15298 (Part 1) (Clause 6.5.1 of IS 17043 (P2):2024))
349.	Footwear-shoes	Outsole-compression set	IS 15844 (Part 1) Annex G (Clause 6.5.1 of IS 17043 (P2):2024))
350.	Footwear-shoes	Leather outsole-grain crack index	ISO 3378 (Clause 6.5.2.1 of IS 17043 (P2):2024))
351.	Footwear-shoes	Leather outsole-density	IS 5914 (Part 4) (Clause 6.5.2.1 of IS 17043 (P2):2024))
352.	Footwear-shoes	Leather outsole-abrasion resistance	IS 6721 Annex B (Clause 6.5.2.1 of IS 17043 (P2):2024))
353.	Footwear-shoes	Leather outsole-water resistance	ISO 5404 (Clause 6.5.2.2 of IS 17043 (P2):2024))
354.	Footwear-shoes	Rubber or polymeric top-lifts-hardness	IS 5676 (Clause 6.5.2.2 of IS 17043 (P2):2024))
355.	Footwear-shoes	Rubber or polymeric top-lifts-density	IS 10702 Annex C (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 and Leather Products		
356.	Footwear-shoes: sole material	Rubber or polymeric top-lifts-abrasion resistance	IS 3400 (Part 3) (Clause 6.5.2.2 of IS 17043 (P2):2024))
357.	Footwear-shoes	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))
358.	Footwear-shoes	Midsole- heat shrinkage	IS 15844 (Part 1) Annex J (Clause 6.6 of IS 17043 (P2):2024))
359.	Footwear-shoes	Midsole- split tear strength	IS 15844 (Part 1) Annex H (Clause 6.6 of IS 17043 (P2):2024))
360.	Footwear-shoes	Midsole- compression set	IS 15844 (Part 1) Annex G (Clause 6.6 of IS 17043 (P2):2024))
361.	Footwear-shoes	Toe and counter stiffener-hardness	IS 7554 Annex A-3.2 (Clause 6.7 of IS 17043 (P2):2024))
362.	Footwear-shoes	Toe and counter stiffener-resilience	IS 7554 Annex A-3.4 (Clause 6.7 of IS 17043 (P2):2024))
363.	Footwear-shoes	Toe and counter stiffener-moisture resistance	IS 7554 Annex A-3.5 (Clause 6.7 of IS 17043 (P2):2024))
364.	Footwear-shoes	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))
365.	Footwear-shoes	Toe and counter stiffener-adhesion strength	IS 15844 (Part 1) (Clause 6.7 of IS 17043 (P2):2024))
366.	Footwear-shoes	Velcro fastener-peel strength	IS 8085 (Part 18) (Clause 6.8 of IS 17043 (P2):2024))
367.	Footwear-shoes	Velcro fastener-shear strength	IS 8085 (Part 19) (Clause 6.8 of IS 17043 (P2):2024))
368.	Footwear-shoes	Velcro fastener-initial	IS 8085 (Part 19) (Clause 6.8 of IS 17043 (P2):2024))

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
369.	Footwear-shoes	Elastic tape-limit of useful extension	IS 8085 (Part 12) (Clause 6.9 of IS 17043 (P2):2024))
370.	Footwear-shoes	Elastic tape-needle strength	IS 8085 (Part 13) Method A (Clause 6.9 of IS 17043 (P2):2024))
371.	Footwear-shoes	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))
372.	Footwear-shoes	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))
373.	Footwear-shoes	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))
374.	Footwear-shoes	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))
375.	Footwear-shoes	Fasteners (lace/buckle/eyelet/d-ring/ski-hook/metal trims)- corrosion resistance	IS 17098 (Clause 6.10 of IS 17043 (P2):2024))
376.	Footwear-shoes	Zipper-fatigue resistance	ISO 10751 (Clause 6.11 of IS 17043 (P2):2024))

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
377.	Footwear-shoes	Zipper-security of puller attachment strength	ISO 10734 (Clause 6.11 of IS 17043 (P2):2024))
378.	Footwear-shoes	Zipper-lateral load	ISO 10764 (Clause 6.11 of IS 17043 (P2):2024))
379.	Footwear-shoes	Zipper-end attachment strength	ISO 10750 (Clause 6.11 of IS 17043 (P2):2024))
380.	Footwear-shoes	Marking	Clause 8.1 of IS 17043 (P2):2024)
381.	Footwear-shoes	Packing	Clause 8.2 of IS 17043 (P2):2024)
382.	Footwear-jungle boots	Design	Clause 5.1 of IS 17861 : 2022
383.	Footwear-jungle boots	Size and fitting	Clause 5.2 of IS 17861 : 2022
384.	Footwear-jungle boots	Height of upper	Clause 5.3 of IS 17861 : 2022
385.	Footwear-jungle boots	Weight	Clause 5.4 of IS 17861 : 2022
386.	Footwear-jungle boots	Construction	Clause 5.5.1.1 of IS 17861 : 2022
387.	Footwear-jungle boots	Upper – outsole bond strength	Clause 5.5.2 of IS 17861 : 2022
388.	Footwear-jungle boots	Consolidation test	Clause 5.5.3 of IS 17861 : 2022
389.	Footwear-jungle boots	Ergonomic features	Clause 5.5.4 of IS 17861 : 2022
390.	Footwear-jungle boots	Slip resistance	Clause 5.5.5 of IS 17861 : 2022
391.	Footwear-jungle boots	Energy absorption of seat region	Clause 5.5.6 of IS 17861 : 2022
392.	Footwear-jungle boots	Water resistance	Clause 5.5.7 of IS 17861 : 2022
393.	Footwear-jungle boots	Penetration resistance	Clause 5.6.1 of IS 17861 : 2022
394.	Footwear-jungle boots	Electrical resistance	Clause 5.6.2 of IS 17861 : 2022
395.	Footwear-jungle boots	Heat insulation of sole complex	Clause 5.6.3 of IS 17861 : 2022
396.	Footwear-jungle boots	Cold insulation of sole complex	Clause 5.6.4 of IS 17861 : 2022
397.	Footwear-jungle boots	Upper- material	Clause 5.7.1 of IS 17861 : 2022
398.	Footwear-jungle boots	Upper- tear strength	Clause 5.7.2 of IS 17861 : 2022
399.	Footwear-jungle boots	Upper- water vapour permeability and coefficient	Clause 5.7.3 of IS 17861 : 2022

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
400.	Footwear-jungle boots	Upper- colour fastness	Clause 5.7.4 of IS 17861 : 2022
401.	Footwear-jungle boots	Lining- material	Clause 5.8.1 of IS 17861 : 2022
402.	Footwear-jungle boots	Lining- tear strength	Clause 5.8.2 of IS 17861 : 2022
403.	Footwear-jungle boots	Lining- abrasion resistance	Clause 5.8.3 of IS 17861 : 2022
404.	Footwear-jungle boots	Lining- water vapour permeability and coefficient	Clause 5.8.4 of IS 17861 : 2022
405.	Footwear-jungle boots	Outer toe cap- tear strength	Clause 5.9.1 of IS 17861 : 2022
406.	Footwear-jungle boots	Binding tape	Clause 5.10 of IS 17861 : 2022
407.	Footwear-jungle boots	Closing thread	Clause 5.11 of IS 17861 : 2022
408.	Footwear-jungle boots	Insole-material and thickness	Clause 5.12.1 of IS 17861 : 2022
409.	Footwear-jungle boots	Insole-abrasion resistance	Clause 5.12.2 of IS 17861 : 2022
410.	Footwear-jungle boots	Insole-water absorption and desorption	Clause 5.12.3 of IS 17861 : 2022
411.	Footwear-jungle boots	Insocks- material and thickness	Clause 5.13.1 of IS 17861 : 2022
412.	Footwear-jungle boots	Insocks- abrasion resistance	Clause 5.13.2 of IS 17861 : 2022
413.	Footwear-jungle boots	Insocks- bond strength of textile layer and insock	Clause 5.13.3 of IS 17861 : 2022
414.	Footwear-jungle boots	Tongue	Clause 5.14 of IS 17861 : 2022
415.	Footwear-jungle boots	Toe puff and counter stiffener	Clause 5.15 of IS 17861 : 2022
416.	Footwear-jungle boots	Sole-material	Clause 5.16.1 of IS 17861 : 2022
417.	Footwear-jungle boots	Sole- thickness	Clause 5.16.2 of IS 17861 : 2022
418.	Footwear-jungle boots	Sole- sole density	Clause 5.16.3 of IS 17861 : 2022
419.	Footwear-jungle boots	Sole- hardness	Clause 5.16.4 of IS 17861 : 2022
420.	Footwear-jungle boots	Sole- ageing	Clause 5.16.5 of IS 17861 : 2022
421.	Footwear-jungle boots	Sole- tear strength	Clause 5.16.6 of IS 17861 : 2022
422.	Footwear-jungle boots: sole material	Sole- abrasion resistance	Clause 5.16.7 of IS 17861 : 2022
423.	Footwear-jungle boots	Sole- flexing resistance	Clause 5.16.8 of IS 17861 : 2022

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
424.	Footwear-jungle boots	Sole- hydrolysis	Clause 5.16.9 of IS 17861 : 2022
425.	Footwear-jungle boots	Sole- interlayer bond strength	Clause 5.16.10 of IS 17861 : 2022
426.	Footwear-jungle boots	Eyelets	Clause 5.17 of IS 17861 : 2022
427.	Footwear-jungle boots	Laces-material	Clause 5.18.1 of IS 17861 : 2022
428.	Footwear-jungle boots	Laces- colour fastness	Clause 5.18.2 of IS 17861 : 2022
429.	Footwear-jungle boots	Laces- breaking load and tag retention	Clause 5.18.3 of IS 17861 : 2022
430.	Footwear-jungle boots	Laces- abrasion resistance	Clause 5.18.4 of IS 17861 : 2022
431.	Footwear-jungle boots	Laces- lace to lace	Clause 5.18.4.1 of IS 17861 : 2022
432.	Footwear-jungle boots	Laces- lace to eyelet	Clause 5.18.4.2 of IS 17861 : 2022
433.	Footwear-jungle boots	Marking	Clause 7 of IS 17043 (P2):2024)
434.	Footwear-shoes	Design	Clause 5 of IS 15844 (Part 3): 2024
435.	Footwear-shoes	Size and fittings	Clause 6 of IS 15844 (Part 3): 2024
436.	Footwear-shoes	Bond performance	Clause 7.1.1 of IS 15844 (Part 3): 2024
437.	Footwear-shoes	Energy absorption at seat region	Clause 7.1.2 of IS 15844 (Part 3): 2024
438.	Footwear-shoes	Complete shoe flexing	Clause 7.1.3 of IS 15844 (Part 3): 2024
439.	Footwear-shoes	Washability	Clause 7.1.4 of IS 15844 (Part 3): 2024
440.	Footwear-shoes	Slip resistance	Clause 7.1.5 of IS 15844 (Part 3): 2024
441.	Footwear-shoes	Heel drop	Clause 7.1.6 of IS 15844 (Part 3): 2024
442.	Footwear-shoes	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)

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
443.	Footwear-shoes	Upper material (leather)- tear strength	IS 5914 (Part 5/Sec 2)/ISO 3377-2 (Clause 7.2 of IS 15844 (Part 3): 2024)
444.	Footwear-shoes	Upper material (leather)- colour fastness rubbing (to and fro) grey scale rate	IS 6191 (Part 4)/ISO 11640 (Clause 7.2 of IS 15844 (Part 3): 2024)
445.	Footwear-shoes	Upper material (leather)- water vapour permeability	IS 15298 (Part 1) (Clause 7.2 of IS 15844 (Part 3): 2024)
446.	Footwear-shoes	Upper material (leather)- water vapour coefficient,	IS 15298 (Part 1) (Clause 7.2 of IS 15844 (Part 3): 2024)
447.	Footwear-shoes	Upper material (leather)- stitch tear strength	LP 8 of IS 5914 (Clause 7.2 of IS 15844 (Part 3): 2024)
448.	Footwear-shoes	Upper material (leather)- colour fastness to light grey scale rate	IS/ISO 105-B02 (Clause 7.2 of IS 15844 (Part 3): 2024)
449.	Footwear-shoes	Upper material (leather)- tensile strength	IS 5914 (Part 8)/ISO 3376 (Clause 7.2 of IS 15844 (Part 3): 2024)
450.	Footwear-shoes	Upper material (leather)- elongation at break	IS 5914 (Part 8)/ISO 3376 (Clause 7.2 of IS 15844 (Part 3): 2024)
451.	Footwear-shoes	Upper material (leather)- abrasion test	IS 15298 (Part 1) (Clause 7.2 of IS 15844 (Part 3): 2024)
452.	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)
453.	Footwear-shoes	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)



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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
454.	Footwear-shoes	Upper material (coated fabric/textile or combinations)-tear strength	IS 15298 (Part 1) (Clause 7.2 of IS 15844 (Part 3): 2024)
455.	Footwear-shoes	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)
456.	Footwear-shoes	Upper material (coated fabric/textile or combinations)-flexing resistance	IS 8085 (Part 20)/ISO 17694 (Clause 7.2 of IS 15844 (Part 3): 2024)
457.	Footwear-shoes	Upper material (coated fabric/textile or combinations)-water vapour permeability	IS 15298 (Part 1) (Clause 7.2 of IS 15844 (Part 3): 2024)
458.	Footwear-shoes	Upper material (coated fabric/textile or combinations)-water vapour coefficient	(IS 15298 (Part 1) (Clause 7.2 of IS 15844 (Part 3): 2024)
459.	Footwear-shoes	Upper material (coated fabric/textile or combinations)-hydrolysis resistance	IS 15298 (Part 1) (Clause 7.2 of IS 15844 (Part 3): 2024)
460.	Footwear-shoes	Upper material (coated fabric/textile or combinations)-colour fastness to light grey scale rate,	IS/ISO 105-B02 (Clause 7.2 of IS 15844 (Part 3): 2024)
461.	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)
462.	Footwear-shoes	Lining material-tear strength	IS 15298 (Part 1) (Clause 7.3 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 and Leather Products		
463.	Footwear-shoes	Lining material-abrasion resistance	IS 15298 (Part 1) (Clause 7.3 of IS 15844 (Part 3): 2024)
464.	Footwear-shoes	Lining material-colour fastness to rubbing	IS/ISO 105-X12 (Clause 7.3 of IS 15844 (Part 3): 2024)
465.	Footwear-shoes	Lining material-colour fastness to perspiration	IS 6191 (Part 6)/ISO 11641 (Clause 7.3 of IS 15844 (Part 3): 2024)
466.	Footwear-shoes	Lining material-water vapour permeability	IS 15298 (Part 1) (Clause 7.3 of IS 15844 (Part 3): 2024)
467.	Footwear-shoes	Lining material-water vapour coefficient	IS 15298 (Part 1) (Clause 7.3 of IS 15844 (Part 3): 2024)
468.	Footwear-shoes	Insole-flexing index	Annex F of IS 15844 (Part 1) (Clause 7.4 of IS 15844 (Part 3): 2024)
469.	Footwear-shoes	Insole-abrasion resistance	IS 15298 (Part 1) (Clause 7.4 of IS 15844 (Part 3): 2024)
470.	Footwear-shoes	Insole-water absorption	IS 15298 (Part 1) (Clause 7.4 of IS 15844 (Part 3): 2024)
471.	Footwear-shoes	Insole-water desorption	IS 15298 (Part 1) (Clause 7.4 of IS 15844 (Part 3): 2024)
472.	Footwear-shoes	In-sock (sockliner) -abrasion resistance	IS 15298 (Part 1) (Clause 7.5 of IS 15844 (Part 3): 2024)
473.	Footwear-shoes	In-sock (sockliner) -water absorption	IS 15298 (Part 1) (Clause 7.5 of IS 15844 (Part 3): 2024)
474.	Footwear-shoes	In-sock (sockliner) -water desorption	IS 15298 (Part 1) (Clause 7.5 of IS 15844 (Part 3): 2024)
475.	Footwear-shoes	In-sock (sockliner) -heat resistance shrinkage linear	Annex J of IS 15844 (Part 1) (Clause 7.5 of IS 15844 (Part 3): 2024)
476.	Footwear-shoes: sole material	Outsole-abrasion resistance	IS 3400 (Part 3)/ ISO 4649 (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 and Leather Products		
477.	Footwear-shoes	Outsole-flexing resistance	ISO 17707 (Clause 7.6 of IS 15844 (Part 3): 2024)
478.	Footwear-shoes	Outsole-hydrolysis resistance	IS 15298 (Part 1) (Clause 7.6 of IS 15844 (Part 3): 2024)
479.	Footwear-shoes	Outsole-tear strength	IS 15298 (Part1) (Clause 7.6 of IS 15844 (Part 3): 2024)
480.	Footwear-shoes	Outsole-tensile strength	IS 3400 (Part 1)/ ISO 37 (Clause 7.6 of IS 15844 (Part 3): 2024)
481.	Footwear-shoes	Outsole-elongation at break percent	IS 3400 (Part 1)/ISO 37 (Clause 7.6 of IS 15844 (Part 3): 2024)
482.	Footwear-shoes	Outsole-compression set percent	Annex of IS 15844 (Part 1) (Clause 7.6 of IS 15844 (Part 3): 2024)
483.	Footwear-shoes	Midsole-compression set	Annex G of IS 15844 (Part 1) (Clause 7.7 of IS 15844 (Part 3): 2024)
484.	Footwear-shoes	Midsole-split tear strength	Annex H of IS 15844 (Part 1) (Clause 7.7 of IS 15844 (Part 3): 2024)
485.	Footwear-shoes	Midsole-heat shrinkage	Annex J of IS 15844 (Part 1) (Clause 7.7 of IS 15844 (Part 3): 2024)
486.	Footwear-shoes	Midsole-elongation at break	IS 3400 (Part 1)/ISO 37 (Clause 7.7 of IS 15844 (Part 3): 2024)
487.	Footwear-shoes	Counter stiffener-first dry collapsing load, hardness	A-3.2.6 (Clause 7.8 of IS 15844 (Part 3): 2024)
488.	Footwear-shoes	Counter stiffener-resilience	A-3.4 (Clause 7.8 of IS 15844 (Part 3): 2024)
489.	Footwear-shoes	Counter stiffener-moisture resistance	A-3.5 (Clause 7.8 of IS 15844 (Part 3): 2024)
490.	Footwear-shoes	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 and Leather Products		
491.	Footwear-shoes	Counter stiffener-area shape retention after 10th collapse	A-3.3 (Clause 7.8 of IS 15844 (Part 3): 2024)
492.	Footwear-shoes	Counter stiffener-peel strength	Annex C of IS 15844 (Part 1) (Clause 7.8 of IS 15844 (Part 3): 2024)
493.	Footwear-shoes	Velcro fastener-peel strength	IS 8085 (Part 18)/ISO 22777 (Clause 7.9 of IS 15844 (Part 3): 2024)
494.	Footwear-shoes	Velcro fastener-shear strength	IS 8085 (Part 19)/ISO 22776 (Clause 7.9 of IS 15844 (Part 3): 2024)
495.	Footwear-shoes	Elastic tape-limit of useful extension	IS 8085 (Part 12)/ISO 10765 (Clause 7.10 of IS 15844 (Part 3): 2024)
496.	Footwear-shoes	Elastic tape-needle strength	Method 'A' of IS 8085 (Part 13)/ISO 17697 (Clause 7.10 of IS 15844 (Part 3): 2024)
497.	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)
498.	Footwear-shoes	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)
499.	Footwear-shoes	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)
500.	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)
501.	Footwear-shoes	Fasteners (lace/buckle/eyelet/d-ring/ski-hook/metal trims)-	Annex M of IS 15844 (Part 1) (Clause 7.11 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 and Leather Products		
		strength of buckle/ski hook/d-ring,	
502.	Footwear-shoes	Fasteners (lace/buckle/eyelet/d-ring/ski-hook/metal trims)-corrosion resistance	IS 17098 (Both Method 1 and Method 2) (Clause 7.11 of IS 15844 (Part 3): 2024)
503.	Footwear-shoes (metal parts)	Spike/ studs-corrosion resistance	IS 17098 (Both Method 1 and Method 2) (Clause 7.11 of IS 15844 (Part 3): 2024)
504.	Leather & synthetic footwears (zipper)	Open-end slide fastener single stringer slider retention	EN 16732
505.	Leather & synthetic footwears (zipper)	Puller attachment	ASTM D2061
506.	Leather & synthetic footwears (zipper)	Strength of closed-end	ASTM D 2061
507.	Leather & synthetic footwears (zipper)	Strength of closed-end	EN 16732ASTM D 2061
508.	Zipper of footwear & footwear product	Strength of open-end slide fastener box	ASTM D 2061
509.	Leather & synthetic footwears (zipper)	Strength of top stop	ASTM D2061, SATRA TM53
510.	Leather & synthetic footwears (zipper)	Lateral strength of open-end attachment	ASTM D 2061, SATRA TM51
511.	Leather & synthetic footwears (zipper)	Strength of puller attachment	EN 16732
512.	Leather & synthetic footwears (zipper)	Zipper fatigue tester/ reciprocating test	ISO 10751
513.	Zipper of footwear & footwear product	Slider fastener to repeated opening and closing	Satra tm50

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
514.	Leather & synthetic footwears (zipper)	Strength of top stop	EN 16732
515.	Leather & synthetic footwears (zipper)	Lateral strength of open-end attachment	EN 16732
516.	Leather & synthetic footwears (zipper)	Lateral strength of slide fastener	EN 16732
517.	Leather & synthetic footwears (zipper)	Open-end slide fastener single stringer slider retention	ASTM D 2061
518.	Leather & synthetic footwears (zipper)	Strength of slide fasteners puller	SATRA TM 52
519.	Footwear (upper & lining)	Vertical wicking test	AATCC 79
520.	Footwear (upper & lining)	Vertical wicking test	SATRA TM 305
521.	Footwear (upper & lining)	Tear strength	ISO 13937-2
522.	Footwear (upper & lining)	Tensile properties	ASTM D5035:
523.	Footwear (upper & lining)	Mass per unit area	ISO 3801(RA 2011)
524.	Footwear (upper & lining)	Colour fastness to water spotting of textiles and coated fabrics	SATRA TM 185
525.	Footwear (upper & lining)	Bursting strength test	ISO 13938-1; IS 1966-1
526.	Rubber and rubber products	Hardness shore a	ISO 868
527.	Leather & footwear - (slide fasteners)	Attachment strength of slide fasteners end stops	SATRA TM 53
528.	Leather & footwear - (slide fasteners)	Lateral strength of slide fastener	SATRA TM 51
529.	Leather & footwear - (slide fasteners)	Security attachment of top stop	IS 14181 PART-2
530.	Leather & footwear - (slide fasteners)	Strength of slide fasteners puller	SATRA TM 52



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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
531.	Leather/textile footwear & accessories	Cf to light	IS 105 B02
532.	Footwear	Whole shoe flexing	ISO 19955:
533.	Leather/ footwear products & accessories	Shoe lace strength	SATRA TM 94:
534.	Leather/ footwear products & accessories	Shoe lace tag strength	SATRA TM 175
535.	Footwear (sole material)	Top-piece attachment	BS 5131: 5.9
536.	Footwear (sole material)	Top-piece attachment	SATRA TM 108
537.	Leather / footwear products & accessories	Knot slippage test	SATRA TM 195
538.	Leather / footwear products & accessories	Hydrolysis test of PU based sheet material	SATRA TM 328
539.	Leather / footwear products & accessories	Heel attachment	BS EN 12785
540.	Leather / footwear products & accessories	Heel attachment	SATRA TM 113
541.	Leather / footwear products & accessories	Determination of distention and strength of surface (ball burst methods)	ISO 3379, IS 14970; SATRA TM 24
542.	Leather / footwear products & accessories	Adhesion of finish	ISO 11644
543.	Leather / footwear products & accessories	Adhesion of finish	SATRA TM 410
544.	Leather & leather products	Determination of resistance to damage by flexing	ISO 132
545.	Leather & leather products	Determination of resistance to damage by flexing	ISO 7854

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
546.	Leather & leather products	Abrasion resistance of leather	SATRA TM 193
547.	Leather & synthetic footwears (zipper)	Slider locking strength of slide fasteners	SATRA TM 226
548.	Leather & synthetic footwears (zipper)	Security of attachment of retainer to lateral load	IS 14181 PART -2
549.	Leather & synthetic footwears (zipper)	Security attachment of bottom stop	IS 14181 PART-2
550.	Leather & synthetic footwears	Resistance to scuffing by mild circular abrasion	SATRA TM 14
551.	Footwears	Mass per unit area	SATRA TM 28
552.	Leather	Determination of dry heat resistance of leather	ISO 17227: 2002
553.	Leather / footwear (sole material)	Bata belt flexing	SATRA TM 133
554.	Leather / footwear	Compression set	SATRA TM 64
555.	Leather / footwear	Grain crack	ISO 3378
556.	Leather / footwear	Grain crack	SATRA TM 48
557.	Leather / footwear	Heel attachment	ISO 12785
558.	Footwear products & accessories	Velcro shear strength	ISO 22776
559.	Footwear products & accessories	Velcro peel strength	ISO 22777
560.	Footwear products & accessories	Velcro peel strength	SATRA TM 123
561.	Footwear products & accessories	Velcro shear strength	SATRA TM 123
562.	Footwear	Whole shoe flexing	SATRA TM 92; ISO 19955

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
563.	Textile footwear products & accessories	Bursting strength	SATRA TM 170, ISO 2759:2014
564.	Leather / footwear	Colour fastness to water	SATRA TM335; ISO 105 E01, ISO 11642
565.	Leather/ footwear products & accessories	Seam strength (dry & wet)	IS 15891-18; ISO 13935-1
566.	Leather/ footwear products & accessories	Puncture resistance test	BS EN 863:
567.	Leather/ footwear products & accessories	Tensile strength (dry & wet)	IS 1989-1: IS 15891-3: ISO 13934-1
568.	Textile footwear products & accessories	Bursting strength test	ISO 13938-1: IS 1966-1
569.	Leather/ footwear products & accessories	Thickness	EN ISO 5084
570.	Textile footwear products & accessories	Fabric width	ISO 3932
571.	Leather/ footwear products & accessories	Breaking strength of buckle - three point bending test	SATRA TM 141
572.	Leather/ footwear products & accessories	Attachments strength of eyelets	SATRA TM 150
573.	Leather / synthetic footwear (zipper)	Strength of open-end slide fastener	EN 16732 ASTM D 2061
574.	Leather / synthetic footwear (zipper)	Strength of slider locking device	ASTM D 2061
575.	Leather / synthetic footwear (zipper)	Strength of slider locking device	EN 16732



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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Toys and Similar 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) (A1: 2017 + A2: 2019): 2014
2.	Activity toys	Corners and edges	Cl.4.1.3 of ISO:8124(P-4) (A1: 2017 + A2: 2019): 2014/ IS:9873(P-4): 2017
3.	Activity toys	Deflation of inflatable	Cl.6.9 of ISO:8124(P-4) (A1: 2017 + A2: 2019): 2014/ IS 9873 (P-4): 2017
4.	Activity toys	Maximum height	Cl.4.1.2 of ISO:8124(P-4) (A1: 2017 + A2: 2019): 2014/ IS:9873(P-4): 2017
5.	Activity toys	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(P-4) (A1: 2017 + A2: 2019): 2014/ IS 9873 (P-4): 2017
6.	Cords, strings and lines for flying toys	Electrical resistance of cords	Cl. 5.11.6 of IS:9873(P-1):2019/ ISO:8124(P-1) (A1 & A2) 2020: 2018/ISO 8124-1:2022
7.	Electrically driven ride-on toys	Speed of electrically driven ride-on toys	Cl.5.17 of IS 9873(P-1): 2019/ ISO 8124 (P-1) (A1: 2020 + A2: 2020): 2018/ISO 8124-1:2022
8.	Expanding materials, small parts, projectile toys with stored energy, mouth actuated toy, magnetic toys	Small parts test	Cl.5.2 of ISO:8124(P-1) (A1: 2018 + A2: 2020): 2018/ IS 9873 (P-1): 2019/ISO 8124-1:2022
9.	Handle or steering wheel of toys	Jaw entrapment test	Cl. 5.39 of IS 9873 (P-1):2019 /ISO:8124(P-1) (A1 & A2: 2020): 2018/ISO 8124-1:2022
10.	Large and bulky toys	Tip-over test	Cl.5.24.3 of IS 9873(P-1): 2019/ ISO 8124 (P-1) (A1: 2020 + A2: 2020): 2018/ISO 8124-1:2022



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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Toys and Similar products		
11.	Large and bulky toys, battery operated toys	Drop test	Cl.5.24.2 of IS 9873 (P-1):2019 /ISO:8124(P-1) (A1 & A2: 2020): 2018/ISO 8124-1:2022
12.	Liquid filled toys	Leakage test	Cl.5.19 of IS 9873(P-1): 2019/ ISO 8124 (P-1) (A1: 2020 + A2: 2020): 2018/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) (A1: 2017 + A2: 2019): 2014/ IS 9873 (P-4): 2017
14.	Mouth-actuated toys	Durability test	Cl.5.20 of IS 9873 (P-1): 2019/ ISO 8124 (P-1) (A1: 2020 + A2: 2020): 2018/ISO 8124-1:2022
15.	Paddling pools toy	Static load test	Cl.6.10 of ISO:8124(P-4) (A1: 2017 + A2: 2019): 2014/ IS 9873 (P-4): 2017
16.	Pompoms toys	Test for pompoms	Cl. 5.5 of IS 9873 (P-1): 2019/ ISO 8124 (P-1) (A1: 2020 + A2: 2020): 2018/ISO 8124-1:2022
17.	Pompoms toys	Test for pompoms	Cl. 5.5 of IS 9873 (P-1): 2019/ ISO 8124 (P-1) (A1: 2020 + A2: 2020): 2018 / ISO 8124-1:2022
18.	Pre-school play figures toys	Template test	Cl. 5.6 of ISO:8124 (P-1) (A1 & A2: 2020): 2018/ IS:9873(P-1): 2019/ ISO 8124-1:2022
19.	Projectiles toys	Kinetic energy test wall impact test	Cl. 5.15.1, Cl. 5.15.2 of IS 9873-1: 2019/ ISO 8124 (P-1) (A1 & A2: 2020): 2018/ ISO 8124-1:2022
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 of IS:9873(P-1):2019/ ISO:8124(P-1)

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Toys and Similar products		
			(A1 & A2: 2020): 2018/ ISO 8124-1:2022
21.	Teethers and teething toys	Teether and teething toys	ASTM F963 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 Clause 4.15 /8.28
23.	Heavy immobile toys / stability of stationary floor toy/toys intended to bear the mass of child	Stability requirements	ASTM F963 Clause 4.15 /8.15
24.	Heavy immobile toys / stability of stationary floor toy/toys intended to bear the mass of child	Abuse testing	ASTM F963 Clause 8.6
25.	Heavy immobile toys / stability of stationary floor toy/toys intended to bear the mass of child	Tension test	ASTM F963 Clause 8.9
26.	Heavy immobile toys / stability of stationary floor toy/toys intended to bear the mass of child	Torque test	ASTM F963 Clause 8.8
27.	Small balls and projectiles toys	Small balls test	Cl. 5.4 of IS:9873 (P-1): 2019 /ISO 8124 (P-1) (A1 & A2: 2020): 2018/ ISO 8124-1:2022
28.	Soft filled toys, beanbag-type toys and other similar filled toys, pompoms, toys with	Tension test	Cl. 5.24.6 of IS 9873(P-1): 2019/ ISO 8124 (P-1) (A1: 2020 + A2: 2020): 2018/ ISO 8124-1:2022

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Toys and Similar products		
	projections, metal wires and rods and projectile toys		
29.	Squeeze toys, rattles, fasteners, and certain other toys	Shape and size	Cl.5.3 of IS 9873 (P-1): 2019/ ISO 8124 (P-1) (A1: 2020 + A2: 2020): 2018/ ISO 8124-1:2022
30.	Swings and similar toys	Static strength	Cl. 6.2 of ISO:8124(P-4) (A1: 2017 + A2: 2019): 2014/ 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 of IS 9873(P-1): 2019/ ISO 8124 (P-1) (A1: 2020 + A2: 2020): 2018/ ISO 8124-1:2022
32.	Toy scooters	Static strength for toy scooters	Cl. 5.26 of IS 9873 (P-1): 2019/ ISO 8124 (P-1) (A1: 2020 + A2: 2020): 2018 /ISO 8124-1:2022
33.	Toys with projectiles	Length of suction cup projectiles	Cl. 5.37 of IS:9873 (P-1):2019 /ISO:8124(P-1) (A1 & A2: 2020): 2018/ ISO 8124-1:2022
34.	Toys with projectiles	Length of suction cup projectiles	Cl. 5.37 of ISO 8124(P-1) (A1 & A2: 2020): 2018/ IS 9873 (P-1): 2019/ ISO 8124-1:2022
35.	Toys	Abuse testing	Cl.8.6 of ASTM F963: 2017/ASTM F963: 2023
36.	Toys	Accessibility of a part or component	Cl. 8.10 OF EN 71-1:2014+A1 : : 2018
37.	Toys with projectiles/flight	Assessment of leading parts of projectiles and flying toys	Cl. 8.43 OF EN 71-1:2014+A1 : : 2018
38.	Toys with chain or cords	Assessment of the tangle potential of two cords or chains	Cl. 8.42 OF EN 71-1:2014+A1 : : 2018
39.	Toys with brake function	Brake performance	Cl. 8.26 OF EN 71-1:2014+A1 : : 2018

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Toys and Similar products		
40.	Toys with brake function	Brake performance for toys scooters	Cl. 5.28 of IS 9873 (P-1):2019 /ISO:8124(P-1) (A1 & A2: 2020): 2018/ISO 8124-1:2022
41.	Toys with breakaway feature	Breakaway feature separation test	Cl. 8.38 OF EN 71-1:2014+A1: 2018
42.	Toys	Compression test	Cl. 8.8 OF EN 71-1:2014+A1: 2018
43.	Toys	Compression test	Cl.8.10 of ASTM F963: 2017, ASTM F 963-2023 16 CFR 1500.49
44.	Toys with cord	Cords cross-sectional dimension	Cl. 8.20 OF EN 71-1:2014+A1: 2018
45.	Toys with sound function	Determination of emission sound pressure levels	Cl. 8.28 OF EN 71-1:2014+A1: 2018
46.	Ride-on toys	Determination of maximum design speed of electrically-driven ride-on toys	Cl. 8.29 OF EN 71-1:2014+A1: 2018
47.	Toys with projectiles	Determination of projectile range	Cl. 8.42 OF EN 71-1:2014+A1: 2018
48.	Toys	Drop test	Cl. 8.5 OF EN 71-1:2014+A1: 2018
49.	Toys	Drop test	Cl. 8.7.1 of ASTM F963: 2017 /ASTM F963: 2023
50.	Mouth-actuated toys	Durability of mouth-actuated toys	Cl. 8.17 OF EN 71-1:2014+A1: 2018
51.	Toys	Durability test for suspension connectors and means of suspension	Cl.6.8 of ISO:8124(P-4) (A1: 2017 + A2: 2019): 2014/ IS 9873 (P-4): 2017
52.	Ride-on toys	Dynamic strength	Cl. 8.22 OF EN 71-1:2014+A1: 2018
53.	Toys	Electric resistivity of cords	Cl. 8.19 OF EN 71-1:2014+A1: 2018
54.	Toys	Expanding materials	Cl. 8.14 OF EN 71-1:2014+A1: 2018 , ASTM F963-23 clause 4.40

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Toys and Similar products		
55.	Toys	Flammability	IS 9873-2: 2017/ISO 8124-2: 2014/EN 71-2: 2020: 2020/ISO 8124-2:2023, 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 71-1:2014+A1: 2018
57.	Toys with metallic wires/rods	Flexure test	Cl. 8.12 of ASTM F963: 2017/ASTM F963: 2023
58.	Toys with folding or sliding mechanisms	Folding or sliding mechanisms	Cl. 8.18 OF EN 71-1:2014+A1: 2018
59.	Toys with geometric shape	Geometric shape of certain toys	Cl. 8.16 OF EN 71-1:2014+A1: 2018
60.	Toys	Impact test	Cl. 8.7 OF EN 71-1:2014+A1: 2018
61.	Toys	Impact tests	Cl. 8.7 of ASTM F963: 2017 /ASTM F963: 2023
62.	Toys	Normal use testing	ASTM F963 Clause 8.5
63.	Toys with projectiles	Kinetic energy of projectiles	Cl. 8.24 OF EN 71-1:2014+A1: 2018
64.	Liquid-filled toys	Leakage of liquid-filled toys	Cl. 8.15 OF EN 71-1:2014+A1: 2018
65.	Toys with cords, chains and electrical cables	Length of cords, chains and electrical cables	Cl. 8.40 OF EN 71-1:2014+A1: 2018
66.	Toys with projectiles	Length of suction cup projectiles	Cl. 8.44 OF EN 71-1:2014+A1: 2018
67.	Toys with magnets	Magnetic flux index	Cl. 8.35 OF EN 71-1:2014+A1: 2018
68.	Toys with temperature function	Measurement of temperature rises	Cl. 8.30 OF EN 71-1:2014+A1: 2018
69.	Toys with cords and chains	Perimeter of cords and chains	Cl. 8.36 OF EN 71-1:2014+A1: 2018
70.	Toys with plastic sheeting	Plastic sheeting	Cl. 8.25 OF EN 71-1:2014+A1: 2018
71.	Toys with self-retracting cords	Self-retracting cords	Cl. 8.39 OF EN 71-1:2014+A1: 2018
72.	Toys	Sharpness of edges	Cl. 8.11 OF EN 71-1:2014+A1: 2018, ASTM F 963-2017, Clause 4.7 16 CFR 1500.49: 2012

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Toys and Similar products		
73.	Toys	Sharpness of points	Cl. 8.12 OF EN 71-1:2014+A1: 2018
74.	Toys	Small balls and suction cups test	Cl. 8.32 OF EN 71-1:2014+A1: 2018
75.	Toys	Small parts cylinder	Cl. 8.2 OF EN 71-1:2014+A1: 2018, ASTM F963-2023, Clause 4.6 16 CFR 1501
76.	Toy with soaking ability	Soaking test	Cl. 8.9 OF EN 71-1:2014+A1: 2018
77.	Toys	Stability	Cl. 8.23 OF EN 71-1:2014+A1: 2018
78.	Toys	Static strength	Cl. 8.21 OF EN 71-1:2014+A1: 2018
79.	Toy scooter	Strength of toy scooter steering tubes	Cl. 8.27 OF EN 71-1:2014+A1: 2018
80.	Toy scooter	Strength of toy scooters steering tubes	Cl. 5.29 of IS 9873 (P-1): 2019/ ISO 8124 (P-1) (A1: 2020 + A2: 2020): 2018 /ISO 8124-1:2022
81.	Toys	Tension test	Cl. 8.4 OF EN 71-1:2014+A1: 2018
82.	Toys with magnets	Tension test for magnets	Cl. 8.34 OF EN 71-1:2014+A1: 2018
83.	Toys	Tension test for removal of components	Cl.8.9, Cl. 8.9.1, Cl. 8.9.2 of ASTM F963: 2017 /ASTM F963: 2023
84.	Play figures	Test for play figures	Cl. 8.33 OF EN 71-1:2014+A1:2018
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 EN 71-1:2014+A1: 2018
87.	Large/bulky toys	Tip over test for large, bulky toys	Cl.8.7.2, Cl.8.7.2.1 of ASTM F963: 2017 /ASTM F963: 2023
88.	Toys	Torque test	Cl. 8.3 OF EN 71-1:2014+A1: 2018
89.	Toys	Torque tests for removal of components	Cl.8.8 of ASTM F963: 2017 /ASTM F963: 2023
90.	Toy with chest lids	Toy chest lids	Cl. 8.31 OF EN 71-1:2014+A1: 2018

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Toys and Similar products		
91.	Ball	Yo-yo balls measurements	Cl. 5.38 of IS 9873(P-1): 2019/ ISO 8124 (P-1) (A1: 2020 + A2: 2020): 2018 /ISO 8124-1:2022
92.	Ball	Yo-yo balls measurements	Cl. 8.37 OF EN 71-1:2014+A1: 2018
93.	Toys containing a heat source	Temperature increase	Cl.5.18 of IS 9873 (P-1): 2019/ ISO 8124 (P-1) (A1: 2020 + A2: 2020): 2018 /ISO 8124-1:2022
94.	Toys having acoustic requirements	Sound pressure level test	Cl. 5.25 of IS 9873(P-1): 2019/ ISO 8124 (P-1) (A1: 2020 + A2: 2020): 2018 /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): 2019/ ISO 8124 (P-1) (A1: 2020 + A2: 2020) : 2018 /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 of IS 9873(P-1): 2019/ ISO 8124 (P-1) (A1: 2020 + A2: 2020): 2018 /ISO 8124-1:2022
97.	Toys with edges, metal wires and rods	Sharp-edge test	Cl. 5.8 of IS 9873 (P-1): 2019/ ISO 8124 (P-1) (A1: 2020 + A2: 2020): 2018 /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 of IS 9873 (P-1):2019 /ISO:8124(P-1) (A1 & A2: 2020): 2018 /ISO 8124-1:2022 / ASTM F963: 2023
99.	Toys with a projection	Torque test	Cl. 5.24.5 of IS 9873(P-1): 2019/ ISO 8124 (P-1) (A1: 2020 + A2: 2020): 2018 /ISO 8124-1:2022

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Toys and Similar products		
100.	Toys with accessible and non-accessible flat surface	Compression Test	Cl. 5.24.7 of IS 9873(P-1): 2019/ ISO 8124 (P-1) (A1: 2020 + A2: 2020): 2018 /ISO 8124-1:2022
101.	Toys with adjustable and folding steering tubes and handlebars	Resistance to separation of handlebar	Cl. 5.30 of IS:9873(P-1):2019 ISO:8124(P-1) (A1& A2: 2020): 2018 /ISO 8124-1:2022
102.	Toys with adjustable and folding steering tubes and handlebars	Resistance to separation of handlebar	Cl. 8.27 of EN 71-1:2014+A1: 2018
103.	Toys with braking requirements, mechanically and electrically powered ride on toys other than toy bicycles	Free-wheeling Facility and Brake performance Test	Cl. 5.16.2, Cl. 5.16.3 of IS 9873(P-1): 2019/ ISO 8124 (P-1) (A1: 2020 + A2: 2020): 2018 /ISO 8124-1:2022
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 of IS 9873(P-1): 2019/ ISO 8124 (P-1) (A1: 2020 + A2: 2020): 2018 /ISO 8124-1:2022
105.	Toys with cords and elastics	Cord Thickness Self-retraction of pull cords	Cl. 5.11.1 of IS 9873(P-1): 2019/ ISO 8124 (P-1) (A1: 2020 + A2: 2020): 2018 /ISO 8124-1:2022
106.	Toys with cords and elastics	Test for cords	Cl. 5.11.1 to 5.11.5 of IS:9873(P-1):2019/ ISO:8124(P-1) (A1 & A2: 2020): 2018 /ISO 8124-1:2022
107.	Toys with Expanding materials	Dimensions - Expanding Materials	Cl.5.21 of IS 9873(P-1): 2019/ ISO 8124 (P-1) (A1: 2020 + A2: 2020): 2018 /ISO 8124-1:2022
108.	Toys with magnetic and magnetic components	Impact test for Magnets	Cl. 5.33 of IS 9873(P-1): 2019/ ISO 8124 (P-1) (A1: 2020 + A2: 2020): 2018 /ISO 8124-1:2022

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Toys and Similar products		
109.	Toys with magnetic and magnetic components	Magnetic Flux Index	Cl. 5.32 of IS:9873 (P-1):2019/ ISO 8124(Part 1) (A1 & A2: 2020): 2018, ISO 8124-1:2022 / ASTM F963: 2023 / 16 CFR Part 1262
110.	Toys with magnet	Magnet Test Method	ASTM F963 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 of IS 9873(P-1): 2019/ ISO 8124 (P-1) (A1: 2020 + A2: 2020): 2018 /ISO 8124-1:2022
112.	Toys with magnetic and magnetic components	Soaking test for Magnet	Cl. 5.34 of IS 9873 (P-1):2019 /ISO:8124(P-1) (A1 & A2: 2020): 2018 /ISO 8124-1:2022
113.	Washable Toys	Weight increase	Cl. 5.23 of IS:9873 (P-1): 2019/ ISO 8124 (P-1) (A1 & A2: 2020): 2018 /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):2019 /ISO:8124(P-1) (A1 & A2: 2020): 2018 /ISO 8124-1:2022



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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	Disperse blue 3	IS 16914 (Part-2 & 3) (Cl. B-10.1 of IS:17011:2018), DIN 54231
2.	Leather, textile & footwear	Disperse blue 7	IS 16914 (Part-2 & 3) (Cl. B-10.1 of IS:17011:2018), DIN 54231
3.	Leather, textile & footwear	Disperse blue 26	IS 16914 (Part-2 & 3) (Cl. B-10.1 of IS:17011:2018), DIN 54231
4.	Leather, textile & footwear	Disperse blue 102	IS 16914 (Part-2 & 3) (Cl. B-10.1 of IS:17011:2018), DIN 54231
5.	Leather, textile & footwear	Disperse brown 1	IS 16914 (Part-2 & 3) (Cl. B-10.1 of IS:17011:2018), DIN 54231
6.	Leather, textile & footwear	Disperse yellow 1	IS 16914 (Part-2 & 3) (Cl. B-10.1 of IS:17011:2018), DIN 54231
7.	Leather, textile & footwear	Disperse yellow 9	IS 16914 (Part-2 & 3) (Cl. B-10.1 of IS:17011:2018), DIN 54231
8.	Leather, textile & footwear	Disperse yellow 39	IS 16914 (Part-2 & 3) (Cl. B-10.1 of IS:17011:2018), DIN 54231
9.	Leather, textile & footwear	Disperse yellow 49	IS 16914 (Part-2 & 3) (Cl. B-10.1 of IS:17011:2018), DIN 54231
10.	Leather, textile & footwear	Disperse orange 1	IS 16914 (Part-2 & 3) (Cl. B-10.1 of IS:17011:2018), DIN 54231
11.	Leather, textile & footwear	Disperse red 11	IS 16914 (Part-2 & 3) (Cl. B-10.1 of IS:17011:2018), DIN 54231
12.	Leather, textile & footwear	Disperse red 17	IS 16914 (Part-2 & 3) (Cl. B-10.1 of IS:17011:2018), DIN 54231
13.	Leather, textile & footwear	Disperse yellow 7	IS 16914 (Part-2 & 3) (Cl. B-10.1 of IS:17011:2018), DIN 54231
14.	Leather, textile & footwear	Disperse yellow 56	IS 16914 (Part-2 & 3) (Cl. B-10.1 of IS:17011:2018), DIN 54231

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
15.	Leather, textile & footwear	Disperse red 151	IS 16914 (Part-2 & 3) (Cl. B-10.1 of IS:17011:2018), DIN 54231
16.	Leather, textile & footwear	Solvent red 23	IS 16914 (Part-2 & 3) (Cl. B-10.1 of IS:17011:2018), DIN 54231
17.	Leather, textile & footwear	Navy blue	IS 16914 (Part-2 & 3) (Cl. B-10.1 of IS:17011:2018), DIN 54231
18.	Leather, textile & footwear	Disperse blue 1	IS 16914 (Part-2 & 3) (Cl. B-10.1 of IS:17011:2018), DIN 54231
19.	Leather, textile & footwear	Disperse blue 35	IS 16914 (Part-2 & 3) (Cl. B-10.1 of IS:17011:2018), DIN 54231
20.	Leather, textile & footwear	Disperse blue 106	IS 16914 (Part-2 & 3) (Cl. B-10.1 of IS:17011:2018), DIN 54231
21.	Leather, textile & footwear	Disperse blue 124	IS 16914 (Part-2 & 3) (Cl. B-10.1 of IS:17011:2018), DIN 54231
22.	Leather, textile & footwear	Disperse yellow 3	IS 16914 (Part-2 & 3) (Cl. B-10.1 of IS:17011:2018), DIN 54231
23.	Leather, textile & footwear	Disperse orange 3	IS 16914 (Part-2 & 3) (Cl. B-10.1 of IS:17011:2018), DIN 54231
24.	Leather, textile & footwear	Disperse orange 37/59/76a)	IS 16914 (Part-2 & 3) (Cl. B-10.1 of IS:17011:2018), DIN 54231
25.	Leather, textile & footwear	Disperse red 1	IS 16914 (Part-2 & 3) (Cl. B-10.1 of IS:17011:2018), DIN 54231
26.	Leather, textile & footwear	Basic red 9	IS 16914 (Part-2 & 3) (Cl. B-10.1 of IS:17011:2018), DIN 54231
27.	Leather, textile & footwear	Violet 3	IS 16914 (Part-2 & 3) (Cl. B-10.1 of IS:17011:2018), DIN 54231
28.	Leather, textile & footwear	Disperse yellow 23	IS 16914 (Part-2 & 3) (Cl. B-10.1 of IS:17011:2018), DIN 54231

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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	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	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.	Leather, textile & footwear	4-chloro-o-toluidine	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
32.	Leather, textile & footwear	2-naphthylamine	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

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
33.	Leather, textile & footwear	O-aminoazotoluene	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
34.	Leather, textile & footwear	2-amino-4-nitrotoluene	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
35.	Leather, textile & footwear	P-chloroaniline	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
36.	Leather, textile & footwear	2,4-diaminoanisole	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

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
37.	Leather, textile & footwear	4,4'-diaminodiphenylmethane	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
38.	Leather, textile & footwear	3,3'-dichlorobenzidine	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
39.	Leather, textile & footwear	3,3'-dimethoxybenzidine	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
40.	Leather, textile & footwear	3,3'-dimethylbenzidine	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

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
41.	Leather, textile & footwear	3,3'-dimethyl-4,4'-diaminodiphenylmethane	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
42.	Leather, textile & footwear	P-cresidine	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
43.	Leather, textile & footwear	4,4'-methylen-bis(2-chloraniline)	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
44.	Leather, textile & footwear	4,4'-oxydianiline	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

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
45.	Leather, textile & footwear	4,4'-thiodianiline	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
46.	Leather, textile & footwear	O-toluidine	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
47.	Leather, textile & footwear	2,4-toluylendiamine	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
48.	Leather, textile & footwear	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

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
49.	Leather, textile & footwear	2,4-dimethylaniline (=2,4-xylydine)	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
50.	Leather, textile & footwear	2,6-dimethylaniline (=2,6-xylydine)	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
51.	Leather, textile & footwear	2-methoxyaniline (=o-anisidine)	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
52.	Leather, textile & footwear	4-aminoazobenzene	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



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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
53.	Leather, textile & footwear	Chromium (vi)	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 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 (A1+A2: 2019)/ IS 15298-3/ IS 15298-4 (A1+A2: 2019/ANNEX XVII TO REACH Entry 47, ISO 20345:2011, ISO 20344
54.	Leather, textile & footwear	Dimethyl fumarate (dmfu)	IS 16991 (Cl. 4.1 of IS:17011:2018), Textile: EN 17130:2019, Leather- ISO 16186
55.	Leather, textile & footwear	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 14184-1
56.	Leather, textile & footwear	Formaldehyde	IS 14563 (Part 1) (Cl. B-12 of IS:17011 :2018), ISO 17226-1, ISO 17226-2
57.	Leather, textile & footwear	Dibutyltin	IS 16981 (Cl. B-19 of IS:17011 :2018)
58.	Leather, textile & footwear	Dibutyltin dichloride	IS 16981 (Cl. B-19 of IS:17011 :2018)
59.	Leather, textile & footwear	Diocetyltn	IS 16981 (Cl. B-19 of IS:17011 :2018)

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
60.	Leather, textile & footwear	Monobutyltin	IS 16981 (Cl. B-19 of IS:17011 :2018)
61.	Leather, textile & footwear	Tributyltin	IS 16981 (Cl. B-19 of IS:17011 :2018)
62.	Leather, textile & footwear	Triphenyltin	IS 16981 (Cl. B-19 of IS:17011 :2018)
63.	Leather, textile & footwear	Monooctyltin	IS 16981 (Cl. B-19 of IS:17011 :2018)
64.	Leather, textile & footwear	Bis(tributyltin)oxide	IS 16981 (Cl. B-19 of IS:17011 :2018)
65.	Leather, textile & footwear	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.	Leather, textile & footwear	2,4,6-trichlorophenol	IS 14575 (Cl. B-27 of IS:17011: 2018), EN ISO 17070: 2015, 64 LFGB B 82.02.8 (KOH): 2001
67.	Leather, textile & footwear	2,3,5-tichlorophenol	IS 14575 (Cl. B-27 of IS:17011: 2018), EN ISO 17070: 2015, 64 LFGB B 82.02.8 (KOH): 2001
68.	Leather, textile & footwear	3,4,5-trichlorophenol	IS 14575 (Cl. B-27 of IS:17011: 2018), EN ISO 17070: 2015, 64 LFGB B 82.02.8 (KOH): 2001
69.	Leather, textile & footwear	2,3,6-trichlorophenol	IS 14575 (Cl. B-27 of IS:17011: 2018), EN ISO 17070: 2015, 64 LFGB B 82.02.8 (KOH): 2001
70.	Leather, textile & footwear	2,3,4-trichlorophenol	IS 14575 (Cl. B-27 of IS:17011: 2018), EN ISO 17070: 2015, 64 LFGB B 82.02.8 (KOH): 2001
71.	Leather, textile & footwear	2,3,4,6-tetrachlorophenol	IS 14575 (Cl. B-27 of IS:17011: 2018), EN ISO 17070: 2015, 64 LFGB B 82.02.8 (KOH): 2001

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
72.	Leather, textile & footwear	2,3,5,6-tetrachlorophenol	IS 14575 (Cl. B-27 of IS:17011: 2018), EN ISO 17070: 2015, 64 LFGB B 82.02.8 (KOH): 2001
73.	Leather, textile & footwear	2,3,4,5-tetrachlorophenol	IS 14575 (Cl. B-27 of IS:17011: 2018), EN ISO 17070: 2015, 64 LFGB B 82.02.8 (KOH): 2001
74.	Leather, textile & footwear	Pentachlorophenol	IS 14575 (Cl. B-27 of IS:17011: 2018), EN ISO 17070: 2015, 64 LFGB B 82.02.8 (KOH): 2001
75.	Leather, textile & footwear	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.	Leather, textile & footwear	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
77.	Leather, textile & footwear	Di-n-octylphthalate	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
78.	Leather, textile & footwear	Di-(2-ethylhexyl)-phthalate	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
79.	Leather, textile & footwear	Di-iso-decylphthalate	IS 16915 (Cl. B-25 of IS:17011: 2018), CPSC-CH-C1001-09.4: 2018, - CA



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	Hazardous & Restricted Chemicals		
			PROP 65, ANNEX XVII TO REACH Entry 51 & 52, 16 CFR Part 1307
80.	Leather, textile & footwear	Butylbenzylphthalate	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
81.	Leather, textile & footwear	Dibutylphthalate	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
82.	Leather, textile & footwear	Di-isobutylphthalate	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
83.	Leather, textile & footwear	Nickel release	EN 1811 and EN 12472 (Cl. B-13.4.3 of IS:17011:2018)
84.	Leather, textile & footwear	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
85.	Leather, textile & footwear	Bisphenol a	Solvent extraction / GC-MS or LC-MS, BSEN 71-9:2005+A1:2007, EN 71-10:2005, EN 71-11:2005, ANNEX XVII TO REACH Entry 66
86.	Leather, textile & footwear	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)

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
87.	Leather, textile & footwear	Determination of dimethyl formamide (DMFA)	ISO/TS 16189: 2013
88.	Leather, textile & footwear	Determination of PFOA & PFOS	EN/TS 15968:2010, ANNEX XVII TO REACH Entry 53 & 68
89.	Leather, textile & footwear	Benzo(a)pyrene	ISO/TS 16190: 2013 European Directive 2005/69/EC ANNEX XVII TO REACH Entry 50 2013, ISO 16190:2021
90.	Leather, textile & footwear	Benzo(e)pyrene	ISO/TS 16190: 2013 European Directive 2005/69/EC ANNEX XVII TO REACH Entry 50 2013, ISO 16190:2021
91.	Leather, textile & footwear	Benz(a)anthracene	ISO/TS 16190: 2013 European Directive 2005/69/EC ANNEX XVII TO REACH Entry 50 2013, ISO 16190:2021
92.	Leather, textile & footwear	Benzo(a)phenanthrene	ISO/TS 16190: 2013 European Directive 2005/69/EC ANNEX XVII TO REACH Entry 50 2013, ISO 16190:2021
93.	Leather, textile & footwear	Benzo(b)fluoranthene	ISO/TS 16190: 2013 European Directive 2005/69/EC ANNEX XVII TO REACH Entry 50 2013, ISO 16190:2021
94.	Leather, textile & footwear	Benzo(j)fluoranthene	ISO/TS 16190: 2013 European Directive 2005/69/EC ANNEX XVII TO REACH Entry 50 2013, ISO 16190:2021

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
95.	Leather, textile & footwear	Benzo(k)flouranthene	ISO/TS 16190: 2013 European Directive 2005/69/EC ANNEX XVII TO REACH Entry 50 2013, ISO 16190:2021
96.	Leather, textile & footwear	Dibenzo(a,h)anthracene	ISO/TS 16190: 2013 European Directive 2005/69/EC ANNEX XVII TO REACH Entry 50 2013, ISO 16190:2021
97.	Leather, textile & footwear	Naphthalene	ISO/TS 16190: 2013 European Directive 2005/69/EC ANNEX XVII TO REACH Entry 50 2013, ISO 16190:2021
98.	Leather, textile & footwear	Acenaphthylene	ISO/TS 16190: 2013 European Directive 2005/69/EC ANNEX XVII TO REACH Entry 50 2013, ISO 16190:2021
99.	Leather, textile & footwear	Acenaphthene	ISO/TS 16190: 2013 European Directive 2005/69/EC ANNEX XVII TO REACH Entry 50 2013, ISO 16190:2021
100.	Leather, textile & footwear	Flourene	ISO/TS 16190: 2013 European Directive 2005/69/EC ANNEX XVII TO REACH Entry 50 2013, ISO 16190:2021
101.	Leather, textile & footwear	Phenanthrene	ISO/TS 16190: 2013 European Directive 2005/69/EC ANNEX XVII TO REACH Entry 50 2013, ISO 16190:2021

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
102.	Leather, textile & footwear	Anthracene	ISO/TS 16190: 2013 European Directive 2005/69/EC ANNEX XVII TO REACH Entry 50 2013, ISO 16190:2021
103.	Leather, textile & footwear	Fluoranthene	ISO/TS 16190: 2013 European Directive 2005/69/EC ANNEX XVII TO REACH Entry 50 2013, ISO 16190:2021
104.	Leather, textile & footwear	Pyrene	ISO/TS 16190: 2013 European Directive 2005/69/EC ANNEX XVII TO REACH Entry 50 2013, ISO 16190:2021
105.	Leather, textile & footwear	Benzo(GH)perylene	ISO/TS 16190: 2013 European Directive 2005/69/EC ANNEX XVII TO REACH Entry 50 2013, ISO 16190:2021
106.	Leather, textile & footwear	Indeno(1,2,3-cd)pyrene	ISO/TS 16190: 2013 European Directive 2005/69/EC ANNEX XVII TO REACH Entry 50 2013, ISO 16190:2021
107.	Leather, textile & footwear	Benzene	ISO 11890-2, EN 1400:2013+A2:2018(EN)
108.	Leather, textile & footwear	Butadiene	ISO 11890-2, EN 1400:2013+A2:2018(EN)
109.	Leather, textile & footwear	4-phenyl-cyclohexane	ISO 11890-2, EN 1400:2013+A2:2018(EN)
110.	Leather, textile & footwear	Styrene	ISO 11890-2, EN 1400:2013+A2:2018(EN)

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
111.	Leather, textile & footwear	Toluene	ISO 11890-2, EN 1400:2013+A2:2018(EN)
112.	Leather, textile & footwear	Vinyl chloride	ISO 11890-2, EN 1400:2013+A2:2018(EN)
113.	Leather, textile & footwear	Vinyl cyclohexane	ISO 11890-2, EN 1400:2013+A2:2018(EN)
114.	Leather, textile & footwear	2,4'-ddt	IS 15651:2006
115.	Leather, textile & footwear	4,4'-ddt	IS 15651:2006
116.	Leather, textile & footwear	4,4'-ddd	IS 15651:2006
117.	Leather, textile & footwear	4,4'-dde	IS 15651:2006
118.	Leather, textile & footwear	Alpha-hch	IS 15651:2006
119.	Leather, textile & footwear	Gamma-hch	IS 15651:2006
120.	Leather, textile & footwear	Aldrin	IS 15651:2006
121.	Leather, textile & footwear	Dieldrin	IS 15651:2006
122.	Leather, textile & footwear	Campechlor	IS 15651:2006
123.	Leather, textile & footwear	Heptachlor	IS 15651:2006
124.	Leather, textile & footwear	Cis-heptachlor-exo-epoxide (isomer b)	IS 15651:2006
125.	Leather, textile & footwear	2,4-d	IS 15651:2006
126.	Leather, textile & footwear	Hexachlorobenzene	DIN 54232:2010
127.	Leather, textile & footwear	1,2,3-trichlorobenzene	DIN 54232:2010
128.	Leather, textile & footwear	1,2,4-trichlorobenzene	DIN 54232:2010
129.	Leather, textile & footwear	1,3,5-trichlorobenzene	DIN 54232:2010
130.	Leather, textile & footwear	1,2,3,4-tetrachlorobenzene	DIN 54232:2010
131.	Leather, textile & footwear	1,2,3,5-tetrachlorobenzene	DIN 54232:2010
132.	Leather, textile & footwear	1,2,4,5-tetrachlorobenzene	DIN 54232:2010
133.	Leather, textile & footwear	Pentachlorobenzene	DIN 54232:2010
134.	Leather, textile & footwear	Monochlorobenzene	DIN 54232:2010

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
135.	Leather, textile & footwear	1,3-dichlorobenzene	DIN 54232:2010
136.	Leather, textile & footwear	1,4-dichlorobenzene	DIN 54232:2010
137.	Leather, textile & footwear	1,2-dichlorobenzene	DIN 54232:2010
138.	Leather, textile & footwear	2-chlorotoluene	DIN 54232:2010
139.	Leather, textile & footwear	3-chlorotoluene	DIN 54232:2010
140.	Leather, textile & footwear	4-chlorotoluene	DIN 54232:2010
141.	Leather, textile & footwear	2,3-dichlorotoluene	DIN 54232:2010
142.	Leather, textile & footwear	2,5-dichlorotoluene	DIN 54232:2010
143.	Leather, textile & footwear	2,6-dichlorotoluene	DIN 54232:2010
144.	Leather, textile & footwear	2,4-dichlorotoluene	DIN 54232:2010
145.	Leather, textile & footwear	3,4-dichlorotoluene	DIN 54232:2010
146.	Leather, textile & footwear	2,3,6-trichlorotoluene	DIN 54232:2010
147.	Leather, textile & footwear	2,4,5-trichlorotoluene	DIN 54232:2010
148.	Leather, textile & footwear	Tetrachlorotoluene	DIN 54232:2010
149.	Leather, textile & footwear	2,3,4,5,6-pentachlorotoluene	DIN 54232:2010
150.	Leather, textile & footwear	Determination of lead in surface coating	CPSC-CH-E1003, 09.1, 16 CFR 1303
151.	Leather, textile & footwear	Cadmium extractability from children's metal jewellery	CPSC-CH-E1004-11-Feb 03
152.	Leather, textile & footwear	Determination of cadmium wet decomposition methods	EN 1122:2002, ANNEX XVII to reach Entry 23
153.	Leather, textile & footwear	Total lead content in substrate for non-metal children's products including children's metal jewellery	CPSC-CH-E1002-08.3
154.	Leather, textile & footwear	Total lead content in substrate for metal children's products	CPSC-CH-E1001-08.3

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
		including children's metal jewellery	
155.	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)
156.	Electronics and electrical products	Determination of flame retardant 2,3,3,4,4,5,5,6-octabromodiphenyl ether (446255-56-7)	IEC 62321-6: 2015, DIRECTIVE 2011/65/EU (2002/95/EC & 2011/65/EU)
157.	Electronics and electrical products	Determination of flame retardant 2,3,4,4-tetrabromodiphenyl ether (189084-62-6)	IEC 62321-6: 2015, DIRECTIVE 2011/65/EU (2002/95/EC & 2011/65/EU)
158.	Electronics and electrical products	Determination of flame retardant, 2,2,3,3,4,4,5,5,6-nonabromobiphenyl (69278-62-2)	IEC 62321-6: 2015, DIRECTIVE 2011/65/EU (2002/95/EC & 2011/65/EU)
159.	Electronics and electrical products	Determination of flame retardant, 2,2',3,3',4,4',5,5',6-nonabromodiphenyl ether (63387-28-0)	IEC 62321-6: 2015, DIRECTIVE 2011/65/EU (2002/95/EC & 2011/65/EU)
160.	Electronics and electrical products	Determination of flame retardant, 2,2,3,3,4,4,5,5-octabromobiphenyl (67889-00-3)	IEC 62321-6: 2015, DIRECTIVE 2011/65/EU (2002/95/EC & 2011/65/EU)
161.	Electronics and electrical products	Determination of flame retardant, 2,2,3,4,4,5-	IEC 62321-6: 2015, DIRECTIVE 2011/65/EU (2002/95/EC & 2011/65/EU)

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
		hexabromodiphenyl ether (18267-30-1)	
162.	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)
163.	Electronics and electrical products	Determination of flame retardant, 2,2',4,5',6-pentabromobiphenyl (59080-39-6)	IEC 62321-6: 2015, DIRECTIVE 2011/65/EU (2002/95/EC & 2011/65/EU)
164.	Electronics and electrical products	Determination of flame retardant, 2,2,4,-tribromodiphenyl ether (41318-75-6)	IEC 62321-6: 2015, DIRECTIVE 2011/65/EU (2002/95/EC & 2011/65/EU)
165.	Electronics and electrical products	Determination of flame retardant, 2,2-dibromobiphenyl (13029-09-9)	IEC 62321-6: 2015, DIRECTIVE 2011/65/EU (2002/95/EC & 2011/65/EU)
166.	Electronics and electrical products	Determination of flame retardant, 2,3,3,4,4,5,5-heptabromobiphenyl (88700-06-5)	IEC 62321-6: 2015, DIRECTIVE 2011/65/EU (2002/95/EC & 2011/65/EU)
167.	Electronics and electrical products	Determination of flame retardant, 2,3,3,4,4,5,6-heptabromodiphenyl ether (189084-68-2)	IEC 62321-6: 2015, DIRECTIVE 2011/65/EU (2002/95/EC & 2011/65/EU)
168.	Electronics and electrical products	Determination of flame retardant, 2,4,5-tribromobiphenyl (115245-07-3)	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		
169.	Electronics and electrical products	Determination of flame retardant, 2-bromobiphenyl (2052-07-5)	IEC 62321-6: 2015, DIRECTIVE 2011/65/EU (2002/95/EC & 2011/65/EU)
170.	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)
171.	Electronics and electrical products	Determination of flame retardant, 3,4-dibromodiphenyl ether (83694-71-7)	IEC 62321-6: 2015, DIRECTIVE 2011/65/EU (2002/95/EC & 2011/65/EU)
172.	Electronics and electrical products	Determination of flame retardant, 3-bromodiphenyl ether (6876-00-2)	IEC 62321-6: 2015, DIRECTIVE 2011/65/EU (2002/95/EC & 2011/65/EU)
173.	Electronics and electrical products	Determination of flame retardant, decabromobiphenyl (13654-09-6)	IEC 62321-6: 2015, DIRECTIVE 2011/65/EU (2002/95/EC & 2011/65/EU)
174.	Electronics and electrical products	Determination of flame retardant, decabromodiphenyl ether (1163-19-5)	IEC 62321-6: 2015, DIRECTIVE 2011/65/EU (2002/95/EC & 2011/65/EU)
175.	Electronics and electrical products	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 62321-2:2013 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
176.	Electronics and electrical products	Determination of certain phthalate substances in	IEC 62321-8: 2017

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
		electrotechnical products by GCMS, BBP (benzyl butyl phthalate)	
177.	Electronics and electrical products	Determination of certain phthalate substances in electrotechnical products by GCMS, DBP (dibutyl phthalate)	IEC 62321-8: 2017
178.	Electronics and electrical products	Determination of certain phthalate substances in electrotechnical products by GCMS, DEHP (di(2-ethylhexyl) phthalate)	IEC 62321-8: 2017
179.	Electronics and electrical products	Determination of certain phthalate substances in electrotechnical products by gcms, dibp (diisobutyl phthalate)	IEC 62321-8: 2017
180.	Leather, textile & footwear	Specific migration of heavy metal-arsenic (as)	BS EN 13130-1: 2004
181.	Leather, textile & footwear	Specific migration of heavy metal-arsenic (as)	BS EN 13130-1: 2004
182.	Leather, textile & footwear	Specific migration of heavy metal-barium (ba)	BS EN 13130-1: 2004
183.	Leather, textile & footwear	Specific migration of heavy metal-beryllium (be)	BS EN 13130-1: 2004
184.	Leather, textile & footwear	Specific migration of heavy metal-copper (cu)	BS EN 13130-1: 2004



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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
185.	Leather, textile & footwear	Specific migration of heavy metal-manganese (mn)	BS EN 13130-1: 2004
186.	Leather, textile & footwear	Specific migration of heavy metal-tin (Sn)	BS EN 13130-1: 2004
187.	Leather, textile & footwear	Specific migration of heavy metal-vanadium (v)	BS EN 13130-1: 2004
188.	Leather, textile & footwear	Specific migration of heavy metal-zinc (Zn)	BS EN 13130-1: 2004
189.	Leather, textile & footwear	Specific migration of heavy metal-antimony (Sb)	BS EN 13130-1: 2004
190.	Leather, textile & footwear	Specific migration of heavy metal-barium (Ba)	BS EN 13130-1: 2004
191.	Leather, textile & footwear	Specific migration of heavy metal-lead (Pb)	BS EN 13130-1: 2004
192.	Leather, textile & footwear	Specific migration of heavy metal-magnesium (Mg)	BS EN 13130-1: 2004
193.	Leather, textile & footwear	Specific migration of heavy metal-thallium (Tl)	BS EN 13130-1: 2004
194.	Leather, textile & footwear	Specific migration of heavy metal-titanium (Ti)	BS EN 13130-1: 2004
195.	Leather, textile & footwear	Specific migration of heavy metal- iron (Fe)	BS EN 13130-1: 2004
196.	Leather, textile & footwear	Specific migration of heavy metal- molybdenum (Mo)	BS EN 13130-1: 2004
197.	Leather, textile & footwear	Specific migration of heavy metal-aluminum (Al)	BS EN 13130-1: 2004
198.	Leather, textile & footwear	Specific migration of heavy metal-beryllium (Be)	BS EN 13130-1: 2004

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
199.	Leather, textile & footwear	Specific migration of heavy metal-cadmium (Cd)	BS EN 13130-1: 2004
200.	Leather, textile & footwear	Specific migration of heavy metal-chromium (Cr)	BS EN 13130-1: 2004
201.	Leather, textile & footwear	Specific migration of heavy metal-cobalt (co)	BS EN 13130-1: 2004
202.	Leather, textile & footwear	Specific migration of heavy metal-lithium (li)	BS EN 13130-1: 2004
203.	Leather, textile & footwear	Specific migration of heavy metal-mercury (hg)	BS EN 13130-1: 2004
204.	Leather, textile & footwear	Specific migration of heavy metal-nickel (ni)	BS EN 13130-1: 2004
205.	Leather, textile & footwear	Specific migration of heavy metal-silver (ag)	BS EN 13130-1: 2004
206.	Leather, textile & footwear	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
207.	Leather, textile & footwear	Sensorial test	DIN 10955: 2004
208.	Leather, textile & footwear	Migration of heavy metal-antimony	IS 5168: 2018
209.	Leather, textile & footwear	Migration of heavy metal-barium	IS 5168: 2018
210.	Leather, textile & footwear	Migration of heavy metal-cobalt	IS 5168: 2018

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
211.	Leather, textile & footwear	Migration of heavy metal-copper	IS 5168: 2018
212.	Leather, textile & footwear	Migration of heavy metal-iron	IS 5168: 2018
213.	Leather, textile & footwear	Migration of heavy metal-lithium	IS 5168: 2018
214.	Leather, textile & footwear	Migration of heavy metal-manganese	IS 5168: 2018
215.	Leather, textile & footwear	Migration of heavy metal-zinc	IS 5168: 2018
216.	Leather, textile & footwear	Total ash	IS 579: 2017
217.	Leather, textile & footwear	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
218.	Leather, textile & footwear	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
219.	Leather, textile & footwear	Total ash	IS 582: 1970 + A1: 1976
220.	Leather, textile & footwear	Heavy metals	IS 582 (Part 6 /Sec 1): 2018
221.	Leather, textile & footwear	Azo-dyes	IS 582 (Part 5/ Sec 1): 2018
222.	Leather, textile & footwear	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
223.	Leather, textile & footwear	Lead content	Cl. 5.7 of IS 12254: 1993
224.	Leather, textile & footwear	Sulphur dyes	Cl. 4.2.1 of IS 12254: 1993
225.	Leather, textile & footwear	Lead content	Cl. 4.1 Appendix A-6 of IS 6721: 1972
226.	Leather, textile & footwear	Lead content	Cl. 5.7 of IS 12254: 1993

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	Hazardous & Restricted Chemicals		
227.	Leather, textile & footwear	Sulphur dyes	Cl. 4.2.1 of IS 12254: 1993
228.	Leather, textile & footwear	Free sulphur	Cl. 8 (Table 6) of IS 3976 (A1: 2021): 2018
229.	Leather, textile & footwear	Ph value of aqueous extract	Cl. 8 (Table 6) of IS 3976 (A1: 2021): 2018
230.	Leather, textile & footwear	Sulphur dyes	Cl. 5.2.3.1, 5.2.6 and 5.2.8.3 of IS 3976 (A1: 2021): 2018
231.	Leather, textile & footwear	Azo-dyes	Cl. 8 (Table 6) of IS 3976 (A1: 2021): 2018
232.	Leather, textile & footwear	Determination of total concentration of certain elements, aluminium (Al)	ISO 17072-2: 2019
233.	Leather, textile & footwear	Determination of total concentration of certain elements, antimony (Sb)	ISO 17072-2: 2019
234.	Leather, textile & footwear	Determination of total concentration of certain elements, arsenic (As)	ISO 17072-2: 2019
235.	Leather, textile & footwear	Determination of total concentration of certain elements, barium (Ba)	ISO 17072-2: 2019
236.	Leather, textile & footwear	Determination of total concentration of certain elements, boron (b)	ISO 17072-2: 2019
237.	Leather, textile & footwear	Determination of total concentration of certain elements, cadmium (Cd)	ISO 17072-2: 2019

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Valid Until: 16 July 2026

Accreditation Standard: ISO/IEC 17025:2017

Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
238.	Leather, textile & footwear	Determination of total concentration of certain elements, chromium (Cr)	ISO 17072-2: 2019
239.	Leather, textile & footwear	Determination of total concentration of certain elements, cobalt (Co)	ISO 17072-2: 2019
240.	Leather, textile & footwear	Determination of total concentration of certain elements, copper (Cu)	ISO 17072-2: 2019
241.	Leather, textile & footwear	Determination of total concentration of certain elements, ferrum (Fe)	ISO 17072-2: 2019
242.	Leather, textile & footwear	Determination of total concentration of certain elements, lead (Pb)	ISO 17072-2: 2019
243.	Leather, textile & footwear	Determination of total concentration of certain elements, manganese (Mn)	ISO 17072-2: 2019
244.	Leather, textile & footwear	Determination of total concentration of certain elements, mercury (Hg)	ISO 17072-2: 2019
245.	Leather, textile & footwear	Determination of total concentration of certain elements, nickel (Ni)	ISO 17072-2: 2019
246.	Leather, textile & footwear	Determination of total concentration of certain elements, selenium (Se)	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		
247.	Leather, textile & footwear	Determination of total concentration of certain elements, strontium (Sr)	ISO 17072-2: 2019
248.	Leather, textile & footwear	Determination of total concentration of certain elements, tin (Sn)	ISO 17072-2: 2019
249.	Leather, textile & footwear	Determination of total concentration of certain elements, zinc (Zn)	ISO 17072-2: 2019
250.	Leather, textile & footwear	Aluminium	IS 798: 2020
251.	Leather, textile & footwear	Antimony	IS 798: 2020
252.	Leather, textile & footwear	Arsenic	IS 798: 2020
253.	Leather, textile & footwear	Calcium	IS 798: 2020
254.	Leather, textile & footwear	Chlorides	IS 798: 2020
255.	Leather, textile & footwear	Iron	IS 798: 2020
256.	Leather, textile & footwear	Lead	IS 798: 2020
257.	Leather, textile & footwear	Magnesium	IS 798: 2020
258.	Leather, textile & footwear	Manganese	IS 798: 2020
259.	Leather, textile & footwear	Mercury	IS 798: 2020
260.	Leather, textile & footwear	Molybdenum	IS 798: 2020
261.	Leather, textile & footwear	Nitrates	IS 798: 2020
262.	Leather, textile & footwear	Oxygen absorbed	IS 798: 2020
263.	Leather, textile & footwear	Relative density	IS 798: 2020
264.	Leather, textile & footwear	Silica	IS 798: 2020
265.	Leather, textile & footwear	Sulphates	IS 798: 2020
266.	Leather, textile & footwear	Volatile acids	IS 798: 2020
267.	Leather, textile & footwear	Orthophosphoric acid (H ₃ PO ₄), percent by mass, min	IS 798: 2020

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
268.	Leather, textile & footwear	Migration of heavy metal - barium	IS 14625 (A1: 2016 + A2: 2019+ A3: 2021 + A4: 2022): 2015
269.	Leather, textile & footwear	Migration of heavy metal-antimony	IS 14625 (A1: 2016 + A2: 2019+ A3: 2021 + A4: 2022): 2015
270.	Leather, textile & footwear	Migration of heavy metal-cobalt	IS 14625 (A1: 2016 + A2: 2019+ A3: 2021 + A4: 2022): 2015
271.	Leather, textile & footwear	Migration of heavy metal-copper	IS 14625 (A1: 2016 + A2: 2019+ A3: 2021 + A4: 2022): 2015
272.	Leather, textile & footwear	Migration of heavy metal-iron	IS 14625 (A1: 2016 + A2: 2019+ A3: 2021 + A4: 2022): 2015
273.	Leather, textile & footwear	Migration of heavy metal-lithium	IS 14625 (A1: 2016 + A2: 2019+ A3: 2021 + A4: 2022): 2015
274.	Leather, textile & footwear	Migration of heavy metal-manganese	IS 14625 (A1: 2016 + A2: 2019+ A3: 2021 + A4: 2022): 2015
275.	Leather, textile & footwear	Migration of heavy metal-zinc	IS 14625 (A1: 2016 + A2: 2019+ A3: 2021 + A4: 2022): 2015
276.	Leather, textile & footwear	Phthalic acid (DEHP)	IS 14625 (A1: 2016 + A2: 2019+ A3: 2021 + A4: 2022): 2015
277.	Leather, textile & footwear	Leachable lead and cadmium from ceramic surfaces	ASTM C738 -1994 (RA 2016), Health Canada Method C10-2017, Health Canada Method C-09-2012, ISO 7086-1:2000, ISO 6486-1:1999, ISO 6486-2:2015, ASTM C927-1980 (RA 2014), BS EN 1388-1 :1996, BS EN 1388-2:1996
278.	Leather, textile & footwear	Manganese	IS 17439: 2020
279.	Leather, textile & footwear	Aluminium	IS 17439: 2020
280.	Leather, textile & footwear	Antimony	IS 17439: 2020

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
281.	Leather, textile & footwear	Arsenic	IS 17439: 2020
282.	Leather, textile & footwear	Calcium	IS 17439: 2020
283.	Leather, textile & footwear	Chlorides	IS 17439: 2020
284.	Leather, textile & footwear	Iron	IS 17439: 2020
285.	Leather, textile & footwear	Lead	IS 17439: 2020
286.	Leather, textile & footwear	Magnesium	IS 17439: 2020
287.	Leather, textile & footwear	Mercury	IS 17439: 2020
288.	Leather, textile & footwear	Molybdenum	IS 17439: 2020
289.	Leather, textile & footwear	Nitrates	IS 17439: 2020
290.	Leather, textile & footwear	Phosphoric acid h3 po4 (percent by mass)	IS 17439: 2020
291.	Leather, textile & footwear	Phosphorus pentoxide p2 o5 (percent by mass)	IS 17439: 2020
292.	Leather, textile & footwear	Relative density	IS 17439: 2020
293.	Leather, textile & footwear	Silica	IS 17439: 2020
294.	Leather, textile & footwear	Sulphates	IS 17439: 2020
295.	Leather, textile & footwear	Migration of certain elements-lead (Pb)	EN 16711-2:2015/ BS EN 16711-2: 2021
296.	Leather, textile & footwear	Migration of certain elements, nickel (Ni)	EN 16711-2:2015/ BS EN 16711-2: 2021
297.	Leather, textile & footwear	Migration of certain elements, cobalt (Co)	EN 16711-2:2015/ BS EN 16711-2: 2021
298.	Leather, textile & footwear	Migration of certain elements, arsenic (As)	EN 16711-2:2015/ BS EN 16711-2: 2021
299.	Leather, textile & footwear	Migration of certain elements, copper (Cu)	EN 16711-2:2015/ BS EN 16711-2: 2021
300.	Leather, textile & footwear	Migration of certain elements, mercury (Hg)	EN 16711-2:2015/ BS EN 16711-2: 2015

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
301.	Leather, textile & footwear	Migration of certain elements, antimony (Sb)	EN 16711-2:2015/ BS EN 16711-2: 2021
302.	Leather, textile & footwear	Migration of certain elements, cadmium (Cd)	EN 16711-2:2015/ BS EN 16711-2: 2021
303.	Leather, textile & footwear	Migration of certain elements, chromium (Cr)	EN 16711-2:2015/ BS EN 16711-2: 2021
304.	Leather, textile & footwear	Aluminium	EN 71-3 (A1: 2021): 2019, EN 16711-3:2019/ BS EN 16711-3
305.	Leather, textile & footwear	Antimony	EN 71-3 (A1: 2021): 2019, EN 16711-3:2019/ BS EN 16711-3
306.	Leather, textile & footwear	Arsenic	EN 71-3 (A1: 2021): 2019, EN 16711-3:2019/ BS EN 16711-3
307.	Leather, textile & footwear	Barium	EN 71-3 (A1: 2021): 2019, EN 16711-3:2019/ BS EN 16711-3
308.	Leather, textile & footwear	Boron	EN 71-3 (A1: 2021): 2019, EN 16711-3:2019/ BS EN 16711-3
309.	Leather, textile & footwear	Cadmium	EN 71-3 (A1: 2021): 2019, EN 16711-3:2019/ BS EN 16711-3
310.	Leather, textile & footwear	Chromium (iii)	EN 71-3 (A1: 2021): 2019, EN 16711-3:2019/ BS EN 16711-3
311.	Leather, textile & footwear	Chromium (vi)	EN 71-3 (A1: 2021): 2019, EN 16711-3:2019/ BS EN 16711-3
312.	Leather, textile & footwear	Cobalt	EN 71-3 (A1: 2021): 2019, EN 16711-3:2019/ BS EN 16711-3
313.	Leather, textile & footwear	Copper	EN 71-3 (A1: 2021): 2019, EN 16711-3:2019/ BS EN 16711-3
314.	Leather, textile & footwear	Lead	EN 71-3 (A1: 2021): 2019, EN 16711-3:2019/ BS EN 16711-3

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
315.	Leather, textile & footwear	Manganese	EN 71-3 (A1: 2021): 2019, EN 16711-3:2019/ BS EN 16711-3
316.	Leather, textile & footwear	Mercury	EN 71-3 (A1: 2021): 2019, EN 16711-3:2019/ BS EN 16711-3
317.	Leather, textile & footwear	Nickel	EN 71-3 (A1: 2021): 2019, EN 16711-3:2019/ BS EN 16711-3
318.	Leather, textile & footwear	Organic tin	EN 71-3 (A1: 2021): 2019, EN 16711-3:2019/ BS EN 16711-3
319.	Leather, textile & footwear	Selenium	EN 71-3 (A1: 2021): 2019, EN 16711-3:2019/ BS EN 16711-3
320.	Leather, textile & footwear	Strontium	EN 71-3 (A1: 2021): 2019, EN 16711-3:2019/ BS EN 16711-3
321.	Leather, textile & footwear	Tin	EN 71-3 (A1: 2021): 2019, EN 16711-3:2019/ BS EN 16711-3
322.	Leather, textile & footwear	Zinc	EN 71-3 (A1: 2021): 2019, EN 16711-3:2019/ BS EN 16711-3
323.	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/Amd.1:2023, IS 9873-7
324.	Toys, sports equipment and similar products	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
325.	Toys, sports equipment and similar products	Migration of certain elements safety of toys part 3 migration of certain elements, barium (Ba)	ISO 8124-3:2020/Amd.1:2023, IS 9873-7
326.	Toys, sports equipment and similar products	Migration of certain elements safety of toys part 3 migration	ISO 8124-3:2020/Amd.1:2023, IS 9873-7

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
		of certain elements, cadmium (Cd)	
327.	Toys, sports equipment and similar products	Migration of certain elements safety of toys part 3 migration of certain elements, chromium (Cr)	ISO 8124-3:2020/Amd.1:2023, IS 9873-7
328.	Toys, sports equipment and similar products	Migration of certain elements safety of toys part 3 migration of certain elements, lead (Pb)	ISO 8124-3:2020/Amd.1:2023, IS 9873-7
329.	Toys, sports equipment and similar products	Migration of certain elements safety of toys part 3 migration of certain elements, mercury (Hg)	ISO 8124-3:2020/Amd.1:2023, IS 9873-7
330.	Toys, sports equipment and similar products	Migration of certain elements safety of toys part 3 migration of certain elements, selenium (Se)	ISO 8124-3:2020/Amd.1:2023, IS 9873-7
331.	Toys, sports equipment and similar products	Migration of certain elements safety of toys part 3 migration of certain elements, boron (b)	ISO 8124-3:2020/Amd.1:2023, IS 9873-7
332.	Toys, sports equipment and similar products	Migration of certain elements safety of toys part 3 migration of certain elements, antimony (Sb)	IS 9873-3: 2020
333.	Toys, sports equipment and similar products	Migration of certain elements safety of toys part 3 migration of certain elements, arsenic (As)	IS 9873-3: 2020

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
334.	Toys, sports equipment and similar products	Migration of certain elements safety of toys part 3 migration of certain elements, barium (Ba)	IS 9873-3: 2020
335.	Toys, sports equipment and similar products	Migration of certain elements safety of toys part 3 migration of certain elements, cadmium (Cd)	IS 9873-3: 2020
336.	Toys, sports equipment and similar products	Migration of certain elements safety of toys part 3 migration of certain elements, chromium (Cr)	IS 9873-3: 2020
337.	Toys, sports equipment and similar products	Migration of certain elements safety of toys part 3 migration of certain elements, lead (PB)	IS 9873-3: 2020
338.	Toys, sports equipment and similar products	Migration of certain elements safety of toys part 3 migration of certain elements, mercury (HG)	IS 9873-3: 2020
339.	Toys, sports equipment and similar products	Migration of certain elements safety of toys part 3 migration of certain elements, selenium (SE)	IS 9873-3: 2020
340.	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): 2017, IS 9873 (Part 9)



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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
341.	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): 2017, IS 9873 (Part 9)
342.	Toys, sports equipment and similar products	Safety of toys part 6 & 9 determination of certain phthalate esters in toys and children's products, butyl benzyl phthalate (BBP)	IS 9873 (Part 6): 2017, IS 9873 (Part 9)
343.	Toys, sports equipment and similar products	Safety of toys part 6 & 9 determination of certain phthalate esters in toys and children's products, di-iso-decyl phthalate (DIDP)	IS 9873 (Part 6): 2017, IS 9873 (Part 9)
344.	Toys, sports equipment and similar products	Safety of toys part 6 & 9 determination of certain phthalate esters in toys and children's products, di-iso-nonyl phthalate (DINP)	IS 9873 (Part 6): 2017, IS 9873 (Part 9)
345.	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-octyl phthalate (DNOP)	IS 9873 (Part 6): 2017, IS 9873 (Part 9)
346.	Toys, sports equipment and similar products	Determination of total concentration Of certain elements. Lead (Pb) Cadmium (Cd) Alluminium (Al) Antimony	EN 16711-1:2015

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
		(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)	
347.	Toys, sports equipment and similar products	Determination of certain phthalate esters di iso butyl phthalate (DIBP)	ISO 14389: 2014
348.	Toys, sports equipment and similar products	Determination of certain phthalate esters, bis(2-ethylhexyl) phthalate (DEHP)	ISO 14389: 2014
349.	Toys, sports equipment and similar products	Determination of certain phthalate esters, butyl benzyl phthalate (BBP)	ISO 14389: 2014
350.	Toys, sports equipment and similar products	Determination of certain phthalate esters, di n hexyl phthalate	ISO 14389: 2014
351.	Toys, sports equipment and similar products	Determination of certain phthalate esters, di-iso-decyl phthalate (DIDP)	ISO 14389: 2014
352.	Toys, sports equipment and similar products	Determination of certain phthalate esters, di-iso-nonyl phthalate (DINP)	ISO 14389: 2014
353.	Toys, sports equipment and similar products	Determination of certain phthalate esters, di-n-butyl phthalate (DBP)	ISO 14389: 2014

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
354.	Toys, sports equipment and similar products	Determination of certain phthalate esters, di-n-octyl phthalate (DNOP)	ISO 14389: 2014
355.	Toys, sports equipment and similar products	Poly chlorinated biphenyl (PCB), benzo [a]pyrene	IS 9873-7: 2017
356.	Toys, sports equipment and similar products	N-nitroso dimethylamine	IS 9873-7: 2017, EN 71-12:2013
357.	Toys, sports equipment and similar products	N-nitrosodiethylamine	IS 9873-7: 2017, EN 71-12:2013
358.	Toys, sports equipment and similar products	N-nitrosodipropylamine	IS 9873-7: 2017, EN 71-12:2013
359.	Toys, sports equipment and similar products	N-nitrosodibutylamine	IS 9873-7: 2017, EN 71-12:2013
360.	Toys, sports equipment and similar products	N-nitrosopiperidine	IS 9873-7: 2017, EN 71-12:2013
361.	Toys, sports equipment and similar products	N-nitroso pyrrolidine	IS 9873-7: 2017, EN 71-12:2013
362.	Toys, sports equipment and similar products	N-nitrosomorpholine	IS 9873-7 :2017, EN 71-12:2013
363.	Toys, sports equipment and similar products	N-nitroso-n-methylaniline	IS 9873-7 :2017, EN 71-12:2013
364.	Toys, sports equipment and similar products	Poly chlorinated biphenyl (PCB), PCB	IS 9873-7 :2017
365.	Toys, sports equipment and similar products	Poly chlorinated biphenyl (PCB), PCB 101	IS 9873-7: 2017
366.	Toys, sports equipment and similar products	Poly chlorinated biphenyl (PCB), PCB 11	IS 9873-7: 2017



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	Hazardous & Restricted Chemicals		
367.	Toys, sports equipment and similar products	Poly chlorinated biphenyl (PCB), PCB 118	IS 9873-7: 2017
368.	Toys, sports equipment and similar products	Poly chlorinated biphenyl (PCB), PCB 138	IS 9873-7: 2017
369.	Toys, sports equipment and similar products	Poly chlorinated biphenyl (PCB), PCB 153	IS 9873-7: 2017
370.	Toys, sports equipment and similar products	Poly chlorinated biphenyl (PCB), PCB 180	IS 9873-7: 2017
371.	Toys, sports equipment and similar products	Poly chlorinated biphenyl (PCB), PCB 209	IS 9873-7: 2017
372.	Toys, sports equipment and similar products	Poly chlorinated biphenyl (PCB), PCB 28	IS 9873-7:2017
373.	Toys, sports equipment and similar products	Poly chlorinated biphenyl (PCB), PCB 52	IS 9873-7 :2017
374.	Toys, sports equipment and similar products	Determination of lead content	IS 12240 (part 5)
375.	Leather & footwear - upper/lining/ collar/tongue material	Color fastness to perspiration	IS/ISO 105 E04: 2008, SATRA 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
376.	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

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
			(LF:4): 1971, IS/ISO 105 B02:2014, IS/ISO 105-B01: 2014
377.	Leather & leather products	Color fastness to crocking	ISO 105 X12
378.	Footwear-jungle boots	Formaldehyde	IS 14563 (Part 1) (Table 1 of IS 17011(Clause 6 of IS 17043 (P2):2024))

