

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



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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Cells & batteries		
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
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

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Cells & batteries		
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
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

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Cells & batteries		
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
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

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
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
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

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
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+A2:203+A3:2014+A4: 2015
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	Power input & current	Cl. 10 of IEC 60335-1: 2020

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
	and similar electrical appliances		
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
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

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
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
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

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
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
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

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
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
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

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
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
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

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
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
90.	Clocks	Moisture resistance	Cl. 15 of IEC 60335-2-26:2002 +A1: 2008

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
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

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
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
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

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
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
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

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
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
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

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
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
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

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
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
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

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	Domestic Electrical Appliances		
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
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:

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	Domestic Electrical Appliances		
			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
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

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
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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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	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

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
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+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+

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	Domestic Electrical Appliances		
			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+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

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
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
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

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
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
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

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
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
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

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
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
267.	Electric stoves	Provision for earthing	Cl. 27 of IS 302-2-202:1992 + A1: 1993 + A2: 2002

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
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

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
282.	Fans	Construction	Cl. 22 of IS 302-2-80: 2017
283.	Fans	Construction	Cl. 22 of IEC 60335-2-80: 2015
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

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
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
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

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
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
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
324.	Humidifiers	Construction	Cl. 22 of IEC 60335-2-98:2002+

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	Domestic Electrical Appliances		
			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
335.	Humidifiers	Provision for earthing	Cl. 27 of IEC 60335-2-98:2002+AMD1:2004+AMD2: 2008

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
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
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+

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	Domestic Electrical Appliances		
			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
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

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	Domestic Electrical Appliances		
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
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+

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
			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
373.	Room heaters	Components	Cl. 24 of IS 302-2-30:2007+ A1:2012+A2: 2019+A3:2023

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
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
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

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
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
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

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	Domestic Electrical Appliances		
			+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
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

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
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
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

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
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
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

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	Domestic Electrical Appliances		
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 and solid insulation	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

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
444.	Sewing machine	Leakage current & electrical strength	Cl. 16 of IEC 60335-2-28: 2021
445.	Sewing machine	Leakage current & electrical strength at operating temperature	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 transformers and associated circuits	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 flexible cords	Cl. 25 of IEC 60335-2-28: 2021

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
458.	Sewing machine	Terminals for external conductors	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
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



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	Domestic Electrical Appliances		
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
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

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	Domestic Electrical Appliances		
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
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

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	Domestic Electrical Appliances		
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
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

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
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
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

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
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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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	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

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
533.	Warming plates and similar appliances	Mechanical strength	Cl. 21 of IS 302-2-12: 1993
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

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
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
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
	Domestic Electrical Appliances		
557.	Standard Consumer Safety Specification for Toy Safety	Battery-Operated Toys	CI 4.25 of ASTM F963 – 23
558.	Standard Consumer Safety Specification for Toy Safety	Battery Accessibility	Cl. 4.25.4 of of ASTM F963 – 23
559.	Standard Consumer Safety Specification for Toy Safety	Battery-Powered Ride-On Toys	4.25.9 of ASTM F963 – 23
560.	Standard Consumer Safety Specification for Toy Safety	Toys Intended to be Attached to a Crib or Playpen	4.26 of of ASTM F963 – 23
561.	Standard Consumer Safety Specification for Toy Safety	Electric Toys	5.13 of ASTM F963 – 23
562.	Standard Consumer Safety Specification for Toy Safety	Battery-operated Toys	5.14 of ASTM F963 – 23
563.	Standard Consumer Safety Specification for Toy Safety	Battery-powered Ride-on Toys	5.14.1 of ASTM F963 – 23
564.	Standard Consumer Safety Specification for Toy Safety	Button or Coin Cell Batteries	5.14.2 of ASTM F963 – 23
565.	Standard Consumer Safety Specification for Toy Safety	Battery-Operated Toys	6.5 of ASTM F963 – 23
566.	Standard Consumer Safety Specification for Toy Safety	Toys Intended to be Attached to a Crib or Playpen	4.26 of of ASTM F963 – 23
567.	Standard Consumer Safety Specification for Toy Safety	Electric Toys	5.13 of ASTM F963 – 23
568.	Standard Consumer Safety Specification for Toy Safety	Battery-operated Toys	5.14 of ASTM F963 – 23



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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
569.	Standard Consumer Safety Specification for Toy Safety	Battery-powered Ride-on Toys	5.14.1 of ASTM F963 – 23
570.	Standard Consumer Safety Specification for Toy Safety	Test for Toys that Contain Secondary Cells or Batteries	8.19 of of ASTM F963 – 23
571.	Air Cooler	Classification	Cl.4 of IS 3315 : 2024, Schedule 40 of the Bureau of Energy Efficiency (BEE)
572.	Air Cooler	Construction	Cl.5 of IS 3315 : 2024, Schedule 40 of the Bureau of Energy Efficiency (BEE)
573.	Air Cooler	Rating Requirement	Cl.6 of IS 3315 : 2024, Schedule 40 of the Bureau of Energy Efficiency (BEE)
574.	Air Cooler	Test Conditions	Cl.7 of IS 3315 : 2024, Schedule 40 of the Bureau of Energy Efficiency (BEE)
575.	Air Cooler	Performance requirements-Standard rating Conditions	Cl.8.1 of IS 3315 : 2024, Schedule 40 of the Bureau of Energy Efficiency (BEE)
576.	Air Cooler	Performance requirements-Sound Test	Cl.8.2 of IS 3315 : 2024, Schedule 40 of the Bureau of Energy Efficiency (BEE)
577.	Air Cooler	Performance requirements-Air Delivery (Air Flow) Test	Cl.8.3 of IS 3315 : 2024, Schedule 40 of the Bureau of Energy Efficiency (BEE)

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
578.	Air Cooler	Performance requirements- Cooling Efficiency Test	Cl.8.4 of IS 3315 : 2024, Schedule 40 of the Bureau of Energy Efficiency (BEE)
579.	Air Cooler	Performance requirements- Power Consumption	Cl.8.5 of IS 3315 : 2024, Schedule 40 of the Bureau of Energy Efficiency (BEE)
580.	Air Cooler	Performance requirements- EER Calculation Method	Cl.8.6 of IS 3315 : 2024, Schedule 40 of the Bureau of Energy Efficiency (BEE)
581.	Air Cooler	Performance requirements- Drop Test	Cl.8.7 of IS 3315 : 2024, Schedule 40 of the Bureau of Energy Efficiency (BEE)
582.	Air Cooler	Performance requirements- Air Cooler Blower/Fan Reliability Test	Cl.8.8 of IS 3315 : 2024, Schedule 40 of the Bureau of Energy Efficiency (BEE)
583.	Air Cooler	ACCURACY OF INSTRUMENTS	Cl.9 of IS 3315 : 2024, Schedule 40 of the Bureau of Energy Efficiency (BEE)
584.	Air Cooler	Test Chamber	Cl.10 of IS 3315 : 2024, Schedule 40 of the Bureau of Energy Efficiency (BEE)
585.	Air Cooler	Calculation of Airflow	Cl.11 of IS 3315 : 2024, Schedule 40 of the Bureau of Energy Efficiency (BEE)
586.	Air Cooler	Test	Cl.12 of IS 3315 : 2024, Schedule 40 of the Bureau of Energy Efficiency (BEE)

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
587.	Air Cooler	Additional requirements for eco-mark	Cl.13 of IS 3315 : 2024, Schedule 40 of the Bureau of Energy Efficiency (BEE)
588.	Air Cooler	Storage	Cl.14 of IS 3315 : 2024, Schedule 40 of the Bureau of Energy Efficiency (BEE)
589.	Air Cooler	Marking and information	Cl.15 of IS 3315 : 2024, Schedule 40 of the Bureau of Energy Efficiency (BEE)
590.	Electric Ironstone Cleaning Appliances, Spin Extractors, Cooking Ranges, Hobs, Ovens and Similar Appliances, Electrical Shavers Hair, Clippers and Similar Appliances, Tumbler Dryers, Warming Plates and Similar Appliances, Frying Pans, Deep Fat Fryers and similar appliances, Appliances for Heating Liquids, Massage Appliances, Electric Forced Convection Ovens, Steam Cookers and Steam-Convection Ovens, Electric	General requirement	Cl.4 of IS 302 (Part 1) : 2024/ IEC 60335-1: 2020
591.		General conditions for tests	Cl.5 of IS 302 (Part 1) : 2024/ IEC 60335-1: 2020
592.		Classification	Cl.6 of IS 302 (Part 1) : 2024/ IEC 60335-1: 2020
593.		Marking And Instructions	Cl.7 of IS 302 (Part 1) : 2024/ IEC 60335-1: 2020
594.		Protection Against Access To Live Parts	Cl.8 of IS 302 (Part 1) : 2024/ IEC 60335-1: 2020
595.		Starting of Motor Operated Appliances	Cl.9 of IS 302 (Part 1) : 2024/ IEC 60335-1: 2020
596.		Power Input and Current	Cl.10 of IS 302 (Part 1) : 2024/ IEC 60335-1: 2020
597.		Heating	Cl.11 of IS 302 (Part 1) : 2024/ IEC 60335-1: 2020

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
598.	Heating Tools, Electric Steam Cookers, Insect Killers, Electric Fence	Charging of metal-ion batteries	CI.12 of IS 302 (Part 1) : 2024/ IEC 60335-1: 2020
599.	Energizers, Electric Call Bells and Buzzers for Indoor Use,	Leakage Current and electric strength at Operating Temperature	CI.13 of IS 302 (Part 1) : 2024/ IEC 60335-1: 2020
600.	Electric Water Boilers, Electric Coffee Makers, Electric Bean Slicers,	Transient Over voltages	CI.14 of IS 302 (Part 1) : 2024/ IEC 60335-1: 2020
601.	Electric Berry- juice Extractors, Electric Can Openers, Electric centrifugal Juicers, Electric Churns,	Moisture Resistance	CI.15 of IS 302 (Part 1) : 2024/ IEC 60335-1: 2020
602.	Electric Citrus- fruit Squeezers, Electric Coffee Mills not exceeding 500g hopper capacity, Electric Cream Whippers, Electric Egg Beaters, Electric Food Processors, Electric Grain Grinders not exceeding 3l hopper capacity, Electric Graters, Electric Ice- Cream Machines, including those for use in refrigerators and freezers, Electric Knife Sharpeners, Electric Knives,	Leakage current and electric strength	CI.16 of IS 302 (Part 1) : 2024/ IEC 60335-1: 2020
603.		Overload Protection Of Transformers and Associated Circuits	CI.17 of IS 302 (Part 1) : 2024/ IEC 60335-1: 2020
604.		Endurance	CI.18 of IS 302 (Part 1) : 2024/ IEC 60335-1: 2020
605.		Abnormal Operation	CI.19 of IS 302 (Part 1) : 2024/ IEC 60335-1: 2020
606.		Stability and Mechanical hazards	CI.20 of IS 302 (Part 1) : 2024/ IEC 60335-1: 2020
607.		Mechanical Strength	CI.21 of IS 302 (Part 1) : 2024/ IEC 60335-1: 2020
608.		Construction	CI.22 of IS 302 (Part 1) : 2024/ IEC 60335-1: 2020
609.		Internal Wiring	CI.23 of IS 302 (Part 1) : 2024/ IEC 60335-1: 2020

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
610.	Electric Noodle Makers, Electric Potato Peelers,	Components	CI.24 of IS 302 (Part 1) : 2024/ IEC 60335-1: 2020
611.	Electric Shredders, Electric Sieving Machines,	Supply Connection and External Flexible Cords	CI.25 of IS 302 (Part 1) : 2024/ IEC 60335-1: 2020
612.	Slicing Machines, Electric Hot Plates, Single	Terminal for External Conductors	CI.26 of IS 302 (Part 1) : 2024/ IEC 60335-1: 2020
613.	Walled Baking Ovens, Low Speed Food Grinding	Provision for Earthing	CI.27 of IS 302 (Part 1) : 2024/IEC 60335-1: 2020
614.	Machines, Dishwashers, Floor Treatment Machines and Wet	Screws and Connections	CI.28 of IS 302 (Part 1) : 2024/IEC 60335-1: 2020
615.	Scrubbing Machines, Food Waste Disposers, Blankets, Pads, Clothing and Similar	Clearances, Creepage Distances And Solid Insulation	CI.29 of IS 302 (Part 1) : 2024/IEC 60335-1: 2020
616.	Flexible Heating Appliances, Appliances for Skin Exposure to Optical Radiation,	Resistance to heat and fire	CI.30 of IS 302 (Part 1) : 2024/IEC 60335-1: 2020
617.	Commercial Electric Cooking Ranges, Ovens, Hobs and Hob Elements, Commercial Electric Doughnut Fryers and Deep Fat Fryers, Commercial Electric Berry- juice Extractors, Electric Can Openers, Electric Centrifugal Juicers,	Resistance to rusting	CI.31 of IS 302 (Part 1) : 2024/IEC 60335-1: 2020
618.		Radiation, Toxicity And Similar Hazards	CI.32 of IS 302 (Part 1) : 2024/IEC 60335-1: 2020

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
	Electric Churns, Electric Citrus-fruit Squeezers, Electric Coffee Mills not exceeding 500g hopper capacity, Electric Cream Whippers, Electric Egg Beaters, Electric Food Processors, Electric Grain Grinders not exceeding 3l hopper capacity, Electric Graters Electric Ice- Cream Machines, including those for use in Electric Ironstone Cleaning Appliances, Spin Extractors, Cooking Ranges, Hobs, Ovens and Similar Appliances, Electrical Shavers Hair, Clippers and Similar Appliances, Tumbler Dryers, Warming Plates and Similar Appliances, Frying Pans, Deep Fat Fryers and similar appliances,		

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
	Appliances for Heating Liquids, Massage Appliances, Electric Forced Convection Ovens, Steam Cookers and Steam-Convection Ovens, Electric Heating Tools, Electric Steam Cookers, Insect Killers, Electric Fence Energizers, Electric Call Bells and Buzzers for Indoor Use, Electric Water Boilers, Electric Coffee Makers, Electric Bean Slicers, Electric Berry- juice Extractors, Electric Can Openers, Electric Centrifugal Juicers, Electric Churns, Electric Citrus-fruit Squeezers, Electric Coffee Mills not exceeding 500g hopper capacity, Electric Cream Whippers, Electric Egg		

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
	Beaters, Electric Food Processors, Electric Grain Grinders not exceeding 3l hopper capacity, Electric Graters, Electric Ice- Cream Machines, including those for use in refrigerators and freezers, Electric Knife Sharpeners, Electric Knives, Electric Noodle Makers, Electric Potato Peelers, Electric Shredders, Electric Sieving Machines, Slicing Machines, Electric Hot Plates, Single Walled Baking Ovens, Low Speed Food Grinding Machines, Dishwashers, Floor Treatment Machines and Wet Scrubbing Machines, Food Waste Disposers, Blankets, Pads, Clothing and Similar Flexible Heating Appliances,		

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
	Appliances for Skin Exposure to Optical Radiation, Commercial Electric Cooking Ranges, Ovens, Hobs and Hob Elements, Commercial Electric Doughnut Fryers and Deep Fat Fryers, Commercial Electric		
619.	Domestic Electric Clothes Washing Machines	General requirement	Cl.4 of IS 302 Part 2 Sec 7: 2024
620.	Domestic Electric Clothes Washing Machines	General conditions for tests	Cl.5 of IS 302 Part 2 Sec 7: 2024
621.	Domestic Electric Clothes Washing Machines	Classification	Cl.6 of IS 302 Part 2 Sec 7: 2024
622.	Domestic Electric Clothes Washing Machines	Marking And Instructions	Cl.7 of IS 302 Part 2 Sec 7: 2024
623.	Domestic Electric Clothes Washing Machines	Protection Against Access To Live Parts	Cl.8 of IS 302 Part 2 Sec 7: 2024
624.	Domestic Electric Clothes Washing Machines	Starting of Motor Operated Appliances	Cl.9 of IS 302 Part 2 Sec 7: 2024
625.	Domestic Electric Clothes Washing Machines	Power Input and Current	Cl.10 of IS 302 Part 2 Sec 7: 2024
626.	Domestic Electric Clothes Washing Machines	Heating	Cl.11 of IS 302 Part 2 Sec 7: 2024

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
627.	Domestic Electric Clothes Washing Machines	Leakage Current and electric strength at Operating Temperature	Cl.13 of IS 302 Part 2 Sec 7: 2024
628.	Domestic Electric Clothes Washing Machines	Transient Overvoltage	Cl.14 of IS 302 Part 2 Sec 7: 2024
629.	Domestic Electric Clothes Washing Machines	Moisture Resistance	Cl.15 of IS 302 Part 2 Sec 7: 2024
630.	Domestic Electric Clothes Washing Machines	Leakage current and electric strength	Cl.16 of IS 302 Part 2 Sec 7: 2024
631.	Domestic Electric Clothes Washing Machines	Overload Protection Of Transformers And Associated Circuits	Cl.17 of IS 302 Part 2 Sec 7: 2024
632.	Domestic Electric Clothes Washing Machines	Abnormal Operation	Cl.19 of IS 302 Part 2 Sec 7: 2024
633.	Domestic Electric Clothes Washing Machines	Stability and Mechanical hazards	Cl.20 of IS 302 Part 2 Sec 7: 2024
634.	Domestic Electric Clothes Washing Machines	Mechanical Strength	Cl.21 of IS 302 Part 2 Sec 7: 2024
635.	Domestic Electric Clothes Washing Machines	Construction	Cl.22 of IS 302 Part 2 Sec 7: 2024
636.	Domestic Electric Clothes Washing Machines	Internal Wiring	Cl.23 of IS 302 Part 2 Sec 7: 2024
637.	Domestic Electric Clothes Washing Machines	Components	Cl.24 of IS 302 Part 2 Sec 7: 2024
638.	Domestic Electric Clothes Washing Machines	Supply Connection and External Flexible Cables and Cords	Cl.25 of IS 302 Part 2 Sec 7: 2024

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
639.	Domestic Electric Clothes Washing Machines	Terminal for External Conductors	Cl.26 of IS 302 Part 2 Sec 7: 2024
640.	Domestic Electric Clothes Washing Machines	Provision for Earthing	Cl.27 of IS 302 Part 2 Sec 7: 2024
641.	Domestic Electric Clothes Washing Machines	Screws and Connections	Cl.28 of IS 302 Part 2 Sec 7: 2024
642.	Domestic Electric Clothes Washing Machines	Clearances, Creepage Distances And Solid Insulation	Cl.29 of IS 302 Part 2 Sec 7: 2024
643.	Domestic Electric Clothes Washing machines	Resistance to heat and fire	Cl.30 of IS 302 Part 2 Sec 7: 2024
644.	Domestic Electric Clothes Washing Machines	Resistance to rusting	Cl.31 of IS 302 Part 2 Sec 7: 2024
645.	Domestic Electric Clothes Washing Machines	Radiation, Toxicity And Similar Hazards	Cl.32 of IS 302 Part 2 Sec 7: 2024
646.	Refrigerators, food freezers and ice makers	Rating	Cl.5 of IS 302-2-24:1994
647.	Refrigerators, food freezers and ice makers	Classification	Cl.6 of IS 302-2-24:1994
648.	Refrigerators, food freezers and ice makers	Marking	Cl.7 of IS 302-2-24:1994
649.	Refrigerators, food freezers and ice makers	Protection against electric shock	Cl.8 of IS 302-2-24:1994
650.	Refrigerators, food freezers and ice makers	Starting of Motor Operated Appliances	Cl.9 of IS 302-2-24:1994

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
651.	Refrigerators, food freezers and ice makers	Input and Current	Cl.10 of IS 302-2-24:1994
652.	Refrigerators, food freezers and ice makers	Temperature Rise	Cl.11 of IS 302-2-24:1994
653.	Refrigerators, food freezers and ice makers	Operation under overload conditions of Appliances with Heating Elements	Cl.12 of IS 302-2-24:1994
654.	Refrigerators, food freezers and ice makers	Overload protection	Cl.17 of IS 302-2-24:1994
655.	Refrigerators, food freezers and ice makers	Abnormal Operation	Cl.19 of IS 302-2-24:1994
656.	Refrigerators, food freezers and ice makers	Stability and Mechanical Hazards	Cl.20 of IS 302-2-24:1994
657.	Refrigerators, food freezers and ice makers	Mechanical Strength	Cl.21 of IS 302-2-24:1994
658.	Refrigerators, food freezers and ice makers	Construction	Cl.22 of IS 302-2-24:1994
659.	Refrigerators, food freezers and ice makers	Internal wiring	Cl.23 of IS 302-2-24:1994
660.	Refrigerators, food freezers and ice makers	Components	Cl.24 of IS 302-2-24:1994
661.	Refrigerators, food freezers and ice makers	Supply Connection and External Flexible Cables and Cords	Cl.25 of IS 302-2-24:1994
662.	Refrigerators, food freezers and ice makers	Terminals For External Conductor	Cl.26 of IS 302-2-24:1994

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
663.	Refrigerators, food freezers and ice makers	Provision of Earthing	Cl.27 of IS 302-2-24:1994
664.	Refrigerators, food freezers and ice makers	Screws And Connection	Cl.28 of IS 302-2-24:1994
665.	Refrigerators, food freezers and ice makers	Creepage distances and Clearances	Cl.29 of IS 302-2-24:1994
666.	Refrigerators, food freezers and ice makers	Resistance to Heat, Fire and Tracking	Cl.30 of IS 302-2-24:1994
667.	Refrigerators, food freezers and ice makers	Resistance to Rusting	Cl.31 of IS 302-2-24:1994
668.	Insect Killers	General Conditions For The Tests	Cl.5 of IS 302 Part 2 Sec 59: 2024 (IEC 60335-2-59: 2021)
669.	Insect Killers	Classification	Cl.6 of IS 302 Part 2 Sec 59: 2024 (IEC 60335-2-59: 2021)
670.	Insect Killers	Marking And Instructions	Cl.7 of IS 302 Part 2 Sec 59: 2024 (IEC 60335-2-59: 2021)
671.	Insect Killers	Protection Against Access To Live Parts	Cl.8 of IS 302 Part 2 Sec 59: 2024 (IEC 60335-2-59: 2021)
672.	Insect Killers	Starting Of Motor Operated Appliances	Cl.9 of IS 302 Part 2 Sec 59:2024 (IEC 60335-2-59: 2021)
673.	Insect Killers	Power Input And Current	Cl.10 of IS 302 Part 2 Sec 59:2024 (IEC 60335-2-59: 2021)
674.	Insect Killers	Heating	Cl.11 of IS 302 Part 2 Sec 59:2024 (IEC 60335-2-59: 2021)

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
675.	Insect Killers	Operation Under Overload Conditions Of Appliances With Heating Elements	Cl.12 of IS 302 Part 2 Sec 59:2024 (IEC 60335-2-59: 2021)
676.	Insect Killers	Leakage Current And Electric Strength At Operating Temperature	Cl.13 of IS 302 Part 2 Sec 59:2024 (IEC 60335-2-59: 2021)
677.	Insect Killers	Transient Overvoltages	Cl.14 of IS 302 Part 2 Sec 59: 2024 (IEC 60335-2-59: 2021)
678.	Insect Killers	Moisture Resistance	Cl.15 of IS 302 Part 2 Sec 59: 2024 (IEC 60335-2-59: 2021)
679.	Insect Killers	Leakage Current And Electric Strength	Cl.16 of IS 302 Part 2 Sec 59: 2024 (IEC 60335-2-59: 2021)
680.	Insect Killers	Overload Protection Of Transformers And Associated Circuits	Cl.17 of IS 302 Part 2 Sec 59: 2024 (IEC 60335-2-59: 2021)
681.	Insect Killers	Endurance	Cl.18 of IS 302 Part 2 Sec 59: 2024 (IEC 60335-2-59: 2021)
682.	Insect Killers	Abnormal operation	Cl.19 of IS 302 Part 2 Sec 59: 2024 (IEC 60335-2-59: 2021)
683.	Insect Killers	Stability and mechanical hazards	Cl.20 of IS 302 Part 2 Sec 59: 2024 (IEC 60335-2-59: 2021)
684.	Insect Killers	Mechanical Strength	Cl.21 of IS 302 Part 2 Sec 59: 2024 (IEC 60335-2-59: 2021)
685.	Insect Killers	Construction	Cl.22 of IS 302 Part 2 Sec 59: 2024 (IEC 60335-2-59: 2021)

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
686.	Insect Killers	Internal Wiring	Cl.23 of IS 302 Part 2 Sec 59: 2024 (IEC 60335-2-59: 2021)
687.	Insect Killers	Components	Cl.24 of IS 302 Part 2 Sec 59: 2024 (IEC 60335-2-59: 2021)
688.	Insect Killers	Supply Connection And External Flexible Cords	Cl.25 of IS 302 Part 2 Sec 59: 2024 (IEC 60335-2-59: 2021)
689.	Insect Killers	Terminals for External Conductors	Cl.26 of IS 302 Part 2 Sec 59: 2024 (IEC 60335-2-59: 2021)
690.	Insect Killers	Provision for Earthing	Cl.27 of IS 302 Part 2 Sec 59: 2024 (IEC 60335-2-59: 2021)
691.	Insect Killers	Screw and Connections	Cl.28 of IS 302 Part 2 Sec 59: 2024 (IEC 60335-2-59: 2021)
692.	Insect Killers	Clearances, Creepage Distances And Solid Insulation	Cl.29 of IS 302 Part 2 Sec 59: 2024 (IEC 60335-2-59: 2021)
693.	Insect Killers	Resistance To Heat And Fire	Cl.30 of IS 302 Part 2 Sec 59: 2024 (IEC 60335-2-59: 2021)
694.	Insect Killers	Resistance to rusting	Cl.31 of IS 302 Part 2 Sec 59: 2024 (IEC 60335-2-59: 2021)
695.	Insect Killers	Radiation, Toxicity And Similar Hazards	Cl.32 of IS 302 Part 2 Sec 59: 2024 (IEC 60335-2-59: 2021)
696.	Appliances for Skin or Hair Care	General conditions for tests	Cl.5 of IS 302 Part 2 Sec 23: 2009
697.	Appliances for Skin or Hair Care	Classification	Cl.6 of IS 302 Part 2 Sec 23: 2009

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
698.	Appliances for Skin or Hair Care	Marking And Instructions	Cl.7 of IS 302 Part 2 Sec 23: 2009
699.	Appliances for Skin or Hair Care	Protection Against Access To Live Parts	Cl.8 of IS 302 Part 2 Sec 23: 2009
700.	Appliances for Skin or Hair Care	Starting of Motor Operated Appliances	Cl.9 of IS 302 Part 2 Sec 23: 2009
701.	Appliances for Skin or Hair Care	Power Input and Current	Cl.10 of IS 302 Part 2 Sec 23: 2009
702.	Appliances for Skin or Hair Care	Heating	Cl.11 of IS 302 Part 2 Sec 23: 2009
703.	Appliances for Skin or Hair Care	Operation Under Overload Conditions Of Appliances With Heating Elements	Cl.12 of IS 302 Part 2 Sec 23: 2009
704.	Appliances for Skin or Hair Care	Leakage Current And Electric Strength At Operating Temperature	Cl.13 of IS 302 Part 2 Sec 23: 2009
705.	Appliances for Skin or Hair Care	Transient Overvoltage	Cl.14 of IS 302 Part 2 Sec 23: 2009
706.	Appliances for Skin or Hair Care	Moisture Resistance	Cl.15 of IS 302 Part 2 Sec 23: 2009
707.	Appliances for Skin or Hair Care	Leakage Current And Electric Strength	Cl.16 of IS 302 Part 2 Sec 23: 2009
708.	Appliances for Skin or Hair Care	Overload Protection Of Transformers And Associated Circuits	Cl.17 of IS 302 Part 2 Sec 23: 2009

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
709.	Appliances for Skin or Hair Care	Abnormal Operation	Cl.19 of IS 302 Part 2 Sec 23: 2009
710.	Appliances for Skin or Hair Care	Stability and Mechanical hazards	Cl.20 of 302 Part 2 Sec 23 :2009
711.	Appliances for Skin or Hair Care	Mechanical Strength	Cl.21 of IS 302 Part 2 Sec 23: 2009
712.	Appliances for Skin or Hair Care	Construction	Cl.22 of IS 302 Part 2 Sec 23: 2009
713.	Appliances for Skin or Hair Care	Internal Wiring	Cl.23 of IS 302 Part 2 Sec 23: 2009
714.	Appliances for Skin or Hair Care	Components	Cl.24 of IS 302 Part 2 Sec 23: 2009
715.	Appliances for Skin or Hair Care	Supply Connection and External Flexible Cables and Cords	Cl.25 of IS 302 Part 2 Sec 23: 2009
716.	Appliances for Skin or Hair Care	Terminal for External Conductors	Cl.26 of IS 302 Part 2 Sec 23: 2009
717.	Appliances for Skin or Hair Care	Provision for Earthing	Cl.27 of IS 302 Part 2 Sec 23: 2009
718.	Appliances for Skin or Hair Care	Screws and Connections	Cl.28 of IS 302 Part 2 Sec 23: 2009
719.	Appliances for Skin or Hair Care	Clearances, Creepage Distances And Solid Insulation	Cl.29 of IS 302 Part 2 Sec 23: 2009
720.	Appliances for Skin or Hair Care	Resistance to heat and fire	Cl.30 of IS 302 Part 2 Sec 23: 2009

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
721.	Appliances for Skin or Hair Care	Resistance to rusting	Cl.31 of IS 302 Part 2 Sec 23: 2009
722.	Single Walled Baking Ovens	Radiation, Toxicity And Similar Hazards	Cl.32 of IS 302 Part 2 Sec 23: 2009
723.	Range Hoods, chimneys	General conditions for tests	Cl.5 of IS 302 Part 2 Sec 31: 2009
724.	Range Hoods, chimneys	Classification	Cl.6 of IS 302 Part 2 Sec 31: 2009
725.	Range Hoods, chimneys	Marking And Instructions	Cl.7 of IS 302 Part 2 Sec 31: 2009
726.	Range Hoods, chimneys	Protection Against Access To Live Parts	Cl.8 of IS 302 Part 2 Sec 31: 2009
727.	Range Hoods, chimneys	Starting of Motor Operated Appliances	Cl.9 of IS 302 Part 2 Sec 31: 2009
728.	Range Hoods, chimneys	Power Input and Current	Cl.10 of IS 302 Part 2 Sec 31: 2009
729.	Range Hoods, chimneys	Heating	Cl.11 of IS 302 Part 2 Sec 31: 2009
730.	Range Hoods, chimneys	Operation Under Overload Conditions Of Appliances With Heating Elements	Cl.12 of IS 302 Part 2 Sec 31: 2009
731.	Range Hoods, chimneys	Leakage Current And Electric Strength At Operating Temperature	Cl.13 of IS 302 Part 2 Sec 31: 2009
732.	Range Hoods, chimneys	Transient Overvoltages	Cl.14 of IS 302 Part 2 Sec 31: 2009
733.	Range Hoods, chimneys	Moisture Resistance	Cl.15 of IS 302 Part 2 Sec 31: 2009

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
734.	Range Hoods, chimneys	Leakage Current And Electric Strength	Cl.16 of IS 302 Part 2 Sec 31: 2009
735.	Range Hoods, chimneys	Overload Protection Of Transformers And Associated Circuits	Cl.17 of IS 302 Part 2 Sec 31: 2009
736.	Range Hoods, chimneys	Abnormal Operation	Cl.19 of IS 302 Part 2 Sec 31: 2009
737.	Range Hoods, chimneys	Stability and Mechanical hazards	Cl.20 of 302 Part 2 Sec 31 :2009
738.	Range Hoods, chimneys	Mechanical Strength	Cl.21 of IS 302 Part 2 Sec 31: 2009
739.	Range Hoods, chimneys	Construction	Cl.22 of IS 302 Part 2 Sec 31: 2009
740.	Range Hoods, chimneys	Internal Wiring	Cl.23 of IS 302 Part 2 Sec 31: 2009
741.	Range Hoods, chimneys	Components	Cl.24 of IS 302 Part 2 Sec 31: 2009
742.	Range Hoods, chimneys	Supply Connection and External Flexible Cables and Cords	Cl.25 of IS 302 Part 2 Sec 31: 2009
743.	Range Hoods, chimneys	Terminal for External Conductors	Cl.26 of IS 302 Part 2 Sec 31: 2009
744.	Range Hoods, chimneys	Provision for Earthing	Cl.27 of IS 302 Part 2 Sec 31: 2009
745.	Range Hoods, chimneys	Screws and Connections	Cl.28 of IS 302 Part 2 Sec 31: 2009
746.	Range Hoods, chimneys	Clearances, Creepage Distances And Solid Insulation	Cl.29 of IS 302 Part 2 Sec 31: 2009
747.	Range Hoods, chimneys	Resistance to heat and fire	Cl.30 of IS 302 Part 2 Sec 31: 2009

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
748.	Range Hoods, chimneys	Resistance to rusting	Cl.31 of IS 302 Part 2 Sec 31: 2009
749.	Range Hoods, chimneys	Radiation, Toxicity And Similar Hazards	Cl.32 of IS 302 Part 2 Sec 31: 2009
750.	Vacuum Cleaners and Water Suction Cleaning Appliances	Rating	Cl.5 of IS 302-2-2:1997
751.	Vacuum Cleaners and Water Suction Cleaning Appliances	Classification	Cl.6 of IS 302-2-2:1997
752.	Vacuum Cleaners and Water Suction Cleaning Appliances	Marking	Cl.7 of IS 302-2-2:1997
753.	Vacuum Cleaners and Water Suction Cleaning Appliances	Protection against electric shock	Cl.8 of IS 302-2-2:1997
754.	Vacuum Cleaners and Water Suction Cleaning Appliances	Starting Of Motor Operating Appliances	Cl.9 of IS 302-2-2:1997
755.	Vacuum Cleaners and Water Suction Cleaning Appliances	Input	Cl.10 of IS 302-2-2:1997
756.	Vacuum Cleaners and Water Suction Cleaning Appliances	Temperature Rise	Cl.11 of IS 302-2-2:1997
757.	Vacuum Cleaners and Water Suction Cleaning Appliances	Electricals Insulation and Leakage Current at operating temperature	Cl.13 of IS 302-2-2:1997
758.	Vacuum Cleaners and Water Suction Cleaning Appliances	Moisture Resistance	Cl.15 of IS 302-2-2:1997
759.	Vacuum Cleaners and Water Suction Cleaning Appliances	Insulation Resistance and Electric Strength (after humidity treatment)	Cl.16 of IS 302-2-2:1997

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
760.	Vacuum Cleaners and Water Suction Cleaning Appliances	Overload protection	Cl.17 of IS 302-2-2:1997
761.	Vacuum Cleaners and Water Suction Cleaning Appliances	Abnormal Operation	Cl.19 of IS 302-2-2:1997
762.	Vacuum Cleaners and Water Suction Cleaning Appliances	Stability and Mechanical Hazards	Cl.20 of IS 302-2-2:1997
763.	Vacuum Cleaners and Water Suction Cleaning Appliances	Mechanical Strength	Cl.21 of IS 302-2-2:1997
764.	Vacuum Cleaners and Water Suction Cleaning Appliances	Construction	Cl.22 of IS 302-2-2:1997
765.	Vacuum Cleaners and Water Suction Cleaning Appliances	Internal wiring	Cl.23 of IS 302-2-2:1997
766.	Vacuum Cleaners and Water Suction Cleaning Appliances	Components	Cl.24 of IS 302-2-2:1997
767.	Vacuum Cleaners and Water Suction Cleaning Appliances	Supply Connection and External Flexible Cables and Cords	Cl.25 of IS 302-2-2:1997
768.	Vacuum Cleaners and Water Suction Cleaning Appliances	Terminals For External Conductor	Cl.26 of IS 302-2-2:1997
769.	Vacuum Cleaners and Water Suction Cleaning Appliances	Provision For Earthing	Cl.27 of IS 302-2-2:1997
770.	Vacuum Cleaners and Water Suction Cleaning Appliances	Screws And Connection	Cl.28 of IS 302-2-2:1997
771.	Vacuum Cleaners and Water Suction Cleaning Appliances	Creepage distances , Clearances and Solid Insulation	Cl.29 of IS 302-2-2:1997



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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
772.	Vacuum Cleaners and Water Suction Cleaning Appliances	Resistance to Heat, Fire and tracking	Cl.30 of IS 302-2-2:1997
773.	Vacuum Cleaners and Water Suction Cleaning Appliances	Resistance to Rusting	Cl.31 of IS 302-2-2:1997
774.	Vacuum Cleaners and Water Suction Cleaning Appliances	Radiation Hazard	Cl.32 of IS 302-2-2:1997
775.	Tumbler Dryers	Rating	Cl.5 of IS 302-2-11:1994
776.	Tumbler Dryers	Classification	Cl.6 of IS 302-2-11:1994
777.	Tumbler Dryers	Marking	Cl.7 of IS 302-2-11:1994
778.	Tumbler Dryers	Protection against electric shock	Cl.8 of IS 302-2-11:1994
779.	Tumbler Dryers	Starting of Motor Operated Appliances	Cl.9 of IS 302-2-11:1994
780.	Tumbler Dryers	Input and Current	Cl.10 of IS 302-2-11:1994
781.	Tumbler Dryers	Temperature Rise	Cl.11 of IS 302-2-11:1994
782.	Tumbler Dryers	Operation under overload conditions	Cl.12 of IS 302-2-11:1994
783.	Tumbler Dryers	Electricals Insulation and Leakage Current at operating temperature	Cl.13 of IS 302-2-11:1994
784.	Tumbler Dryers	Radio and television interference suppression	Cl.14 of IS 302-2-11:1994
785.	Tumbler Dryers	Moisture Resistance	Cl.15 of IS 302-2-11:1994

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
786.	Tumbler Dryers	Insulation Resistance and Electric Strength (after humidity treatment)	Cl.16 of IS 302-2-11:1994
787.	Tumbler Dryers	Overload protection	Cl.17 of IS 302-2-11:1994
788.	Tumbler Dryers	Abnormal Operation	Cl.19 of IS 302-2-11:1994
789.	Tumbler Dryers	Stability and Mechanical Hazards	Cl.20 of IS 302-2-11:1994
790.	Tumbler Dryers	Mechanical Strength	Cl.21 of IS 302-2-11:1994
791.	Tumbler Dryers	Construction	Cl.22 of IS 302-2-11:1994
792.	Tumbler Dryers	Internal wiring	Cl.23 of IS 302-2-11:1994
793.	Tumbler Dryers	Components	Cl.24 of IS 302-2-11:1994
794.	Tumbler Dryers	Supply Connection and External Flexible Cords	Cl.25 of IS 302-2-11:1994
795.	Tumbler Dryers	Terminals For External Conductor	Cl.26 of IS 302-2-11:1994
796.	Tumbler Dryers	Provision For Earthing	Cl.27 of IS 302-2-11:1994
797.	Tumbler Dryers	Screws And Connection	Cl.28 of IS 302-2-11:1994
798.	Tumbler Dryers	Creepage distances and Clearances	Cl.29 of IS 302-2-11:1994
799.	Tumbler Dryers	Resistance to Heat, Fire and tracking	Cl.30 of IS 302-2-11:1994

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
800.	Tumbler Dryers	Resistance to Rusting	Cl.31 of IS 302-2-11:1994
801.	Tumbler Dryers	Radiation Hazard	Cl.32 of IS 302-2-11:1994
802.	Electric Irons	Classification	Cl.6 of IS 302-2-3:2024 (IEC 60335-2-3: 2022)
803.	Electric Irons	Marking	Cl.7 of IS 302-2-3:2024 (IEC 60335-2-3: 2022)
804.	Electric Irons	Protection Against Electric Shock	Cl.8 of IS 302-2-3:2024 (IEC 60335-2-3: 2022)
805.	Electric Irons	Input and Current	Cl.10 of IS 302-2-3:2024 (IEC 60335-2-3: 2022)
806.	Electric Irons	Temperature Rise	Cl.11 of IS 302-2-3:2024 (IEC 60335-2-3: 2022)
807.	Electric Irons	Operation Under Overload Conditions Of Appliances With Heating Elements	Cl.12 of IS 302-2-3:2024 (IEC 60335-2-3: 2022)
808.	Electric Irons	Electrical Insulation And Leakage Current At Operating Temperature	Cl.13 of IS 302-2-3:2024 (IEC 60335-2-3: 2022)
809.	Electric Irons	Radio And Television Interference Suppression	Cl.14 of IS 302-2-3:2024 (IEC 60335-2-3: 2022)
810.	Electric Irons	Moisture Resistance	Cl.15 of IS 302-2-3:2024 (IEC 60335-2-3: 2022)
811.	Electric Irons	Insulation Resistance And Electric Strength (After Humidity Treatment)	Cl.16 of IS 302-2-3:2024 (IEC 60335-2-3: 2022)

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
812.	Electric Irons	Overload protection	Cl.17 of IS 302-2-3:2024 (IEC 60335-2-3: 2022)
813.	Electric Irons	Abnormal Operation	Cl.19 of IS 302-2-3:2024 (IEC 60335-2-3: 2022)
814.	Electric Irons	Stability and Mechanical hazards	Cl.20 of IS 302-2-3:2024 (IEC 60335-2-3: 2022)
815.	Electric Irons	Mechanical Strength	Cl.21 of IS 302-2-3:2024 (IEC 60335-2-3: 2022)
816.	Electric Irons	Construction	Cl.22 of IS 302-2-3:2024 (IEC 60335-2-3: 2022)
817.	Electric Irons	Internal Wiring	Cl.23 of IS 302-2-3:2024 (IEC 60335-2-3: 2022)
818.	Electric Irons	Components	Cl.24 of IS 302-2-3:2024 (IEC 60335-2-3: 2022)
819.	Electric Irons	Supply Connection and External Flexible Cables and Cords	Cl.25 of IS 302-2-3:2024 (IEC 60335-2-3: 2022)
820.	Electric Irons	Terminal for External Conductors	Cl.26 of IS 302-2-3:2024 (IEC 60335-2-3: 2022)
821.	Electric Irons	Provision for Earthing	Cl.27 of IS 302-2-3:2024 (IEC 60335-2-3: 2022)
822.	Electric Irons	Screws and Connections	Cl.28 of IS 302-2-3:2024 (IEC 60335-2-3: 2022)
823.	Electric Irons	Creepage Distance And Clearances	Cl.29 of IS 302-2-3:2024 (IEC 60335-2-3: 2022)

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
824.	Electric Irons	Resistance to heat and fire and tracking	Cl.30 of IS 302-2-3:2024 (IEC 60335-2-3: 2022)
825.	Electric Irons	Resistance to rusting	Cl.31 of IS 302-2-3:2024 (IEC 60335-2-3: 2022)
826.	Electric Irons	Radiation Hazards	Cl.32 of IS 302-2-3:2024 (IEC 60335-2-3: 2022)
827.	Massage Appliances	Rating	Cl.5 of IS 302-2-32:1994
828.	Massage Appliances	Classification	Cl.6 of IS 302-2-32:1994
829.	Massage Appliances	Marking	Cl.7 of IS 302-2-32:1994
830.	Massage Appliances	Protection against electric shock	Cl.8 of IS 302-2-32:1994
831.	Massage Appliances	Starting of Motor Operated Appliances	Cl.9 of IS 302-2-32:1994
832.	Massage Appliances	Input and Current	Cl.10 of IS 302-2-32:1994
833.	Massage Appliances	Temperature Rise	Cl.11 of IS 302-2-32:1994
834.	Massage Appliances	Operation under overload conditions of Appliances with Heating Elements	Cl.12 of IS 302-2-32:1994
835.	Massage Appliances	Electricals Insulation and Leakage Current at operating temperature	Cl.13 of IS 302-2-32:1994
836.	Massage Appliances	Radio and television interference suppression	Cl.14 of IS 302-2-32:1994

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
837.	Massage Appliances	Moisture Resistance	Cl.15 of IS 302-2-32:1994
838.	Massage Appliances	Insulation Resistance and Electric Strength (after humidity treatment)	Cl.16 of IS 302-2-32:1994
839.	Massage Appliances	Overload protection	Cl.17 of IS 302-2-32:1994
840.	Massage Appliances	Abnormal Operation	Cl.19 of IS 302-2-32:1994
841.	Massage Appliances	Stability and Mechanical Hazards	Cl.20 of IS 302-2-32:1994
842.	Massage Appliances	Mechanical Strength	Cl.21 of IS 302-2-32:1994
843.	Massage Appliances	Construction	Cl.22 of IS 302-2-32:1994
844.	Massage Appliances	Internal wiring	Cl.23 of IS 302-2-32:1994
845.	Massage Appliances	Components	Cl.24 of IS 302-2-32:1994
846.	Massage Appliances	Supply Connection and External Flexible Cables and Cords	Cl.25 of IS 302-2-32:1994
847.	Massage Appliances	Terminals For External Conductor	Cl.26 of IS 302-2-32:1994
848.	Massage Appliances	Provision For Earthing	Cl.27 of IS 302-2-32:1994
849.	Massage Appliances	Screws And Connection	Cl.28 of IS 302-2-32:1994
850.	Massage Appliances	Creepage distances and Clearances	Cl.29 of IS 302-2-32:1994

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
851.	Massage Appliances	Resistance to Heat, Fire and Tracking	Cl.30 of IS 302-2-32:1994
852.	Massage Appliances	Resistance to Rusting	Cl.31 of IS 302-2-32:1994
853.	Electric Heating Tools	Rating	Cl.5 of IS 302-2-45:1994
854.	Electric Heating Tools	Classification	Cl.6 of IS 302-2-45:1994
855.	Electric Heating Tools	Marking	Cl.7 of IS 302-2-45:1994
856.	Electric Heating Tools	Protection against electric shock	Cl.8 of IS 302-2-45:1994
857.	Electric Heating Tools	Starting of Motor Operated Appliances	Cl.9 of IS 302-2-45:1994
858.	Electric Heating Tools	Input and current	Cl.10 of IS 302-2-45:1994
859.	Electric Heating Tools	Temperature Rise	Cl.11 of IS 302-2-45:1994
860.	Electric Heating Tools	Operation under overload conditions	Cl.12 of IS 302-2-45:1994
861.	Electric Heating Tools	Electrical Insulation at Operating Temperature	Cl.13 of IS 302-2-45:1994
862.	Electric Heating Tools	Radio and television interference suppression	Cl.14 of IS 302-2-45:1994
863.	Electric Heating Tools	Moisture Resistance	Cl.15 of IS 302-2-45:1994
864.	Electric Heating Tools	Insulation Resistance and Electric Strength (after humidity treatment)	Cl.16 of IS 302-2-45:1994

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
865.	Electric Heating Tools	Overload protection	Cl.17 of IS 302-2-45:1994
866.	Electric Heating Tools	Abnormal Operation	Cl.19 of IS 302-2-45:1994
867.	Electric Heating Tools	Stability and Mechanical Hazards	Cl.20 of IS 302-2-45:1994
868.	Electric Heating Tools	Mechanical Strength	Cl.21 of IS 302-2-45:1994
869.	Electric Heating Tools	Construction	Cl.22 of IS 302-2-45:1994
870.	Electric Heating Tools	Internal wiring	Cl.23 of IS 302-2-45:1994
871.	Electric Heating Tools	Components	Cl.24 of IS 302-2-45:1994
872.	Electric Heating Tools	Supply Connection and External Flexible Cables and Cords	Cl.25 of IS 302-2-45:1994
873.	Electric Heating Tools	Terminals For External Conductors	Cl.26 of IS 302-2-45:1994
874.	Electric Heating Tools	Provision For Earthing	Cl.27 of IS 302-2-45:1994
875.	Electric Heating Tools	Screws And Connections	Cl.28 of IS 302-2-45:1994
876.	Electric Heating Tools	Creepage distances and Clearances	Cl.29 of IS 302-2-45:1994
877.	Electric Heating Tools	Resistance to Heat, Fire and Tracking	Cl.30 of IS 302-2-45:1994
878.	Electric Steam Cookers	Classification	Cl. 6 of IS 302-2-46:1993
879.	Electric Steam Cookers	Marking	Cl. 7 of IS 302-2-46:1993

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
880.	Electric Steam Cookers	Protection against electric shock	Cl. 8 of IS 302-2-46:1993
881.	Electric Steam Cookers	Starting of Motor Operated Appliances	Cl.9 of IS 302-2-46:1993
882.	Electric Steam Cookers	Input And Current	Cl. 10 of IS 302-2-46:1993
883.	Electric Steam Cookers	Temperature Rise	Cl. 11 of IS 302-2-46:1993
884.	Electric Steam Cookers	Operation Under Overload Conditions of Appliances with Heating Elements	Cl. 12 of IS 302-2-46:1993
885.	Electric Steam Cookers	Electricals Insulation and Leakage Current at operating temperature	Cl. 13 of IS 302-2-46:1993
886.	Electric Steam Cookers	Radio and television interference suppression	Cl. 14 of IS 302-2-46:1993
887.	Electric Steam Cookers	Moisture Resistance	Cl. 15 of IS 302-2-46:1993
888.	Electric Steam Cookers	Insulation Resistance and Electric Strength (after humidity treatment)	Cl. 16 of IS 302-2-46:1993
889.	Electric Steam Cookers	Overload protection	Cl. 17 of IS 302-2-46:1993
890.	Electric Steam Cookers	Abnormal Operation	Cl. 19 of IS 302-2-46:1993
891.	Electric Steam Cookers	Stability and Mechanical Hazards	Cl. 20 of IS 302-2-46:1993
892.	Electric Steam Cookers	Mechanical Strength	Cl. 21 of IS 302-2-46:1993

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
893.	Electric Steam Cookers	Construction	Cl. 22 of IS 302-2-46:1993
894.	Electric Steam Cookers	Internal wiring	Cl. 23 of IS 302-2-46:1993
895.	Electric Steam Cookers	Components	Cl. 24 of IS 302-2-46:1993
896.	Electric Steam Cookers	Supply Connection and External Flexible Cables and Cords	Cl. 25 of IS 302-2-46:1993
897.	Electric Steam Cookers	Terminals For External Conductor	Cl. 26 of IS 302-2-46:1993
898.	Electric Steam Cookers	Provision For Earthing	Cl. 27 of IS 302-2-46:1993
899.	Electric Steam Cookers	Screws And Connection	Cl. 28 of IS 302-2-46:1993
900.	Electric Steam Cookers	Resistance To Heat, Fire and Tracking	Cl. 30 of IS 302-2-46:1993
901.	Electric Steam Cookers	Resistance to Rusting	Cl. 31 of IS 302-2-46:1993
902.	Electric Steam Cookers	Radiation Hazards	Cl. 32 of IS 302-2-46:1993
903.	Electric Call Bells and Buzzers for Indoor Use	Rating	Cl.5 of IS 302-2-203:1994
904.	Electric Call Bells and Buzzers for Indoor Use	Classification	Cl.6 of IS 302-2-203:1994
905.	Electric Call Bells and Buzzers for Indoor Use	Marking	Cl.7 of IS 302-2-203:1994
906.	Electric Call Bells and Buzzers for Indoor Use	Protection against electric shock	Cl.8 of IS 302-2-203:1994

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
907.	Electric Call Bells and Buzzers for Indoor Use	Temperature Rise	Cl.11 of IS 302-2-203:1994
908.	Electric Call Bells and Buzzers for Indoor Use	Electricals Insulation and Leakage Current at operating temperature	Cl.13 of IS 302-2-203:1994
909.	Electric Call Bells and Buzzers for Indoor Use	Radio and television interference suppressions	Cl.14 of IS 302-2-203:1994
910.	Electric Call Bells and Buzzers for Indoor Use	Moisture Resistance	Cl.15 of IS 302-2-203:1994
911.	Electric Call Bells and Buzzers for Indoor Use	Insulation Resistance and Electric Strength (after humidity treatment)	Cl.16 of IS 302-2-203:1994
912.	Electric Call Bells and Buzzers for Indoor Use	Mechanical Strength	Cl.21 of IS 302-2-203:1994
913.	Electric Call Bells and Buzzers for Indoor Use	Construction	Cl.22 of IS 302-2-203:1994
914.	Electric Call Bells and Buzzers for Indoor Use	Internal wiring	Cl.23 of IS 302-2-203:1994
915.	Electric Call Bells and Buzzers for Indoor Use	Components	Cl.24 of IS 302-2-203:1994
916.	Electric Call Bells and Buzzers for Indoor Use	Supply Connection and External Flexible Cables and Cords	Cl.25 of IS 302-2-203:1994
917.	Electric Call Bells and Buzzers for Indoor Use	Terminals For External Conductors	Cl.26 of IS 302-2-203:1994
918.	Electric Call Bells and Buzzers for Indoor Use	Provision For Earthing	Cl.27 of IS 302-2-203:1994

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
919.	Electric Call Bells and Buzzers for Indoor Use	Screws And Connections	Cl.28 of IS 302-2-203:1994
920.	Electric Call Bells and Buzzers for Indoor Use	Creepage distances and Clearances	Cl.29 of IS 302-2-203:1994
921.	Electric Call Bells and Buzzers for Indoor Use	Resistance to Heat, Fire and tracking	Cl.30 of IS 302-2-203:1994
922.	Electric Call Bells and Buzzers for Indoor Use	Resistance to Rusting	Cl.31 of IS 302-2-203:1994
923.	Electric Water Boilers	Rating	Cl.5 of IS 302-2-204:1994
924.	Electric Water Boilers	Classification	Cl.6 of IS 302-2-204:1994
925.	Electric Water Boilers	Marking	Cl.7 of IS 302-2-204:1994
926.	Electric Water Boilers	Protection against electric shock	Cl.8 of IS 302-2-204:1994
927.	Electric Water Boilers	Input and Current	Cl.10 of IS 302-2-204:1994
928.	Electric Water Boilers	Temperature Rise	Cl.11 of IS 302-2-204:1994
929.	Electric Water Boilers	Operation Under Overload Conditions of Appliances with Heating Element	Cl.12 of IS 302-2-204:1994
930.	Electric Water Boilers	Electricals Insulation and Leakage Current at operating temperature	Cl.13 of IS 302-2-204:1994
931.	Electric Water Boilers	Radio and television interference suppression	Cl.14 of IS 302-2-204:1994

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	Domestic Electrical Appliances		
932.	Electric Water Boilers	Moisture Resistance	Cl.15 of IS 302-2-204:1994
933.	Electric Water Boilers	Insulation Resistance and Electric Strength	Cl.16 of IS 302-2-204:1994
934.	Electric Water Boilers	Overload protection	Cl.17 of IS 302-2-204:1994
935.	Electric Water Boilers	Abnormal Operation	Cl.19 of IS 302-2-204:1994
936.	Electric Water Boilers	Stability and Mechanical Hazards	Cl.20 of IS 302-2-204:1994
937.	Electric Water Boilers	Mechanical Strength	Cl.21 of IS 302-2-204:1994
938.	Electric Water Boilers	Construction	Cl.22 of IS 302-2-204:1994
939.	Electric Water Boilers	Internal wiring	Cl.23 of IS 302-2-204:1994
940.	Electric Water Boilers	Components	Cl.24 of IS 302-2-204:1994
941.	Electric Water Boilers	Supply Connection and External Flexible Cables and Cords	Cl.25 of IS 302-2-204:1994
942.	Electric Water Boilers	Terminals For External Conductor	Cl.26 of IS 302-2-204:1994
943.			
944.	Electric Water Boilers	Provision For Earthing	Cl.27 of IS 302-2-204:1994
945.	Electric Water Boilers	Screws And Connection	Cl.28 of IS 302-2-204:1994
946.	Electric Water Boilers	Creepage distances and Clearances	Cl.29 of IS 302-2-204:1994

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
947.	Electric Water Boilers	Resistance to Heat, Fire and tracking	Cl.30 of IS 302-2-204:1994
948.	Electric Water Boilers	Resistance to Rusting	Cl.31 of IS 302-2-204:1994
949.	Electric Water Boilers	Radiation Hazard	Cl.32 of IS 302-2-204:1994
950.	Electric coffee machines	Classification	Cl.6 of IS 302-2-206:1994
951.	Electric coffee machines	Marking	Cl.7 of IS 302-2-206:1994
952.	Electric coffee machines	Protection Against Access Electric Shock	Cl.8 of IS 302-2-206:1994
953.	Electric coffee machines	Starting Of Motor Operated Appliances	Cl.9 of IS 302-2-206:1994
954.	Electric coffee machines	Input	Cl.10 of IS 302-2-206:1994
955.	Electric coffee machines	Temperature Rise	Cl.11 of IS 302-2-206:1994
956.	Electric coffee machines	Operation Under Overload Conditions Of Appliances With Heating Elements	Cl.12 of IS 302-2-206:1994
957.	Electric coffee machines	Electrical Insulation And Leakage Current At Operating Temperature	Cl.13 of IS 302-2-206:1994
958.	Electric coffee machines	Radio And Television Interference Suppression	Cl.14 of IS 302-2-206:1994
959.	Electric coffee machines	Moisture Resistance	Cl.15 of IS 302-2-206:1994

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
960.	Electric coffee machines	Insulation Resistance And Electric Strength (After Humidity Treatment)	Cl.16 of IS 302-2-206:1994
961.	Electric coffee machines	Overload protection	Cl.17 of IS 302-2-206:1994
962.	Electric coffee machines	Endurance	Cl.18 of IS 302-2-206:1994
963.	Electric coffee machines	Abnormal operation	Cl.19 of IS 302-2-206:1994
964.	Electric coffee machines	Stability and mechanical hazards	Cl.20 of IS 302-2-206:1994
965.	Electric coffee machines	Mechanical Strength	Cl.21 of IS 302-2-206:1994
966.	Electric coffee machines	Construction	Cl.22 of IS 302-2-206:1994
967.	Electric coffee machines	Internal Wiring	Cl.23 of IS 302-2-206:1994
968.	Electric coffee machines	Component	Cl.24 of IS 302-2-206:1994
969.	Electric coffee machines	Supply Connection and External Flexible Cables and Cords	Cl.25 of IS 302-2-206:1994
970.	Electric coffee machines	Terminals for External Conductors	Cl.26 of IS 302-2-206:1994
971.	Electric coffee machines	Provision for Earthing	Cl.27 of IS 302-2-206:1994
972.	Electric coffee machines	Screw and Connections	Cl.28 of IS 302-2-206:1994
973.	Electric coffee machines	Creepage distance and Clearances	Cl.29 of IS 302-2-206:1994

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
974.	Electric coffee machines	Resistance to heat, fire and tracking	Cl.30 of IS 302-2-206:1994
975.	Electric coffee machines	Resistance to rusting	Cl.31 of IS 302-2-206:1994
976.	Electric coffee machines	Radiation hazards	Cl.32 of IS 302-2-206:1994
977.	Electric Food-Mixers (Liquidizers and Grinders) and Centrifugal Juicers	General requirement	Cl.4 of IS 4250 : 2025
978.	Electric Food-Mixers (Liquidizer and Grinders) and Centrifugal Juicers	General conditions for tests	Cl.5 of IS 4250 : 2025
979.	Electric Food-Mixers (Liquidizers and Grinders) and Centrifugal Juicers	Classification	Cl.6 of IS 4250 : 2025
980.	Electric Food-Mixers (Liquidizers and Grinders) and Centrifugal Juicers	Marking	Cl.7 of IS 4250 : 2025
981.	Electric Food-Mixers (Liquidizers and Grinders) and Centrifugal Juicers	Safety Requirements	Cl.8 of IS 4250 : 2025
982.	Electric Food-Mixers (Liquidizers and Grinders) and Centrifugal Juicers	Endurance for motor and base assembly	Cl.9 of IS 4250 : 2025
983.	Electric Food-Mixers (Liquidizers and Grinders) and Centrifugal Juicers	Operational Tests	Cl.10 of IS 4250: 2025

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
984.	Electric Food-Mixers (Liquidizers and Grinders) and Centrifugal Juicers	Temperature withstand test for bowl	Cl.11 of IS 4250: 2025
985.	Electric Food-Mixers (Liquidizers and Grinders) and Centrifugal Juicers	Test for controls	Cl.12 of IS 4250: 2025
986.	Electric Food-Mixers (Liquidizers and Grinders) and Centrifugal Juicers	Strength of assembly	Cl.13 of IS 4250: 2025
987.	Electric Food-Mixers (Liquidizers and Grinders) and Centrifugal Juicers	Schedule of tests	Cl.14 of IS 4250: 2025
988.	Electric Food-Mixers (Liquidizers and Grinders) and Centrifugal Juicers	Radiation	Cl.32 of IS 4250: 2025
989.	Frying Pans, Deep Fat Fryers and similar appliances	General Conditions for the Tests	Cl.5 of IS 302 Part 2 Sec 13: 2024 (IEC 60335-2-13: 2021)
990.	Frying Pans, Deep Fat Fryers and similar appliances	Classification	Cl.6 of IS 302 Part 2 Sec 13: 2024 (IEC 60335-2-13: 2021)
991.	Frying Pans, Deep Fat Fryers and similar appliances	Marking And Instructions	Cl.7 of IS 302 Part 2 Sec 13: 2024 (IEC 60335-2-13: 2021)
992.	Frying Pans, Deep Fat Fryers and similar appliances	Protection Against Access To Live Parts	Cl.8 of IS 302 Part 2 Sec 13: 2024 (IEC 60335-2-13: 2021)
993.	Frying Pans, Deep Fat Fryers and similar appliances	Starting Of Motor Operated Appliances	Cl.9 of IS 302 Part 2 Sec 13:2024 (IEC 60335-2-13: 2021)

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
994.	Frying Pans, Deep Fat Fryers and similar appliances	Power Input and Current	Cl.10 of IS 302 Part 2 Sec 13: 2024 (IEC 60335-2-13: 2021)
995.	Frying Pans, Deep Fat Fryers and similar appliances	Heating	Cl.11 of IS 302 Part 2 Sec 13: 2024 (IEC 60335-2-13: 2021)
996.	Frying Pans, Deep Fat Fryers and similar appliances	Operation Under Overload Conditions of Appliances with Heating Elements	Cl.12 of IS 302 Part 2 Sec 13: 2024 (IEC 60335-2-13: 2021)
997.	Frying Pans, Deep Fat Fryers and similar appliances	Leakage Current and Electric Strength at Operating Temperature	Cl.13 of IS 302 Part 2 Sec 13: 2024 (IEC 60335-2-13: 2021)
998.	Frying Pans, Deep Fat Fryers and similar appliances	Transient Overvoltage	Cl.14 of IS 302 Part 2 Sec 13: 2024 (IEC 60335-2-13: 2021)
999.	Frying Pans, Deep Fat Fryers and similar appliances	Moisture Resistance	Cl.15 of IS 302 Part 2 Sec 13: 2024 (IEC 60335-2-13: 2021)
1000.	Frying Pans, Deep Fat Fryers and similar appliances	Leakage Current and Electric Strength	Cl.16 of IS 302 Part 2 Sec 13: 2024 (IEC 60335-2-13: 2021)
1001.	Frying Pans, Deep Fat Fryers and similar appliances	Overload Protection of Transformers and Associated Circuits	Cl.17 of IS 302 Part 2 Sec 13: 2024 (IEC 60335-2-13: 2021)
1002.	Frying Pans, Deep Fat Fryers and similar appliances	Endurance	Cl.18 of IS 302 Part 2 Sec 13: 2024 (IEC 60335-2-13: 2021)
1003.	Frying Pans, Deep Fat Fryers and similar appliances	Abnormal operation	Cl.19 of IS 302 Part 2 Sec 13: 2024 (IEC 60335-2-13: 2021)
1004.	Frying Pans, Deep Fat Fryers and similar appliances	Stability and mechanical hazards	Cl.20 of IS 302 Part 2 Sec 13: 2024 (IEC 60335-2-13: 2021)

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
1005.	Frying Pans, Deep Fat Fryers and similar appliances	Mechanical Strength	CI.21 of IS 302 Part 2 Sec 13: 2024 (IEC 60335-2-13: 2021)
1006.	Frying Pans, Deep Fat Fryers and similar appliances	Construction	CI.22 of IS 302 Part 2 Sec 13: 2024 (IEC 60335-2-13: 2021)
1007.	Frying Pans, Deep Fat Fryers and similar appliances	Internal Wiring	CI.23 of IS 302 Part 2 Sec 13: 2024 (IEC 60335-2-13: 2021)
1008.	Frying Pans, Deep Fat Fryers and similar appliances	Components	CI.24 of IS 302 Part 2 Sec 13: 2024 (IEC 60335-2-13: 2021)
1009.	Frying Pans, Deep Fat Fryers and similar appliances	Supply Connection and External Flexible Cords	CI.25 of IS 302 Part 2 Sec 13: 2024 (IEC 60335-2-13: 2021)
1010.	Frying Pans, Deep Fat Fryers and similar appliances	Terminals for External Conductors	CI.26 of IS 302 Part 2 Sec 13: 2024 (IEC 60335-2-13: 2021)
1011.	Frying Pans, Deep Fat Fryers and similar appliances	Provision for Earthing	CI.27 of IS 302 Part 2 Sec 13: 2024 (IEC 60335-2-13: 2021)
1012.	Frying Pans, Deep Fat Fryers and similar appliances	Screw and Connections	CI.28 of IS 302 Part 2 Sec 13: 2024 (IEC 60335-2-13: 2021)
1013.	Frying Pans, Deep Fat Fryers and similar appliances	Clearances, Creepage Distances and Solid Insulation	CI.29 of IS 302 Part 2 Sec 13: 2024 (IEC 60335-2-13: 2021)
1014.	Frying Pans, Deep Fat Fryers and similar appliances	Resistance To Heat and Fire	CI.30 of IS 302 Part 2 Sec 13: 2024 (IEC 60335-2-13: 2021)
1015.	Frying Pans, Deep Fat Fryers and similar appliances	Resistance to rusting	CI.31 of IS 302 Part 2 Sec 13: 2024 (IEC 60335-2-13: 2021)
1016.	Frying Pans, Deep Fat Fryers and similar appliances	Radiation, Toxicity and Similar Hazards	CI.32 of IS 302 Part 2 Sec 13: 2024 (IEC 60335-2-13: 2021)



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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
1017.	Electrical Shavers Hair, Clippers and Similar appliances	Rating	Cl.5 of IS 302 Part 2 Sec 8 : 2024 (IEC 60335-2-8 : 2022)
1018.	Electrical Shavers Hair, Clippers and Similar appliances	Classification	Cl.6 of IS 302 Part 2 Sec 8 : 2024 (IEC 60335-2-8 : 2022)
1019.	Electrical Shavers Hair, Clippers and Similar Appliances	Marking	Cl.7 of IS 302 Part 2 Sec 8 : 2024 (IEC 60335-2-8 : 2022)
1020.	Electrical Shavers Hair, Clippers and Similar Appliances	Protection against electric shock	Cl.8 of IS 302 Part 2 Sec 8 : 2024 (IEC 60335-2-8 : 2022)
1021.	Electrical Shavers Hair, Clippers and Similar Appliances	Temperature Rise	Cl.11 of IS 302 Part 2 Sec 8 : 2024 (IEC 60335-2-8 : 2022)
1022.	Electrical Shavers Hair, Clippers and Similar Appliances	Operation Under Overload Conditions Of Appliances With Heating Elements	Cl.12 of IS 302 Part 2 Sec 8 : 2024 (IEC 60335-2-8 : 2022)
1023.	Electrical Shavers Hair, Clippers and Similar Appliances	Electricals Insulation and Leakage Current at operating temperature	Cl.13 of IS 302 Part 2 Sec 8 : 2024 (IEC 60335-2-8 : 2022)
1024.	Electrical Shavers Hair, Clippers and Similar Appliances	Moisture Resistance	Cl.15 of IS 302 Part 2 Sec 8 : 2024 (IEC 60335-2-8 : 2022)
1025.	Electrical Shavers Hair, Clippers and Similar Appliances	Insulation Resistance and Electric Strength (after humidity treatment)	Cl.16 of IS 302 Part 2 Sec 8 : 2024 (IEC 60335-2-8 : 2022)

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
1026.	Electrical Shavers Hair, Clippers and Similar Appliances	Overload protection	CI.17 of IS 302 Part 2 Sec 8 : 2024 (IEC 60335-2-8 : 2022)
1027.	Electrical Shavers Hair, Clippers and Similar Appliances	Abnormal Operation	CI.19 of IS 302 Part 2 Sec 8 : 2024 (IEC 60335-2-8 : 2022)
1028.	Electrical Shavers Hair, Clippers and Similar Appliances	Stability and Mechanical Hazards	CI.20 of 302 Part 2 Sec 8 : 2024 (IEC 60335-2-8 : 2022)
1029.	Electrical Shavers Hair, Clippers and Similar Appliances	Mechanical Strength	CI.21 of IS 302 Part 2 Sec 8 : 2024 (IEC 60335-2-8 : 2022)
1030.	Electrical Shavers Hair, Clippers and Similar Appliances	Construction	CI.22 of IS 302 Part 2 Sec 8 : 2024 (IEC 60335-2-8 : 2022)
1031.	Electrical Shavers Hair, Clippers and Similar Appliances	Internal wiring	CI.23 of IS 302 Part 2 Sec 8 : 2024 (IEC 60335-2-8 : 2022)
1032.	Electrical Shavers Hair, Clippers and Similar Appliances	Components	CI.24 of IS 302 Part 2 Sec 8 : 2024 (IEC 60335-2-8 : 2022)
1033.	Electrical Shavers Hair, Clippers and Similar Appliances	Supply Connection and External Flexible Cables and Cords	CI.25 of IS 302 Part 2 Sec 8 : 2024 (IEC 60335-2-8 : 2022)

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
1034.	Electrical Shavers Hair, Clippers and Similar Appliances	Terminals For External Conductor	Cl.26 of IS 302 Part 2 Sec 8 : 2024 (IEC 60335-2-8 : 2022)
1035.	Electrical Shavers Hair, Clippers and Similar Appliances	Provision For Earthing	Cl.27 of IS 302 Part 2 Sec 8 : 2024 (IEC 60335-2-8 : 2022)
1036.	Electrical Shavers Hair, Clippers and Similar Appliances	Screws And Connections	Cl.28 of IS 302 Part 2 Sec 8 : 2024 (IEC 60335-2-8 : 2022)
1037.	Electrical Shavers Hair, Clippers and Similar appliances	Creepage distances and Clearances	Cl.29 of IS 302 Part 2 Sec 8 : 2024 (IEC 60335-2-8 : 2022)
1038.	Electrical Shavers Hair, Clippers and Similar appliances	Resistance to Heat, Fire and tracking	Cl.30 of IS 302 Part 2 Sec 8 : 2024 (IEC 60335-2-8 : 2022)
1039.	Electrical Shavers Hair, Clippers and Similar appliances	Resistance to Rusting	Cl.31 of IS 302 Part 2 Sec 8 : 2024 (IEC 60335-2-8 : 2022)
1040.	Single Walled Baking Ovens	Rating	Cl.5 of IS 302-2-208:1994
1041.	Single Walled Baking Ovens	Classification	Cl.6 of IS 302-2-208:1994
1042.	Single Walled Baking Ovens	Marking	Cl.7 of IS 302-2-208:1994
1043.	Single Walled Baking Ovens	Protection against electric shock	Cl.8 of IS 302-2-208:1994
1044.	Single Walled Baking Ovens	Input and Current	Cl.10 of IS 302-2-208:1994
1045.	Single Walled Baking Ovens	Temperature Rise	Cl.11 of IS 302-2-208:1994



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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
1046.	Single Walled Baking Ovens	Operation Under Overload Conditions of Appliances with Heating Elements	Cl.12 of IS 302-2-208:1994
1047.	Single Walled Baking Ovens	Electricals Insulation and Leakage Current at operating temperature	Cl.13 of IS 302-2-208:1994
1048.	Single Walled Baking Ovens	Radio and television interference suppression	Cl.14 of IS 302-2-208:1994
1049.	Single Walled Baking Ovens	Moisture Resistance	Cl.15 of IS 302-2-208:1994
1050.	Single Walled Baking Ovens	Insulation Resistance and Electric Strength (after humidity treatment)	Cl.16 of IS 302-2-208:1994
1051.	Single Walled Baking Ovens	Overload protection	Cl.17 of IS 302-2-208:1994
1052.	Single Walled Baking Ovens	Abnormal Operation	Cl.19 of IS 302-2-208:1994
1053.	Single Walled Baking Ovens	Stability and Mechanical Hazards	Cl.20 of IS 302-2-208:1994
1054.	Single Walled Baking Ovens	Mechanical Strength	Cl.21 of IS 302-2-208:1994
1055.	Single Walled Baking Ovens	Construction	Cl.22 of IS 302-2-208:1994
1056.	Single Walled Baking Ovens	Internal wiring	Cl.23 of IS 302-2-208:1994
1057.	Single Walled Baking Ovens	Components	Cl.24 of IS 302-2-208:1994
1058.	Single Walled Baking Ovens	Supply Connection and External Flexible Cables and Cords	Cl.25 of IS 302-2-208:1994

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
1059.	Single Walled Baking Ovens	Terminals For External Conductors	Cl.26 of IS 302-2-208:1994
1060.	Single Walled Baking Ovens	Provision For Earthing	Cl.27 of IS 302-2-208:1994
1061.	Single Walled Baking Ovens	Resistance to Heat, Fire and tracking	Cl.30 of IS 302-2-208:1994
1062.	Single Walled Baking Ovens	Resistance to Rusting	Cl.31 of IS 302-2-208:1994
1063.	Single Walled Baking Ovens	Radiation Hazards	Cl.32 of IS 302-2-208:1994
1064.	Low Speed Food Grinding Machines	Rating	Cl.5 of IS 302-2-209:1994
1065.	Low Speed Food Grinding Machines	Classification	Cl.6 of IS 302-2-209:1994
1066.	Low Speed Food Grinding Machines	Marking	Cl.7 of IS 302-2-209:1994
1067.	Low Speed Food Grinding Machines	Protection Against Electric Shock	Cl.8 of IS 302-2-209:1994
1068.	Low Speed Food Grinding Machines	Starting Of Motor Operated Appliances	Cl.9 of IS 302-2-209:1994
1069.	Low Speed Food Grinding Machines	Input And Current	Cl.10 of IS 302-2-209:1994
1070.	Low Speed Food Grinding Machines	Temperature Rise	Cl.11 of IS 302-2-209:1994
1071.	Low Speed Food Grinding Machines	Operation Under Overload Conditions of Appliances with Heating Elements	Cl.12 of IS 302-2-209:1994

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
1072.	Low Speed Food Grinding Machines	Electrical Insulation and Leakage Current At Operating Temperature	Cl.13 of IS 302-2-209:1994
1073.	Low Speed Food Grinding Machines	Radio And Television Interference Suppression	Cl.14 of IS 302-2-209:1994
1074.	Low Speed Food Grinding Machines	Moisture Resistance	Cl.15 of IS 302-2-209:1994
1075.	Low Speed Food Grinding Machines	Insulation Resistance and Electric Shock Strength (After Humidity Treatment)	Cl.16 of IS 302-2-209:1994
1076.	Low Speed Food Grinding Machines	Overload protection	Cl.17 of IS 302-2-209:1994
1077.	Low Speed Food Grinding Machines	Abnormal operation	Cl.19 of IS 302-2-209:1994
1078.	Low Speed Food Grinding Machines	Stability and mechanical hazards	Cl.20 of IS 302-2-209:1994
1079.	Low Speed Food Grinding Machines	Mechanical Strength	Cl.21 of IS 302-2-209:1994
1080.	Low Speed Food Grinding Machines	Construction	Cl.22 of IS 302-2-209:1994
1081.	Low Speed Food Grinding Machines	Internal Wirings	Cl.23 of IS 302-2-209:1994
1082.	Low Speed Food Grinding Machines	Components	Cl.24 of IS 302-2-209:1994
1083.	Low Speed Food Grinding Machines	Supply Connection and External Flexible Cables and Cords	Cl.25 of IS 302-2-209:1994

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
1084.	Low Speed Food Grinding Machines	Terminals for External Conductors	Cl.26 of IS 302-2-209:1994
1085.	Low Speed Food Grinding Machines	Provision for Earthing	Cl.27 of IS 302-2-209:1994
1086.	Low Speed Food Grinding Machines	Screw and Connections	Cl.28 of IS 302-2-209:1994
1087.	Low Speed Food Grinding Machines	Resistance to heat, fire and tracking	Cl.30 of IS 302-2-209:1994
1088.	Low Speed Food Grinding Machines	Resistance to rusting	Cl.31 of IS 302-2-209:1994
1089.	Low Speed Food Grinding Machines	Radiation hazards	Cl.32 of IS 302-2-209:1994
1090.	Spin extractors	General Conditions for the Tests	Cl.5 of IS 302 Part 2 Sec 4:1993
1091.	Spin extractors	Classification	Cl.6 of IS 302 Part 2 Sec 4:1993
1092.	Spin extractors	Marking And Instructions	Cl.7 of IS 302 Part 2 Sec 4:1993
1093.	Spin extractors	Protection Against Access to Live Parts	Cl.8 of IS 302 Part 2 Sec 4:1993
1094.	Spin extractors	Power Input and Current	Cl.10 of IS 302 Part 2 Sec 4:1993
1095.	Spin extractors	Heating	Cl.11 of IS 302 Part 2 Sec 4:1993
1096.	Spin extractors	Leakage Current and Electric Strength at Operating Temperature	Cl.13 of I IS 302 Part 2 Sec 4:1993
1097.	Spin extractors	Transient Overvoltage	Cl.14 of IS 302 Part 2 Sec 4:1993

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
1098.			
1099.	Spin extractors	Moisture Resistance	Cl.15 of IS 302 Part 2 Sec 4:1993
1100.	Spin extractors	Leakage Current and Electric Strength	Cl.16 of IS 302 Part 2 Sec 4:1993
1101.	Spin extractors	Overload Protection of Transformers and Associated Circuits	Cl.17 of IS 302 Part 2 Sec 4:1993
1102.	Spin extractors	Abnormal Operation	Cl.19 of IS 302 Part 2 Sec 4:1993
1103.	Spin extractors	Stability and Mechanical Hazards	Cl.20 of IS 302 Part 2 Sec 4:1993
1104.	Spin extractors	Mechanical Strength	Cl.21 of IS 302 Part 2 Sec 4:1993
1105.	Spin extractors	Construction	Cl.22 of IS 302 Part 2 Sec 4:1993
1106.	Spin extractors	Internal wiring	Cl.23 of IS 302 Part 2 Sec 4:1993
1107.	Spin extractors	Components	Cl.24 of IS 302 Part 2 Sec 4:1993
1108.	Spin extractors	Supply Connection and External Flexible Cords	Cl.25 of IS 302 Part 2 Sec 4:1993
1109.	Spin extractors	Terminals For External Conductors	Cl.26 of IS 302 Part 2 Sec 4:1993
1110.	Spin extractors	Provision For Earthing	Cl.27 of IS 302 Part 2 Sec 4:1993
1111.	Spin extractors	Screws And Connections	Cl.28 of IS 302 Part 2 Sec 4:1993

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
1112.	Spin extractors	Clearances, Creepage Distances and Solid Insulation	Cl.29 of IS 302 Part 2 Sec 4:1993
1113.	Spin extractors	Resistance to Heat and Fire	Cl.30 of IS 302 Part 2 Sec 4:1993
1114.	Spin extractors	Resistance to Rusting	Cl.31 of IS 302 Part 2 Sec 4:1993
1115.	Spin extractors	Radiation, Toxicity and Similar Hazards	Cl.32 of IS 302 Part 2 Sec 4:1993
1116.	Lighters	Lighters - safety	IS/ISO 9994:2018
1117.	Lighters	Flame Generation	IS/ISO 9994:2018
1118.	Lighters	Flame heights	IS/ISO 9994:2018
1119.	Lighters	Flame extinction	IS/ISO 9994:2018
1120.	Lighters	Resistance to spitting or sputtering and flaring	IS/ISO 9994:2018
1121.	Lighters	Volumetric Displacement	IS/ISO 9994:2018
1122.	Lighters	Compatibility with fuel	IS/ISO 9994:2018
1123.	Lighters	Resistance to Fuel Loss	IS/ISO 9994:2018
1124.	Lighters	Resistance to Dropping	IS/ISO 9994:2018
1125.	Lighters	Resistance to Elevated Temperature	IS/ISO 9994:2018
1126.	Lighters	Resistance to internal pressure	IS/ISO 9994:2018
1127.	Lighters	Burning Behaviour	IS/ISO 9994:2018

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
1128.	Lighters	Resistance to Cyclic Burning	IS/ISO 9994:2018
1129.	Lighters	Resistance to Continuous burning	IS/ISO 9994:2018
1130.	Lighters	To maintain the ambient condition in Laboratory	IS/ISO 9994:2018



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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

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Environmental test facility		
26.	Electric vehicle conductive charging System	IP degree (IP41, IP44, IP21, IP24)	Cl. 12.4 of EN IEC 61851-1: 2017
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

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Environmental test facility		
31.	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	IS/IEC 60529: 2001
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	IEC 60529 (A1:1999 + A2: 2013): : 1989

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Environmental test facility		
		characteristic numeral & Protection against solid foreign objects IP 1X	
36.	Electrical & electronics equipment/ appliances	Degree of protection against access to hazardous part indicated by the first characteristic numeral & Protection against solid foreign objects	IS/IEC 60529: 2001
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

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Environmental test facility		
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
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

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Environmental test facility		
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 and automotive and electromechanical products, assemblies and other components	Dry heat/ high temperature (dry heat cycle)	Test No.13, 22 of JSS 50101: 1996
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

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Environmental test facility		
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, assemblies and other components	Ball pressure test (resistance to heat test)	IEC 60695-10-2: 2014
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

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Environmental test facility		
70.	Electronic/ electrical products/ telecommunication equipment and automotive and electromechanical Products, assemblies and other components	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
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



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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Environmental test facility		
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	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		
	and automotive and electromechanical products, 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



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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Environmental test facility		
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 and automotive and electromechanical products, assemblies and other components	Cold test/ low temperature (cold cycle)	ETSI EN 300 019-1-5 V2.1.4: 2003
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



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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Environmental test facility		
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
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

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Environmental test facility		
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, assemblies and other components	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. 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/	Corrosion /salt fog / salt fog	Test No. 9 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		
	telecommunication equipment and automotive and electromechanical products, assemblies and other components		
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/ telecommunication equipment and automotive and electromechanical products, assemblies and other components	Corrosion /salt fog / salt fog	ASTM B 117:2019; ISO 9227: 2017

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Environmental test facility		
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 components	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		
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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Electrical Testing			
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,	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,

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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		Issue: March 2010, Test No. 10, 11, 12; ETSI EN 300 019-1-2 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,	Dry heat/ high temperature (dry heat cycle)	ETSI EN 300 019-1-2 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		
120.	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
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

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Environmental test facility		
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
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	Dry heat/ high temperature (dry heat cycle)	ETSI EN 300 019-2-3 V2.5.1: 2020

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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		
129.	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
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

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Environmental test facility		
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 and automotive and electromechanical products, assemblies and other components	Dry heat/ high temperature (dry heat cycle)	ETSI EN 300 019-1-6 V2.1.4: 2003
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	Dry heat/ high temperature (dry heat cycle)	ETSI EN 300 019-1-7 V2.1.4: 2003

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Environmental test facility		
	electromechanical products, assemblies and other components		
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
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

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Environmental test facility		
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, assemblies and other components	Dry heat/ high temperature (dry heat cycle)	Test Method of 501.7 of MIL-STD-810H: 2019
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	Glow wire test	IS 11000-2-1:2008/ IEC 60695-2-10: 2021

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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		
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
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,	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

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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		
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, assemblies and other components	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
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

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Environmental test facility		
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 and automotive and electromechanical products, assemblies and other components	Vibration - sine - random and - shock -bump	IEC 60068-2-6: 2007
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	Vibration - sine - random and - shock -bump	IS 9000: Part 7: Sec 1: 2018

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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		
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
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

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Environmental test facility		
			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/ telecommunication equipment and automotive and electromechanical products, assemblies and other components	Vibration - sine - random and - shock -bump	IEC-60068-2-64: 2008 +A1:2019
166.	Electronic/ electrical products/ telecommunication equipment and automotive and electromechanical products, assemblies and other components	Vibration - sine - random and - shock -bump	SAE J1455: 1994

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Environmental test facility		
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 components	Vibration - sine - random and - shock -bump	IEC 60068-2-27: 2008
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	Vibration - sine - random and - shock -bump	JASO D001: 1994

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Environmental test facility		
	electromechanical products, assemblies and other components		
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 electromechanical products, assemblies and other components	Vibration - sine - random and - shock -bump	Test No. 5, 24 PROCEDURE 2, 28 of JSS 55555: 2012
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

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

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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
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

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Lamps, luminaries & accessories		
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
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

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Lamps, luminaries & accessories		
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
40.	Emergency lighting	Terminals	Cl. 10 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		
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

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Lamps, luminaries & accessories		
54.	Floodlights	Endurance test and thermal test	Cl. 5. 12 of IEC 60598-2-5: 2015
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

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Lamps, luminaries & accessories		
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
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

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Lamps, luminaires & accessories		
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 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

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Lamps, luminaires & accessories		
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
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

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Lamps, luminaires & accessories		
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
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

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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
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
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

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Lamps, luminaries & accessories		
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
136.	Handlamps	Resistance to dust, solid objects & moisture	Cl. 14 of IS 10322(Part 5/Sec 6): 2013+A1: 2022

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Lamps, luminaries & accessories		
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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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

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Lamps, luminaries & accessories		
			IEC 62031:2020/Cl.9 of IS 15885 (P-1):2011+A1: 2015
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

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Lamps, luminaries & accessories		
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
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

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Lamps, luminaries & accessories		
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
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

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Lamps, luminaires & accessories		
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
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

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Lamps, luminaires & accessories		
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
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

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Lamps, luminaires & accessories		
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
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

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Lamps, luminaries & accessories		
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
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

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Lamps, luminaries & accessories		
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
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

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Lamps, luminaries & accessories		
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
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

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Lamps, luminaires & accessories		
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
277.	Portable general-purpose luminaire	Insulation resistance and electric strength	Cl. 13.6 of IS 10322(Part 5/Sec 4) :1987 +A1: 1995

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Lamps, luminaires & accessories		
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

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Lamps, luminaires & accessories		
303.	Recessed luminaire	Construction	Cl. 2. 7 of BS EN 60598-2-2: 2012/ AS/NZS 60598-2-2 (A1: 2017 + A2: 2021): 2016
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

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Lamps, luminaires & accessories		
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
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

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Lamps, luminaires & accessories		
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
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

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Lamps, luminaires & accessories		
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 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

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Electrical Testing			
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
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
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-

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Lamps, luminaries & accessories		
			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
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

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Lamps, luminaries & accessories		
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
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

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Lamps, luminaries & accessories		
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
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



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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Lamps, luminaries & accessories		
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
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

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Lamps, luminaries & accessories		
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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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	Sec. 8 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		
		treatment	
398.	Self-ballasted led lamps for general lighting services	Marking	Sec. 5 of IEC 62560:2011+A1: 2015
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



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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
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

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Power supplies & stabilizers		
			(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
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



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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Power supplies & stabilizers		
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
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

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Power supplies & stabilizers		
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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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

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Audio equipment		
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
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

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Audio equipment		
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
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

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Audio equipment		
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
42.	Audio, video and similar electronics apparatus	Terminals	Cl. 9.1.4 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		
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

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	IT Equipment		
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
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

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	IT Equipment		
			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
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

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	IT Equipment		
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
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



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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	IT Equipment		
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 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

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	IT Equipment		
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): 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

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	IT Equipment		
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
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

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	IT Equipment		
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 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

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	IT Equipment		
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
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

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	IT Equipment		
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
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

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	IT Equipment		
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
90.	IT equipment's/ network equipment/audio/video equipment's	Glass impact test	Annex T9 of UL 62368-1 (Ed-3): 2019

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	IT Equipment		
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

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	IT Equipment		
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
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



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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	IT Equipment		
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
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

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	IT Equipment		
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
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

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	IT Equipment		
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
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

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	IT Equipment		
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
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

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	IT Equipment		
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, scanners, copiers, fax machines and multi-function devices)	Measurement of stand-by power- household electrical appliances	BEE Schedule 16/ IEC 62301 (2nd Edition): 2011: 2011

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	IT Equipment		
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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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

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
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
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

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
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
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:

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
			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: 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

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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		
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, 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):

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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		
			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): 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

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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		
			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 (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

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
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
40.	Leather & footwear	Strength of buckle/ trims /bows/puller attachment	SATRA TM 117:1992, SATRA TM 141: Jul 1994 (2018), SATRA TM 181:

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
			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

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Mechanical Testing			
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	Leather and Leather Products		
			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, 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:

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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
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 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

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
			(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, Table 3 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 Table 1 of IS 13893:1994, Cl. 5.2.11 table 1, Table 2 of IS 11226(A1: 1994 + A2: 1998): 1993, Cl. 5.2.11, Table 2 of IS 14544: 1998
50.	Leather & footwear - sole material	Hardness IRHD	Cl. 5.2.11, Table 1 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.

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
			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
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:

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
			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, 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

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
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: 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/

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
			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 IS 6721:1972, Cl. 3.6 Appendix A-1 of

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
			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

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
			20344: 2021/ Cl. 8.4 of IS 15298-1:2015/ISO 20344:2021/ SASO ISO 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

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
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 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

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
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 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



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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
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	Lactometer 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 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

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
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 (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

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
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

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
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 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-

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
			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 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

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	Leather and Leather Products		
			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 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

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	Leather and Leather Products		
			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
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:

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Mechanical Testing			
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	Leather and Leather Products		
			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 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

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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		
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 & 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

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
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): 2018, Cl. 5.2.1 of IS 11226 (A1: 1994

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
			+ 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

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
			13893:1994, IS 12240 (Part I) : 1988, Cl. 5.3 Table 1 of IS 12254: 1993, Cl. 4.4 of IS 6721:1972, 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

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
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: 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,

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
			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
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

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
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
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

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
			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 / 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

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
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): 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



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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
			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 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

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
			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/

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
			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: 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

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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		
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 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

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
			(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 / 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

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
			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 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,

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
			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: 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

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
			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: 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

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
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 17043(A1: 2021): 2018/ IS 17037 (A1: 2021): 2018/ IS 17012:2018, Cl.

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
			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

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
			20344:2021 / Cl. 5.2 of ISO 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

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
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 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):

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
			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 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



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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
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 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

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
153.	Footwear-hawai chappal	Density	Annex C, Cl. 4.4 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)
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

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
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)
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)

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
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)



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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
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)
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)

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
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)
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)

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
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)
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: 2012IS

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
			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)
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)

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
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)
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)

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
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)
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)



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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
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

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
256.	Footwear-shoes	Whole footwear- heat insulation of sole complex	Clause 4.5.6 of IS 17043 (P1):2024
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

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
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
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

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
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

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
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)
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)

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
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))
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))



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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
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))
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))

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
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))
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))

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
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))
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))

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
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))

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
368.	Footwear-shoes	Velcro fastener-initial	IS 8085 (Part 19) (Clause 6.8 of IS 17043 (P2):2024))
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-	IS 17098 (Clause 6.10 of IS 17043 (P2):2024))

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
		hook/metal trims)- corrosion resistance	
376.	Footwear-shoes	Zipper-fatigue resistance	ISO 10751 (Clause 6.11 of IS 17043 (P2):2024))
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

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
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
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

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	Leather and Leather Products		
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

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
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
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

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
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)



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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
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)
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)

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
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)
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)

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
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)
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 (Part 1) (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)

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
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)
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)

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
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)- strength of buckle/ski hook/d-ring,	Annex M of IS 15844 (Part 1) (Clause 7.11 of IS 15844 (Part 3): 2024)
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

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
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
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

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
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

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
530.	Leather & footwear - (slide fasteners)	Strength of slide fasteners puller	SATRA TM 52
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

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
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
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

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
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
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

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
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
576.	Footwear-Hawai Chappal	Category and Type, General, Design Sole Patterns Sole Surface	IS 1638 ,CL.5.2, IS 5676 : 1995/RA 2021/A1:2023 CL.3.1,3.2,3.4 of IS 6719 : 1972/A1:2023, CI 4.1,IS 13893: 1994/A2:2024 Cl. 5.2 of IS:10702 :2023)/A1:2024 Cl. 5 of IS:6721 :2023/A1:2024 CL.5.1, IS 5676 : 1995/A1:2023

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
577.	Footwear-Hawai Chappal	Material, Size	Cl. 5.1, of IS:10702:2023/A1:2024 IS 1638.'CL.5.4, IS 5676 : 1995/A1:202 0.1 mm @ 37.02 mm 3, CL.3.5, IS 6719 : 1972/A1:2023, IS 13893/1994/A2
578.	Footwear-Hawai Chappal	Thickness	Cl. 4.3 of IS:10702:2023, IS 15298 (Part 1) : 2015.'CL.5.5, IS 5676 : 1995/A1:2023,CL.3.6, IS 6719 : 1972/A1:2023,IS cl. 4.2, 13893:1994/A2:2024 Clause 4.1.3 and 8.3,IS 6664 : 1992/A1:2023
579.	Footwear-Hawai Chappal	Relative Density	Annex C, Cl. 4.4 of IS:10702:2023, Annex C-1 of IS 10702,CL.5.7, IS 5676 : 1995/A1:2023, CL.3.6, IS 6719 : 1972/A1:2023, CL.4.3.1,IS 13893:1994/A2:2024 Clause 4.1.3 and 8.3,IS 6664 : 1992/A1:2023, IS 3400 : Part 9 : 2020 (ISO 2781 : 2018) ASTM D3574,CI 4.0 of IS 7888
580.	Footwear-Hawai Chappal	Compression SET	Annex D, Cl. 5.4 IS:10702:2023Amd A1:2024,Clause 4.1.3 and 8.3,IS

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
			6664 : 1992/A1:2023, ASTM D395, Cl 8.0 of IS 7888
581.	Footwear-Hawai Chappal	Split Tear Strength	Annex E, Cl. 5.4 of IS:10702:2023 Amd A1:2024, Clause 4.1.3 and 8.3, IS 6664 : 1992/A1:2023
582.	Footwear-Hawai Chappal	Shrinkage @ 50 °C ± 1 °C for 24 h for polymeric material	Annex F, Cl. 5.4 of IS:10702:2023 Amd A1:2024
583.	Footwear-Hawai Chappal	Shrinkage @ 100 °C ± 1 °C for 1 h for rubber	Annex F, Cl. 5.4 of IS:10702:2023 Amd A1:2024
584.	Footwear-Hawai Chappal	Abrasion Resistance	IS 15298 (Part 1) (Cl. 4.4 of IS:10702 :2023) x IS 3400 (PART 3) Cl. 5.4 IS:10702:2023/ A1:2024, IS 3400 (Part 3), Cl. 5.7, IS 5676 : 1995/A1:2023, Cl. 3.6, IS 6719 : 1972/A1:2023, Clause 4.1.3 and 8.3, IS 6664 : 1992/A1:2023
585.	Footwear-Hawai Chappal	Flexing Resistance	IS 3400 : Part 16 (Cl. 5.4 of IS:10702 :2023)/A1:2024
586.	Footwear-Hawai Chappal	Hydrolysis Resistance	IS 16645/ISO 5423 (Cl. 5.4 of IS:10702 :2023) A1:2024
587.	Footwear-Hawai Chappal-Strap Material	Density of Solid Strap	Annex 'C', Cl. 5.4 of IS:10702:2023
588.	Footwear-Hawai Chappal-Strap Material	Density of Cellular Strap	Annex 'C', Cl. 5.4 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		
589.	Footwear-Hawai Chappal-Strap Material	Breaking Strength	Annex 'G', Cl. 5.4 of IS:10702:2023/A1:2024
590.	Footwear-Hawai Chappal-Strap Material	Extension @ Break	Annex 'G', Cl. 5.4 of IS:10702:2023/A1:2024
591.	Footwear-Hawai Chappal-Strap Material	Cross Section	Cl. 4.4 of IS: 10702: 2023
592.	Footwear-Hawai Chappal-Strap Material	Stud Bolt	Cl. 4.4 of IS: 10702: 2023
593.	Footwear-Hawai Chappal	Toe post attachment strength	Annex 'H', Cl. 5.4 of IS:10702:2023/A1:2024
594.	Footwear-Hawai Chappal	Attachment strength of rear strap	Annex 'H', Cl. 5.4 of IS:10702:2023/A1:2024
595.	Footwear-Hawai Chappal	Inter layer bond strength	IS 15298 : Part 1 (Cl. 5.4 of IS:10702 :2023)A1:2024
596.	PVC sole	Volatility	CL.3.6, IS 6719 : 1972/A1:2023
597.	Footwear-Hawai Chappal	Marking	Cl. 6.1 of IS:10702:2023/A1:2024A1:2024 CL.10.1 of IS:6721 :2023/A1:2024 (Cl. 4.4 of IS:15844 (Part 1) :2023/(Cl. 7.0 of IS:15844 (Part 1) :2023A1:2024 & Cl. 8 of IS:15844 (Part 2) :2023)/A1:2024 Clause 8 of IS 15844 (Part 3): 2024), CL.6, IS 5676 : 1995/A1:2023

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
			IS 13893:1994/A2:2024, IS 6719 : 1972/A1:202
598.	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 9:2023)/ISO 17696 : 2004 (Cl. 8.1 of IS:6721 :2023) CL.9 of IS:6721 :2023/A1:2024
599.	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) CL.9 of IS:6721 :2023/A1:2024
600.	Footwear-Sandal and Slippers	Flexing endurance (Bally flex)	IS 8085 (Part 20)/ISO 17694 : 2016 (Cl. 8.1 of IS:6721 :2023) CL.9 of IS:6721 :2023/A1:2024, IS 5914 : Part 6 : Sec 1 : 2023 (ISO 5402-1 : 2022) ASTM D6182-00 (2015)
601.	Footwear-Sandal and Slippers	Abrasion resistance	IS 8085(Part 6) : 2021/ISO 17704 : 2004 (Cl. 8.2 of IS:6721 :2023)CL.9 of IS:6721 :2023/A1:2024
602.	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) CL.9 of IS:6721 :2023/A1:2024

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
603.	Footwear-Sandal and Slippers	Grain crack index	IS 5914 (Part 7):2023/ISO 3378 : 2002 (Cl. 8.4 of IS:6721 :2023) CL.9 of IS:6721 :2023/A1:2024
604.	Footwear-Sandal and Slippers	Density	IS 5914 (Part 4) /ISO 2420 : 2017 (Cl. 8.4 of IS:6721 :2023) CL.9 of IS:6721 :2023/A1:2024
605.	Footwear-Sandal and Slippers	Abrasion Resistance (Leather sole)	Annex B, Cl. 8.4 of IS:6721 :2023 CL.9 of IS:6721 :2023/A1:2024
606.	Footwear-Sandal and Slippers	Density	IS 3400 (Part 9) : 2020/ISO 2781: 2018; Cl. 8.4 of IS:6721 :2023 CL.9 of IS:6721 :2023/A1:2024
607.	Footwear-Sandal and Slippers	Abrasion resistance	IS 3400 (Part 3) : 2021/ISO 4649: 2017 (Cl. 8.4 of IS:6721 :2023) CL.8.0 of IS:6721 :2023/A1:2024
608.	Footwear-Sandal and Slippers	Flexing resistance	IS 8085 (Part 4) : 2019/ISO 16177 : 2017 (Cl. 8.4 of IS:6721 :2023) CL.8.0 of IS:6721 :2023/A1:2024
609.	Footwear-Sandal and Slippers	Bond strength	IS 15298-1 : (Cl. 8.5 of IS:6721 :2023) Cl. 8.0 of IS:6721 :2023/A1:2024 IS 8085 : Part 3 : 2021 ISO 17708 : 2018 BS EN ISO 17708
610.	Footwear-Sandal and Slippers	Toe post attachment strength	Annex C; Cl. 8.5 of IS:6721 :2023 Cl. 8.0 of IS:6721 :2023/A1:2024

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
611.	Footwear-Sandal and Slippers	Toe ring attachment strength	Annex C; Cl. 8.5 of IS:6721 :2023 Cl. 8.0 of IS:6721 :2023/A1:2024
612.	Footwear-Sandal and Slippers	Strap to outsole strength	IS 8085 (Part 11:2023)/ISO 24263; Cl. 8.5 of IS:6721 :202 Cl. 8.0 of IS:6721 :2023/A1:20243
613.	Footwear-Sandal and Slippers	Attachment strength of back strap and Buckle/D-ring	Annex D; Cl. 8.5 of IS:6721 :2023 Cl. 8.0 of IS:6721 :2023/A1:2024 ISO 24263:2020
614.	Footwear-Sandal and Slippers	Useful extension limit % of elastic attachment	IS 8085 (Part 12)/ISO 10765/Cl. 8.5 of IS:6721 :2023 Cl. 8.0 of IS:6721 :2023/A1:2024
615.	Footwear-Sandal and Slippers	Attachment strength of back strap and Velcro	Annex D; Cl. 8.5 of IS:6721 :2023/CL.8.0 of IS:6721 :2023/A1:2024
616.	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) CL.8.0 of IS:6721 :2023/A1:2024, IS 15298 (Part 1), CL.4.3.1, IS 13893:1994/A2:2024
617.	Footwear-Sandal and Slippers	Heel pull off strength	IS 8085 (Part 10):2023/ ISO 22650 : 2018 (Cl. 8.5 of IS:6721 :2023) CL.8.0 of IS:6721 :2023/A1:2024 BS EN ISO 12785:2000

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
618.	Footwear-Sandal and Slippers	Inter layer bond strength	IS 15298-1 : 2016 (Cl. 8.5 of IS:6721 :2023); CL.8.0 of IS:6721 :2023/A1:2024
619.	Footwear-Sandal and Slippers	Slip Resistance	Annex E of IS 15844 (Part 1) (Cl. 8.5 of IS:6721 :2023) CL.8.0 of IS:6721 :2023/A1:2024
620.	Footwear-Sports Footwear	Adhesion Test	Cl. 4.3.2 & 4.3.3 of IS:6721 :2023
621.	Footwear-Sports Footwear	Insock	(Cl. 3.4 of IS:15844 (Part 1) :2023/A1:2024
622.	Footwear-Sports Footwear	Flexing resistance	IS 5914 (Part 6/Sec1)/ISO 5402-1 (Cl. 4.4 of IS:15844 (Part 1) :2023/(Cl. 6.0 of IS:15844 (Part 1) :2023A1:2024 & Cl. 7.2 of IS:15844 (Part 2) :2023)/A1:2024
623.	Footwear-Sports Footwear	Tear strength (average force)	IS 5914 (Part 5/Sec 2)/ISO 3377-2 (Cl. 4.4 of IS:15844 (Part 1) :2023Cl. 6.0 of IS:15844 (Part 1) :2023/A1:2024 & Cl. 7.2 of IS:15844 (Part 2) :2023)/A1:2024, ASTM D751, DIN 53356 IS 5914 : Part 5 : Sec 1 : 2023 (ISO 3377-1:2011) IS 5914 : Part 5 : Sec 2 : 2023 (ISO 3377-2:2016)

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
624.	Footwear-Sports Footwear	Colour fastness (Rubbing)	IS 6191 : Part 4 : 2024 (ISO 11640 : 2018) (Cl. 4.4 of IS:15844 (Part 1) :2023 /A1:2024& Cl. 7.2 of IS:15844 (Part 2) :2023)/A1:2024
625.	Footwear-Sports Footwear	Water vapour permeability	IS 15298 (Part 1) (Cl. 4.4 of IS:15844 (Part 1) :2023Cl. 6.0 of IS:15844 (Part 1) :2023/A1:2024 & Cl. 7.2 of IS:15844 (Part 2) :2023)/A1:2024
626.	Footwear-Sports Footwear	Water vapour coefficient	IS 15298 (Part 1) (Cl. 4.4 of IS:15844 (Part 1) :2023Cl. 6.0 of IS:15844 (Part 1) :2023/A1:2024 & Cl. 7.2 of IS:15844 (Part 2) :2023)/A1:2024
627.	Footwear-Sports Footwear	Stitch tear strengths	LP 8 of IS 5914 (Cl. 4.4 of IS:15844 (Part 1) :2023Cl. 6.0 of IS:15844 (Part 1) :2023/A1:2024 & Cl. 7.2 of IS:15844 (Part 2) :2023)/A1:2024, IS 16257 : 2014/RA 2019 (ISO 23910 : 2007) Cl 5.2.1 of IS 2573:2023
628.	Footwear-Sports Footwear	Colour fastness (Light)	IS/ISO 105-B02 (Cl. 4.4 of IS:15844 (Part 1) :2023Cl. 6.0 of IS:15844 (Part 1) :2023/A1:2024 & Cl. 7.2 of IS:15844 (Part 2) :2023)/A1:2024
629.	Footwear-Sports Footwear	Breaking strength	(Cl. 4.4 of IS:15844 (Part 1) :2023)Cl. 6.0 of IS:15844 (Part 1) :2023/A1:2024/ Method 1 of IS 7016

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
			(Part 2)/ ISO 1421 : 2016 or ISO 17706 (Cl. 7.2 of IS:15844 (Part 2) :2023)/ Annex K of IS 15844 (Part 1) (Cl. 7.11 of IS:15844 (Part 2) :2023)/A1:2024, IS 8085 : Part 26 : 2024, ASTM D5034/D5035
630.	Footwear-Sports Footwear	Elongation at break	IS 7016 (Part 2) Method 1/ ISO 1421 : 2016 or ISO 17706 (Cl. 4.4 of IS:15844 (Part 1) :2023 Cl. 6.0 of IS:15844 (Part 1) :2023 /A1:2024 & Cl. 7.2 of IS:15844 (Part 2) :2023)/A1:2024/A1:2024/A1:2024
631.	Footwear-Sports Footwear	Tear strength	IS 15298 (Part 1) (Cl. 4.4 of IS:15844 (Part 1) :2023 Cl. 6.0 of IS:15844 (Part 1) :2023/A1:2024 & Cl. 7.2, 7.3 of IS:15844 (Part 2) :2023)/A1:2024
632.	Footwear-Sports Footwear	Flexing resistance	IS 8085(PART 20)/ISO 17694 (Cl. 4.4 of IS:15844 (Part 1) :2023) Cl. 6.0 of IS:15844 (Part 1) :2023/A1:2024, 7.2 of IS:15844 (Part 2) :2023)/A1:2024
633.	Footwear-Sports Footwear	Water vapour permeability	IS 15298 (Part 1) (Cl. 4.4 of IS:15844 (Part 1) :2023) Cl. 6.0 of IS:15844 (Part 1) :2023/A1:2024, 7.2 of IS:15844 (Part 2) :2023)/A1:2024

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
634.	Footwear-Sports Footwear	Water vapour coefficient	IS 15298 (Part 1) (Cl. 4.4 of IS:15844 (Part 1) :2023), Cl. 6.0 of IS:15844 (Part 1) :2023/A1:2024, 7.2 of IS:15844 (Part 2) :2023)/A1:2024
635.	Footwear-Sports Footwear	Hydrolysis resistance	IS 16645/ISO 5423 : 1992, IS 15298 (Part 1)' (Cl. 4.4 of IS:15844 (Part 1) :2023 ,Cl. 6.0 of IS:15844 (Part 1) :2023/A1:2024& Cl. 7.2 of IS:15844 (Part 2) :2023)/A1:2024
636.	Footwear-Sports Footwear	Bursting Strength	IS 1966 (Part 2)/ISO 13938-2 : 2019 (Cl. 4.4 of IS:15844 (Part 1) :2023, Cl. 6.0 of IS:15844 (Part 1) :2023/A1:2024 & Cl. 7.2 of IS:15844 (Part 2) :2023)/A1:2024, ASTM D3786/D3786M-09
637.	Footwear-Sports Footwear	Tear strength	IS 15298 (Part 1) (Cl. 4.5 of IS:15844 (Part 1) :2023, Cl. 6.0 of IS:15844 (Part 1) :2023/A1:2024 & Cl. 7.2, 7.6 of IS:15844 (Part 2) :2023)/A1:2024, DIN 53515, ASTM D624 IS 3400 : Part 12 : 2022 (ISO 34-1:2015),
638.	Footwear-Sports Footwear	Abrasion resistance	IS 15298 (Part 1) (Cl. 4.5 of IS:15844 (Part 1) :2023, Cl. 6.0 of IS:15844 (Part 1) :2023/A1:2024 & Cl. 7.2, 7.3,

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
			7.4 of IS:15844 (Part 2) :2023)/A1:2024
639.	Footwear-Sports Footwear	Colour fastness (crocking)	IS/ISO 105-X12 (Cl. 4.5 of IS:15844 (Part 1) :2023), Cl. 6.0 of IS:15844 (Part 1) :2023/A1:2024/ IS/ISO 105-B02 (Cl. 7.2 of IS:15844 (Part 2) :2023)/A1:2024
640.	Footwear-Sports Footwear	Colour fastness to perspiration	IS 6191 : Part 6 : 2023 (ISO 11641 : 2012) (Cl. 4.5 of IS:15844 (Part 1) :2023 ,Cl. 6.0 of IS:15844 (Part 1) :2023/A1:2024& Cl. 7.2, 7.3 of IS:15844 (Part 2) :2023)/A1:2024
641.	Footwear-Sports Footwear	Water vapour permeability	IS 15298 (Part 1) (Cl. 4.5 of IS:15844 (Part 1) :2023, Cl. 6.0 of IS:15844 (Part 1) :2023/A1:2024 & Cl. 7.2, 7.3 of IS:15844 (Part 2) :2023)/A1:2024
642.	Footwear-Sports Footwear	Water vapour coefficient	IS 15298 (Part 1) (Cl. 4.5 of IS:15844 (Part 1) :2023/A1:2024 & Cl. 7.2, 7.3 of IS:15844 (Part 2) :2023)/A1:2024
643.	Footwear-Sports Footwear	Thickness	IS 15298 (Part 1) (Cl. 4.5 of IS:15844 (Part 1) :2023, Cl. 6.0 of IS:15844 (Part 1) :2023/A1:2024 & Cl. 7.4, 7.5 of IS:15844 (Part 2) :2023)
644.	Footwear-Sports Footwear	Flexing Index	Annex 'F' of IS:15844 (Part 1) :2023 (Cl. 4.5 of IS:15844 (Part 1) :2023, Cl.

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	Leather and Leather Products		
			6.0 of IS:15844 (Part 1) :2023/A1:2024 & Cl. 7.4 of IS:15844 (Part 2) :2023)/A1:2024
645.	Footwear-Sports Footwear	Water Desorption	IS 15298 (Part 1) (Cl. 4.5 of IS:15844 (Part 1) :2023, Cl. 6.0 of IS:15844 (Part 1) :2023/A1:2024 & Cl. 7.4, 7.5 of IS:15844 (Part 2) :2023)/A1:2024
646.	Footwear-Sports Footwear	Water Absorption	IS 15298 (Part 1) (Cl. 4.5 of IS:15844 (Part 1) :2023, Cl. 6.0 of IS:15844 (Part 1) :2023 /A1:2024 & Cl. 7.4, 7.5 of IS:15844 (Part 2) :2023)/A1:2024
647.	Footwear-Sports Footwear	Abrasion Resistance	IS 3400 (Part 3)/ISO 4649 (Cl. 4.8 of IS:15844 (Part 1) :2023), Cl. 6.0 of IS:15844 (Part 1) :2023/A1:2024/ IS 15298 (Part 1) (Cl. 7.4, 7.6 of IS:15844 (Part 2) :2023)/A1:2024
648.	Footwear-Sports Footwear	Flexing resistance (Bata belt)	IS 8085 (Part 4) (Cl. 4.8 of IS:15844 (Part 1) :2023), Cl. 6.0 of IS:15844 (Part 1) :2023/A1:2024/7.6 of IS:15844 (Part 2) :2023)/A1:2024, (ISO 16177 : 2012)
649.	Footwear-Sports Footwear	Flexing resistance	Annex D of IS:15844 (Part 1) :2023//A1:2024 IS 8085 (Part 4)/ISO 16177 : 2012 IS 8085 (Part 4)/ISO

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Accreditation Standard: ISO/IEC 17025:2017

Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
			16177 : 2012 (Cl. 7.6 of IS:15844 (Part 2) :2023)
650.	Footwear-Sports Footwear	Hydrolysis resistance	IS 15298 (Part 1) (Cl. 4.8 of IS:15844 (Part 1) :2023, Cl. 6.0 of IS:15844 (Part 1) :2023/A1:2024 & (Cl. 7.6 of IS:15844 (Part 2) :2023)/A1:2024
651.	Footwear-Sports Footwear	Compression set	Annex G of IS:15844 (Part 1) :2023, Cl. 6.0 of IS:15844 (Part 1) :2023/A1:2024 (Cl. 7.6, 7.7 of IS:15844 (Part 2) :2023)/A1:2024
652.	Footwear-Sports Footwear	Split tear strength	Annex H of IS:15844 (Part 1) :2023, Cl. 6.0 of IS:15844 (Part 1) :2023/A1:2024 (Cl. 7.7 of IS:15844 (Part 2) :2023/A1:2024) ISO 20875:2018
653.	Footwear-Sports Footwear	Heat shrinkage/Heat ageing	Annex J of IS:15844 (Part 1) :2023 , Cl. 6.0 of IS:15844 (Part 1) :2023/A1:2024 & (Cl. 7.5, 7.7 of IS:15844 (Part 2) :2023)/A1:2024, Clause 4.1.3 and 8.3, IS 6664 : 1992/A1:2023, IS 3400 : Part 4 : 2012/RA2017 (ISO 188 : 2011) , IS 5914 : Part 9 : 2024 (ISO 17232 : 2017) ISO 20870:2017

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
			Cl 5.2.1 of IS 2573:2023, LP 10 of IS 5914 BS EN 12749 Cl 9.0, 10.0 of IS 7888
654.	Footwear-Sports Footwear	First dry collapsing load	A-3.2.6 of IS 7554 (Cl. 4.10 of IS:15844 (Part 1) :2023, Cl. 6.0 of IS:15844 (Part 1) :2023/A1:2024 & (Cl. 7.8 of IS:15844 (Part 2) :2023)/A1:2024
655.	Footwear-Sports Footwear	Resilience, percent	A-3.4 of IS 7554 (Cl. 4.10 of IS:15844 (Part 1) :2023, Cl. 6.0 of IS:15844 (Part 1) :2023/A1:2024 & (Cl. 7.8 of IS:15844 (Part 2) :2023)/A1:2024
656.	Footwear-Sports Footwear	Moisture resistance	A-3.5 of IS 7554 (Cl. 4.10 of IS:15844 (Part 1) :2023, Cl. 6.0 of IS:15844 (Part 1) :2023 /A1:2024 & (Cl. 7.8 of IS:15844 (Part 2) :2023)
657.	Footwear-Sports Footwear	Initial dry area shape retention	A-3.1 of IS 7554 (Cl. 4.10 of IS:15844 (Part 1) :2023, Cl. 6.0 of IS:15844 (Part 1) :2023 & (Cl. 7.8 of IS:15844 (Part 2) :2023)/A1:2024, SATRA TM186
658.	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. 6.0 of IS:15844 (Part 1) :2023/A1:2024 & (Cl. 7.8 of

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
			IS:15844 (Part 2) :2023)/A1:2024,SATRA TM186
659.	Footwear-Sports Footwear	Peel strength	IS 8085 (Part 18)/ISO 22777 (Cl. 4.11 of IS:15844 (Part 1) :2023),Cl. 6.0 of IS:15844 (Part 1) :2023/A1:2024/ Annex C of IS 15844 (Part 1) (Cl. 7.8, 7.9 of IS:15844 (Part 2) :2023)
660.	Footwear-Sports Footwear	Shear strength	ISO 22776 (Cl. 4.11 of IS:15844 (Part 1) :2023,Cl. 6.0 of IS:15844 (Part 1) :2023/A1:2024/IS 8085 (Part 19)/ISO 22776 (Cl. 7.9 of IS:15844 (Part 2) :2023)/A1:2024
661.	Footwear-Sports Footwear	Limit of useful extension %	IS 8085 (Part 12)/ISO 10765 (Cl. 4.12 of IS:15844 (Part 1) :2023,Cl. 6.0 of IS:15844 (Part 1) :2023/A1:2024 & (Cl. 7.10 of IS:15844 (Part 2) :2023)/A1:2024
662.	Footwear-Sports Footwear	Breaking strength of lace	Annex 'K' (Cl. 4.13 of IS:15844 (Part 1) :2023),Cl. 6.0 of IS:15844 (Part 1) :2023/A1:2024,(Cl. 7.11 of IS:15844 (Part 2) :2023)/A1:2024
663.	Footwear-Sports Footwear	Lace tag strength	Annex 'L' (Cl. 4.13 of IS:15844 (Part 1) :2023),Cl. 6.0 of IS:15844 (Part 1) :2023/A1:2024 (Cl. 7.11 of IS:15844 (Part 2) :2023)/A1:2024

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
664.	Footwear-Sports Footwear	Lace to lace abrasion	IS 8085 (Part 17)/ISO 22774 (Cl. 4.13 of IS:15844 (Part 1) :2023), Cl. 6.0 of IS:15844 (Part 1) :2023 (Cl. 7.11 of IS:15844 (Part 2) :2023)
665.	Footwear-Sports Footwear	Colour fastness to water	IS 6191(Part 2)/2017/RA-2023/ISO 11642 or IS/ISO105-E01' (Cl. 4.13 of IS:15844 (Part 1) :2023), Cl. 6.0 of IS:15844 (Part 1) :2023 /A1:2024(Cl. 7.11 of IS:15844 (Part 2) :2023)/A1:2024, BS EN 13634:2017
666.	Footwear-Sports Footwear	Strength of Buckle/Ski hook	Annex 'M' (Cl. 4.13 of IS:15844 (Part 1) :2023), Cl. 6.0 of IS:15844 (Part 1) :2023 /A1:2024(Cl. 7.11 of IS:15844 (Part 2) :2023)/A1:2024
667.	Footwear-Sports Footwear	Corrosion resistance (Metal parts)	IS 17098 (Cl. 4.13 of IS:15844 (Part 1) :2023), Cl. 6.0 of IS:15844 (Part 1) :2023/A1:2024 (Cl. 7.11 of IS:15844 (Part 2) :2023)/A1:2024
668.	Footwear-Sports Footwear	Tensile strength	IS 5914 (Part 8):2023/ISO 3376 (Cl. 7.2 of IS:15844 (Part 2) :2023)/A1:2024/ IS 3400 (Part 1)/ISO 37 : 2017 (Cl. 7.6 of IS:15844 (Part 2) :2023)/A1:2024, IS 3400 (Part 1), CL.5.7, IS 5676 : 1995/A1:2023,

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
			CL.4.3.1, IS 13893:1994/A2:2024, IS 3400 : Part 1 : 2021 (ISO 37 : 2017) ,ASTM D412, DIN 53504
669.	Footwear-Sports Footwear	Elongation @ break	IS 5914 (Part 8)/ISO 3376 (Cl. 7.2 of IS:15844 (Part 2) :2023)/A1:2024/ 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)/A1:2024
670.	Footwear-Sports Footwear	Water Penetration	IS 15298 (Part 2) (Cl. 7.2 of IS:15844 (Part 2) :2023)/A1:2024
671.	Footwear-Sports Footwear	Water Absorption	IS 15298 (Part 2) (Cl. 7.2 of IS:15844 (Part 2) :2023)/A1:2024
672.	Footwear-Sports Footwear	Abrasion Test	IS 15298 (Part 1) (Cl. 7.2 of IS:15844 (Part 2) :2023)/A1:2024
673.	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)/A1:2024 ISO 20874:2018
674.	Footwear-Sports Footwear	Needle strength	Method 'A' of IS 8085 (Part 13)/ISO 17697 (Cl. 7.9 of IS:15844 (Part 2) :2023)/A1:2024
675.	Footwear-Shoes	Design- Size	Clause 4.3.1 of IS 17043 (P1):2024

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
676.	Footwear-Shoes	Design- Weight	Clause 4.3.2 of IS 17043 (P1):2024
677.	Footwear-Shoes	Design- Height of upper	Clause 4.4 of IS 17043 (P1):2024
678.	Footwear-Shoes	Whole footwear- Ergonomic feature	Clause 4.4 of IS 17043 (P1):2024
679.	Footwear-Shoes	Whole footwear- Bond strength	Clause 4.5.3 of IS 17043 (P1):2024
680.	Footwear-Shoes	Whole footwear- Upper - outsole bond strength	Clause 4.5.3.1 of IS 17043 (P1):2024
681.	Footwear-Shoes	Whole footwear- Interlayer bond strength	Clause 4.5.3.2 of IS 17043 (P1):2024
682.	Footwear-Shoes	Whole footwear- Slip resistance	Clause 4.5.4 of IS 17043 (P1):2024
683.	Footwear-Shoes	Whole footwear- Electrical properties	Clause 4.5.5 of IS 17043 (P1):2024
684.	Footwear-Shoes	Whole footwear- Antistatic footwear	Clause 4.5.5.1 of IS 17043 (P1):2024
685.	Footwear-Shoes	Whole footwear- Heat insulation of sole complex	Clause 4.5.6 of IS 17043 (P1):2024
686.	Footwear-Shoes	Whole footwear- Cold insulation of sole complex	Clause 4.5.7 of IS 17043 (P1):2024
687.	Footwear-Shoes	Whole footwear- Energy absorption of seat region	Clause 4.5.8 of IS 17043 (P1):2024
688.	Footwear-Shoes	Upper- Material	Clause 4.6.1 of IS 17043 (P1):2024

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
689.	Footwear-Shoes	Upper- Thickness	Clause 4.6.1 of IS 17043 (P1):2024, ASTM D1777
690.	Footwear-Shoes	Upper- Tear strength	Clause 4.6.2 of IS 17043 (P1):2024
691.	Footwear-Shoes	Upper- Water vapour permeability and coefficient	Clause 4.6.3 of IS 17043 (P1):2024
692.	Footwear-Shoes	Upper- Water penetration and water absorption	Clause 4.6.4 of IS 17043 (P1):2024
693.	Footwear-Shoes	Lining material- Material	Clause 4.7.1 of IS 17043 (P1):2024
694.	Footwear-Shoes	Lining material- Thickness	Clause 4.7.1 of IS 17043 (P1):2024
695.	Footwear-Shoes	Lining material- Tear strength	Clause 4.7.2 of IS 17043 (P1):2024
696.	Footwear-Shoes	Lining material- Abrasion resistance	Clause 4.7.3 of IS 17043 (P1):2024
697.	Footwear-Shoes	Lining material- Water vapour permeability and coefficient	Clause 4.7.4 of IS 17043 (P1):2024
698.	Footwear-Shoes	Insole- Material	Clause 4.8.1 of IS 17043 (P1):2024
699.	Footwear-Shoes	Insole- Thickness	Clause 4.8.1 of IS 17043 (P1):2024
700.	Footwear-Shoes	Insole- Abrasion resistance	Clause 4.8.2 of IS 17043 (P1):2024 ISO 20868
701.	Footwear-Shoes	Insole- Water absorption and desorption	Clause 4.8.3 of IS 17043 (P1):2024 ISO 22649

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
702.	Footwear-Shoes	Insocks- Material	Clause 4.9.1 of IS 17043 (P1):2024
703.	Footwear-Shoes	Insocks- Thickness	Clause 4.9 of IS 17043 (P1):2024
704.	Footwear-Shoes	Insocks- Water absorption and desorption	Clause 4.9.2 of IS 17043 (P1):2024
705.	Footwear-Shoes	Insocks- Abrasion resistance	Clause 4.9.3 of IS 17043 (P1):2024 IS 8085 : Part 6 : 2021
706.	Footwear-Shoes	Toe puff and counter stiffener- Material and thickness	Clause 4.10 of IS 17043 (P1):2024
707.	Footwear-Shoes	Tongue- Material	Clause 4.11.1 of IS 17043 (P1):2024
708.	Footwear-Shoes	Tongue- Thickness	Clause 4.11.1 of IS 17043 (P1):2024
709.	Footwear-Shoes	Tongue- Tear strength	Clause 4.11.2 of IS 17043 (P1):2024
710.	Footwear-Shoes	Closing thread- Breaking load	Clause 4.12 of IS 17043 (P1):2024
711.	Footwear-Shoes	Outsole- Material	Clause 4.13.1 of IS 17043 (P1):2024
712.	Footwear-Shoes	Outsole- Thickness	Clause 4.13.2 of IS 17043 (P1):2024
713.	Footwear-Shoes	Outsole- Moulded density	Clause 4.13.3 of IS 17043 (P1):2024
714.	Footwear-Shoes	Outsole- Hardness	Clause 4.13.4 of IS 17043 (P1):2024, IS 12240 (Part 2), CL.5.7, IS 5676 : 1995/A1:2023 CL.3.6, IS 6719 : 1972/A1:2023

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
			Clause 4.1.3 and 8.3, IS 6664 : 1992/A1:2023, IS 3400 : Part 2 : Sec 4 : 2022 (ISO 48-4 : 2018 IS 3400 : Part 2 : Sec 3 : 2022 (ISO 48-3 : 2018) IS 3400 : Part 2 : Sec 9 : 2022 (ISO 48-9 : 2018)
715.	Footwear	Outsole- Hardness	IS 3400 : Part 2 : 2014 (ISO 48 : 2010) IS 3400 : Part 2 : Sec 2 : 2023 (ISO 48-2 : 2018)
716.	Footwear-Shoes	Outsole- Ageing test	Clause 4.13.5 of IS 17043 (P1):2024
717.	Footwear-Shoes	Outsole- Tear strength	Clause 4.13.6 of IS 17043 (P1):2024 ISO 20872:2018, ASTM D624
718.	Footwear-Shoes	Outsole- Abrasion resistance	Clause 4.13.7 of IS 17043 (P1):2024
719.	Footwear-Shoes	Outsole- Flexing resistance	Clause 4.13.8 of IS 17043 (P1):2024
720.	Footwear-Shoes	Eyelet (Material, dimension, shape)	Clause 4.14 of IS 17043 (P1):2024 IS 5041:1978-A1 AND A2 /RA2023
721.	Footwear-Shoes	Eyelet- Colour peeling test	Clause 4.14 of IS 17043 (P1):2024
722.	Footwear-Shoes	Eyelet- Eyelet pull out test	Clause 4.14 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		
723.	Footwear-Shoes	Laces- Material	Clause 4.15.1 of IS 17043 (P1):2024
724.	Footwear-Shoes	Laces-Breaking load and tag retention	Clause 4.15.2 of IS 17043 (P1):2024
725.	Footwear-Shoes	Shape and Design	Clause 5.1 of IS 17043 (P2):2024
726.	Footwear-Shoes	Construction	Clause 5.2 of IS 17043 (P2):2024
727.	Footwear-Shoes	Material	Clause 5.3 of IS 17043 (P2):2024
728.	Footwear-Shoes	Bond strength- Upper to outsole	IS 15844 (Part 1) Annex C (Clause 5.4 of IS 17043 (P2):2024)
729.	Footwear-Shoes	Inter layer bond strength- Midsole to outsole	IS 15844 (Part 1) Annex C (Clause 5.4 of IS 17043 (P2):2024)
730.	Footwear-Shoes	Whole shoe flexing, flexes	IS 8085 (Part 16) Method A (Clause 5.4 of IS 17043 (P2):2024)
731.	Footwear-Shoes	Water proofness on complete shoe	Clause 5.4 of IS 17043 (P2):2024
732.	Footwear-Shoes	Slip resistance	IS 15844 (Part 1) Annex E (Clause 5.4 of IS 17043 (P1):2024)
733.	Footwear-Shoes	Attachment strength of strap and buckle/D-ring	IS 6721 Annex D (Clause 5.4 of IS 17043 (P1):2024)
734.	Footwear-Shoes	Attachment strength of strap and velcro	IS 6721 Annex D (Clause 5.4 of IS 17043 (P2):2024)
735.	Footwear-Shoes	Strength of eyelet attachment	Annex C, Clause 5.4 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		
736.	Footwear-Shoes	Heel pull off strength	IS 8085 (Part 10) (Clause 5.4 of IS 17043 (P2):2024)
737.	Footwear-Shoes	Top piece attachment strength	ISO 19958 (Clause 5.4 of IS 17043 (P2):2024), ISO 24264:2020 IS 8085 : Part 28 : 2024
738.	Footwear-Shoes	Seam strength	IS 8085 (Part 13) Method B (Clause 5.4 of IS 17043 (P2):2024), BS 5131 Section 5.13 :1980
739.	Footwear-Shoes	Whole shoe topline strength	Annex D, Clause 5.4 of IS 17043 (P2):2024
740.	Footwear-Shoes	Abrasion resistance	Clause 5.4 of IS 17043 (P2):2024
741.	Footwear-Shoes	Hydrolysis resistance	IS 15298 (Part 1) (Table 1 of IS 17011 (Clause 5.4 of IS 17043 (P2):2024))
742.	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))
743.	Footwear-Shoes	Upper Material Leather-Flexing resistance (vamp flexing)	IS 5914 (Part 6/Sec1) (Clause 6.1.1 of IS 17043 (P2):2024)), IS 5914 : Part 6 : Sec 2 : 2023 (ISO 5402-2 : 2015) IS 16255 : 2014/RA 2019 (ISO 22288 : 2006) ,SATRA TM 25
744.	Footwear-Shoes	Upper Material Leather-Colour fastness to rubbing	ISO 11640: 2012 (Clause 6.1.1 of IS 17043 (P2):2024)) ISO 17700:2019

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
745.	Footwear-Shoes	Upper Material Leather-Colour fastness to water	ISO 11642 (Clause 6.1.1 of IS 17043 (P2):2024))
746.	Footwear-Shoes	Upper Material Leather-Water vapour permeability	IS 15298 (Part 1) (Clause 6.1.1 of IS 17043 (P2):2024))
747.	Footwear-Shoes	Upper Material Leather-Water vapour coefficient	IS 15298 (Part 1) (Clause 6.1.1 of IS 17043 (P2):2024))
748.	Footwear-Shoes	Upper Material Leather-Stitch tear strength	IS 5914 - LP 8 (Clause 6.1.1 of IS 17043 (P2):2024))
749.	Footwear-Shoes	Upper Material Leather-Abrasion resistance	IS 15298 (Part 1) (Clause 6.1.1 of IS 17043 (P2):2024))
750.	Footwear-Shoes	Upper Material Leather-Colour fastness to light	IS/ISO 105 B02 (Clause 6.1.2 of IS 17043 (P2):2024))
751.	Footwear-Shoes	Upper Material Leather-Water resistance = water penetration Water absorption	IS 15298 (Part 1) (Clause 6.1.2 of IS 17043 (P2):2024))
752.	Footwear-Shoes	Upper Material Leather-Flexing resistance	IS 5914 (Part 6/Sec1) (Clause 6.1.2 of IS 17043 (P2):2024))
753.	Footwear-Shoes	Upper Material (Non Leather)-Breaking strength	ISO 17706 (Clause 6.1.3 of IS 17043 (P2):2024))
754.	Footwear-Shoes	Upper Material (Non Leather)-Elongation at break	ISO 17706 (Clause 6.1.3 of IS 17043 (P2):2024))
755.	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))

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
756.	Footwear-Shoes	Upper Material (Non Leather)-Strength at needle perforation	IS 8085 (Part13) Method A (Clause 6.1.3 of IS 17043 (P2):2024))
757.	Footwear-Shoes	Upper Material (Non Leather)-Flexing resistance	IS 8085 (Part 20) (Clause 6.1.3 of IS 17043 (P2):2024))
758.	Footwear-Shoes	Upper Material (Non Leather)-Water vapour permeability	IS 15298 (Part 1) (Clause 6.1.3 of IS 17043 (P2):2024))
759.	Footwear-Shoes	Upper Material (Non Leather)-Water vapour coefficient	(Clause 6.1.3 of IS 17043 (P2):2024))
760.	Footwear-Shoes	Upper Material (Non Leather)-Hydrolysis resistance	IS 5914 (Part 6/ Sec 1) (Clause 6.1.3 of IS 17043 (P2):2024))
761.	Footwear-Shoes	Upper Material (Non Leather)-Abrasion resistance	IS 15298 (Part 1) (Clause 6.1.3 of IS 17043 (P2):2024))
762.	Footwear-Shoes	Upper Material (Non Leather)-Colour fastness to light	IS/ISO 105 B02 (Clause 6.1.3 of IS 17043 (P2):2024))
763.	Footwear-Shoes	Upper Material (Non Leather)-Flexing resistance	IS 8085 (Part 20) (Clause 6.1.3 of IS 17043 (P2):2024))
764.	Footwear-Shoes	Lining-Tear strength	IS 7016 (Part 3/Sec 1) Method B (Clause 6.2 of IS 17043 (P2):2024))
765.	Footwear-Shoes	Lining-Abrasion resistance	IS 15298 (Part 1) (Clause 6.2 of IS 17043 (P2):2024))
766.	Footwear-Shoes	Lining-Colour fastness rubbing	IS/ISO 105 X12 (Clause 6.2 of IS 17043 (P2):2024),AATCC8/116, ASTM D5053
767.	Footwear-Shoes	Lining-Colour fastness to perspiration	IS 6191 (Part 6) (Clause 6.2 of IS 17043 (P2):2024))

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
768.	Footwear-Shoes	Lining-Water vapour permeability	IS 15298 (Part 1) (Clause 6.2 of IS 17043 (P2):2024))
769.	Footwear-Shoes	Insole-Flexing index	IS 15844 (Part 1) Annex F (Clause 6.3 of IS 17043 (P2):2024))
770.	Footwear-Shoes	Insole-Abrasion resistance at 400 cycles	IS 15298 (Part 1) (Clause 6.3 of IS 17043 (P2):2024))
771.	Footwear-Shoes	Insole-Water absorption	IS 15298 (Part 1) (Clause 6.3 of IS 17043 (P2):2024))
772.	Footwear-Shoes	Insole-Water desorption	IS 15298 (Part 1) (Clause 6.3 of IS 17043 (P2):2024))
773.	Footwear-Shoes	In-Sock-Thickness	ISO 2589 (Clause 6.4 of IS 17043 (P2):2024))
774.	Footwear-Shoes	In-Sock-Abrasion resistance	IS 15298 (Part 1) (Clause 6.4 of IS 17043 (P2):2024))
775.	Footwear-Shoes	In-Sock-Water absorption	IS 15298 (Part 1) (Clause 6.4 of IS 17043 (P2):2024))
776.	Footwear-Shoes	In-Sock-Water desorption	IS 15298 (Part 1) (Clause 6.3 of IS 17043 (P2):2024))
777.	Footwear-Shoes	Outsole-Flexing resistance (belt method)	IS 8085 (Part 4) (Clause 6.5.1 of IS 17043 (P2):2024))
778.	Footwear-Shoes	Outsole- Hydrolysis resistance	IS 15298 (Part 1) (Clause 6.5.1 of IS 17043 (P2):2024))
779.	Footwear-Shoes	Outsole-Compression set	IS 15844 (Part 1)Annex G (Clause 6.5.1 of IS 17043 (P2):2024))

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
780.	Footwear-Shoes	Leather Outsole-Grain crack index	ISO 3378 (Clause 6.5.2.1 of IS 17043 (P2):2024)), IS 14970 : 2001/RA2017
781.	Footwear-Shoes	Leather Outsole-Density	IS 5914 (Part 4) (Clause 6.5.2.1 of IS 17043 (P2):2024)), ASTM D792, DIN 53479
782.	Footwear-Shoes	Leather Outsole-Abrasion resistance	IS 6721 Annex B (Clause 6.5.2.1 of IS 17043 (P2):2024))
783.	Footwear-Shoes	Leather Outsole-Water resistance	ISO 5404 (Clause 6.5.2.2 of IS 17043 (P2):2024))
784.	Footwear-Shoes	Rubber or Polymeric Top-Lifts-Hardness	IS 5676 (Clause 6.5.2.2 of IS 17043 (P2):2024))
785.	Footwear-Shoes	Rubber or Polymeric Top-Lifts-Density	IS 10702 Annex C (Clause 6.5.2.2 of IS 17043 (P2):2024))
786.	Footwear-Shoes	Rubber or Polymeric Top-Lifts-Abrasion resistance	IS 3400 (Part 3) (Clause 6.5.2.2 of IS 17043 (P2):2024))
787.	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))
788.	Footwear-Shoes	Midsole- Heat shrinkage dimensional stability	IS 15844 (Part 1) Annex J (Clause 6.6 of IS 17043 (P2):2024)) ISO 20873:2018
789.	Footwear-Shoes	Midsole- Split tear strength	IS 15844 (Part 1) Annex H (Clause 6.6 of IS 17043 (P2):2024))
790.	Footwear-Shoes	Compression set	IS 15844 (Part 1) Annex G (Clause 6.6 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		
			IS 3400 : Part 10 : Sec 1 : 2022 (ISO 815-1 : 2019) IS 3400 : Part 10 : Sec 2 : 2022 (ISO 815-2 : 2019) IS 3400 : Part 10 : Sec 1 : 2022 (ISO 815-1 : 2019)
791.	Footwear-Shoes	Toe and Counter Stiffener-Hardness	IS 7554 Annex A-3.2 (Clause 6.7 of IS 17043 (P2):2024))
792.	Footwear-Shoes	Toe and Counter Stiffener-Resilience	IS 7554 Annex A-3.4 (Clause 6.7 of IS 17043 (P2):2024))
793.	Footwear-Shoes	Toe and Counter Stiffener-Moisture resistance	IS 7554 Annex A-3.5 (Clause 6.7 of IS 17043 (P2):2024))
794.	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))
795.	Footwear-Shoes	Toe and Counter Stiffener-Adhesion strength	IS 15844 (Part 1)(Clause 6.7 of IS 17043 (P2):2024))
796.	Footwear-Shoes	Velcro Fastener-Peel strength	IS 8085 (Part 18)(Clause 6.8 of IS 17043 (P2):2024)) ASTM D5170
797.	Footwear-Shoes	Velcro Fastener-Shear strength	IS 8085 (Part 19) (Clause 6.8 of IS 17043 (P2):2024) ASTM D5169
798.	Footwear-Shoes	Velcro Fastener-Initial	IS 8085 (Part 19) (Clause 6.8 of IS 17043 (P2):2024))
799.	Footwear-Shoes	Elastic Tape-Limit of useful extension	IS 8085 (Part 12) (Clause 6.9 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		
800.	Footwear-Shoes	Elastic Tape-Needle strength	IS 8085 (Part 13) Method A (Clause 6.9 of IS 17043 (P2):2024))
801.	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)) BS 5131 Sec.3.7: 1991
802.	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))
803.	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)) IS 8085 : Part 11 : 2023
804.	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))
805.	Footwear-Shoes	Fasteners (Lace/ Buckle/Eyelet/ D-Ring/Ski-Hook/Metal Trims)- Corrosion resistance	IS 17098 (Clause 6.10 of IS 17043 (P2):2024))
806.	Footwear-Shoes	Zipper-Fatigue resistance	ISO 10751 (Clause 6.11 of IS 17043 (P2):2024))
807.	Footwear-Shoes	Zipper-Security of puller attachment strength	IS 8085: Part 21: 2024 (ISO 10734: 2016) (Clause 6.11 of IS 17043(P2):20

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
808.	Footwear-Shoes	Zipper-Lateral load	IS 8085: Part 24 :2024 (ISO10764 :2016(Clause 6.11 of IS 17043 (P2):2024)
809.	Footwear-Shoes	Zipper End attachment strength	IS 8085: Part 22: 2024 (ISO 10750 :2015) Clause 6.11 of IS 17043(P2):2024)
810.	Footwear-Shoes	Marking	Clause 8.1 of IS 17043 (P2):2024)
811.	Footwear-Shoes	Packing	Clause 8.2 of IS 17043 (P2):2024)
812.	Footwear-Jungle Boots	Design	Clause 5.1 of IS 17861: 2022/ A1:2024
813.	Footwear-Jungle Boots	Size and Fitting	Clause 5.2 of IS 17861: 2022/ A1:2024
814.	Footwear-Jungle Boots	Height of Upper	Clause 5.3 of IS 17861: 2022/ A1:2024
815.	Footwear-Jungle Boots	Weight	Clause 5.4 of IS 17861: 2022/ A1:2024
816.	Footwear-Jungle Boots	Construction	Clause 5.5.1.1 of IS 17861: 2022/ A1:2024
817.	Footwear-Jungle Boots	Upper – Outsole Bond Strength	Clause 5.5.2 of IS 17861: 2022/ A1:2024
818.	Footwear-Jungle Boots	Consolidation Test	Clause 5.5.3 of IS 17861 : 2022/ A1:2024
819.	Footwear-Jungle Boots	Ergonomic Features	Clause 5.5.4 of IS 17861 : 2022/ A1:2024

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
820.	Footwear-Jungle Boots	Slip Resistance	Clause 5.5.5 of IS 17861 : 2022/ A1:2024
821.	Footwear-Jungle Boots	Energy Absorption of Seat Region	Clause 5.5.6 of IS 17861 : 2022/ A1:2024
822.	Footwear-Jungle Boots	Water Resistance	Clause 5.5.7 of IS 17861 : 2022/ A1:2024
823.	Footwear-Jungle Boots	Penetration Resistance	Clause 5.6.1 of IS 17861 : 2022/ A1:2024
824.	Footwear-Jungle Boots	Electrical Resistance	Clause 5.6.2 of IS 17861 : 2022/ A1:2024
825.	Footwear-Jungle Boots	Heat Insulation of Sole Complex	Clause 5.6.3 of IS 17861 : 2022/ A1:2024
826.	Footwear-Jungle Boots	Cold Insulation of Sole Complex	Clause 5.6.4 of IS 17861 : 2022/ A1:2024
827.	Footwear-Jungle Boots	Upper- Material	Clause 5.7.1 of IS 17861 : 2022/ A1:2024
828.	Footwear-Jungle Boots	Upper- Tear Strength	Clause 5.7.2 of IS 17861 : 2022/ A1:2024
829.	Footwear-Jungle Boots	Upper- Water Vapour Permeability and Coefficient	Clause 5.7.3 of IS 17861 : 2022/ A1:2024
830.	Footwear-Jungle Boots	Upper- Colour Fastness	Clause 5.7.4 of IS 17861 : 2022/ A1:2024
831.	Footwear-Jungle Boots	Water Repellency (Spray test)	IS 390, Clause 5.7.5 of IS 17861 : 2022/A1:2024, AATCC 22,/ ISO 4920, AATCC 42, AATCC 22

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
832.	Footwear-Jungle Boots	Water Resistance (Hydrostatic pressure)	IS 7016 (Part 7)/ISO 1420, Clause 5.7.5 of IS 17861 : 2022/A1:2024, ISO 811, AATCC 127
833.	Footwear-Jungle Boots	Lining- Material	Clause 5.8.1 of IS 17861 : 2022/ A1:2024
834.	Footwear-Jungle Boots	Lining- Tear Strength	Clause 5.8.2 of IS 17861 : 2022/ A1:2024
835.	Footwear-Jungle Boots	Lining- Abrasion Resistance	Clause 5.8.3 of IS 17861 : 2022/ A1:2024
836.	Footwear-Jungle Boots	Lining- Water Vapour Permeability and Coefficient	Clause 5.8.4 of IS 17861 : 2022/ A1:2024
837.	Footwear-Jungle Boots	Outer Toe Cap- Tear Strength	Clause 5.9.1 of IS 17861 : 2022/ A1:2024
838.	Footwear-Jungle Boots	Abrasion Resistance Test	IS 6994 (Part 6), Clause 5.9.2 of IS 17861 : 2022/A1:2024
839.	Footwear-Jungle Boots	Binding Tape (Breaking strength)	Clause 5.10 of IS 17861 : 2022/ A1:2024
840.	Footwear-Jungle Boots	Closing Thread (Breaking strength)	Clause 5.11 of IS 17861 : 2022/ A1:2024
841.	Footwear-Jungle Boots	Insole-Material and Thickness	Clause 5.12.1 of IS 17861 : 2022/ A1:2024
842.	Footwear-Jungle Boots	Insole-Abrasion Resistance	Clause 5.12.2 of IS 17861 : 2022/ A1:2024
843.	Footwear-Jungle Boots	Insole-Water Absorption and Desorption	Clause 5.12.3 of IS 17861 : 2022/ A1:2024

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
844.	Footwear-Jungle Boots	Insocks- Material and Thickness	Clause 5.13.1 of IS 17861 : 2022/ A1:2024
845.	Footwear-Jungle Boots	Insocks- Abrasion Resistance	Clause 5.13.2 of IS 17861 : 2022/ A1:2024
846.	Footwear-Jungle Boots	Bond Strength of Textile Layer.	Clause 5.13.3 of IS 17861 : 2022/A1:2024, ISO 20866:2018 IS 8085 : Part 29 : 2024
847.	Footwear-Jungle Boots	Tongue (Visual)	Clause 5.14 of IS 17861 : 2022/ A1:2024
848.	Footwear-Jungle Boots	Toe Puff and Counter Stiffener	Clause 5.15 of IS 17861 : 2022/ A1:2024
849.	Footwear-Jungle Boots	Sole-Material	Clause 5.16.1 of IS 17861 : 2022/ A1:2024
850.	Footwear-Jungle Boots	Sole- Thickness	Clause 5.16.2 of IS 17861 : 2022/ A1:2024
851.	Footwear-Jungle Boots	Sole- Sole Density	Clause 5.16.3 of IS 17861 : 2022/ A1:2024
852.	Footwear-Jungle Boots	Sole- Hardness	Clause 5.16.4 of IS 17861 : 2022/ A1:2024
853.	Footwear-Jungle Boots	Sole- Ageing	Clause 5.16.5 of IS 17861 : 2022/ A1:2024
854.	Footwear-Jungle Boots	Sole- Tear Strength	Clause 5.16.6 of IS 17861 : 2022/ A1:2024
855.	Footwear-Jungle Boots	Sole- Abrasion Resistance	Clause 5.16.7 of IS 17861 : 2022/ A1:2024

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
856.	Footwear-Jungle Boots	Sole- Flexing Resistance	Clause 5.16.8 of IS 17861 : 2022/ A1:2024
857.	Footwear-Jungle Boots	Sole- Hydrolysis	Clause 5.16.9 of IS 17861 : 2022/ A1:2024
858.	Footwear-Jungle Boots	Sole- Interlayer Bond Strength	Clause 5.16.10 of IS 17861 : 2022/ A1:2024
859.	Footwear-Jungle Boots	Eyelets attachment strength	Clause 5.17 of IS 17861 : 2022/ A1:2024
860.	Footwear-Jungle Boots	Laces-Material (Visual)	Clause 5.18.1 of IS 17861 : 2022/ A1:2024
861.	Footwear-Jungle Boots	Laces- Colour Fastness	Clause 5.18.2 of IS 17861 : 2022/ A1:2024
862.	Footwear-Jungle Boots	Laces- Breaking Load and Tag Retention	Clause 5.18.3 of IS 17861 : 2022/ A1:2024
863.	Footwear-Jungle Boots	Laces- Abrasion Resistance	Clause 5.18.4 of IS 17861 : 2022/ A1:2024
864.	Footwear-Jungle Boots	Laces- Lace to lace	Clause 5.18.4.1 of IS 17861 : 2022/ A1:2024
865.	Footwear-Jungle Boots	Laces- Lace to eyelet	Clause 5.18.4.2 of IS 17861 : 2022/ A1:2024
866.	Footwear-Jungle Boots	Marking	Clause 7 of IS 17043 (P2):2024)
867.	Footwear-Shoes	Design, Construction Insole,	Clause 5 of IS 15844 (Part 3): 2024 (Cl. 5 of IS:15844 (Part 2) :2023)/ A1:2024 ,(Cl. 4.2 of IS:15844 (Part 1)

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

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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		
			IS:15844 (Part 1) :2023)A1:2024 ISO 24266:2020 ,ISO 19955 IS 8085 : Part 16 : 2023
873.	Footwear-Shoes	Washability	Clause 7.1.4 of IS 15844 (Part 3): 2024 ,IS 8085 (Part 15)/ISO 19954,(Cl. 7.1.7 of IS:15844 (Part 2) :2023)/A1:2024 ,(Cl. 4.3.8 of IS:15844 (Part 1) :2023)/Cl 5 of IS:15844 (Part 1) :2023)A1:2024
874.	Footwear-Shoes	Slip Resistance	Annex E of IS 15844 (Part 1),Clause 7.1.5 of IS 15844 (Part 3): 2024 (Cl. 7.1.8 of IS:15844 (Part 2) :2023)/A1:2024 ,(Cl. 4.3.9 of IS:15844 (Part 1) :2023)/Cl 5 of IS:15844 (Part 1) :2023)A1:2024
875.	Footwear-Shoes	Heel Drop	Clause 7.1.6 of IS 15844 (Part 3): 2024,(Cl. 7.1.9 of IS:15844 (Part 2) :2023)/A1:2024/ A1:2024
876.	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)
877.	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)

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
878.	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)
879.	Footwear-Shoes	Upper Material (Leather)- Water vapour permeability	IS 15298 (Part 1) (Clause 7.2 of IS 15844 (Part 3): 2024)
880.	Footwear-Shoes	Upper Material (Leather)- Water vapour coefficient, absorption	IS 15298 (Part 1) (Clause 7.2 of IS 15844 (Part 3): 2024), IS 5914 : Part 1 : 2018 (ISO 17229 : 2002),ISO 17229 : 2016 ISO 17699,IS 8085 : Part 13 : 2023
881.	Footwear-Shoes	Upper Material (Leather)- Stitch tear strength	LP 8 of IS 5914 (Clause 7.2 of IS 15844 (Part 3): 2024) ISO 20876:2018
882.	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)
883.	Footwear-Shoes	Upper Material (Leather)- Tensile strength	IS 5914 (Part 8)/ISO 3376 (Clause 7.2 of IS 15844 (Part 3): 2024)
884.	Footwear-Shoes	Upper Material (Leather)- Elongation at break	IS 5914 (Part 8)/ISO 3376 (Clause 7.2 of IS 15844 (Part 3): 2024)
885.	Footwear-Shoes	Upper Material (Leather)- Abrasion test	IS 15298 (Part 1) (Clause 7.2 of IS 15844 (Part 3): 2024)
886.	Footwear-Shoes	Upper Material (Coated Fabric/Textile or Combinations)- Breaking strength	Method 1 of IS 7016 (Part 2)/ ISO 1421 (Clause 7.2 of IS 15844 (Part 3): 2024), ASTM D751

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
887.	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)
888.	Footwear-Shoes	Upper Material (Coated Fabric/Textile or Combinations)- Tear strength	IS 15298 (Part 1) (Clause 7.2 of IS 15844 (Part 3): 2024)
889.	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)
890.	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)
891.	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)
892.	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)
893.	Footwear-Shoes	Upper Material (Coated Fabric/Textile or Combinations)- Hydrolysis resistance	IS 15298 (Part 1) (Clause 7.2 of IS 15844 (Part 3): 2024)
894.	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)

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
895.	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)
896.	Footwear-Shoes	Lining Material-Tear strength	IS 15298 (Part 1) (Clause 7.3 of IS 15844 (Part 3): 2024)
897.	Footwear-Shoes	Lining Material-Abrasion resistance	IS 15298 (Part 1) (Clause 7.3 of IS 15844 (Part 3): 2024)
898.	Footwear-Shoes	Lining Material-Colour fastness to rubbing	IS/ISO 105-X12 (Clause 7.3 of IS 15844 (Part 3): 2024)
899.	Footwear-Shoes	Lining Material-Colour fastness to perspiration	IS 6191 (Part 6)/ISO 11641 (Clause 7.3 of IS 15844 (Part 3): 2024), AATCC 15
900.	Footwear-Shoes	Lining Material-Water vapour permeability	IS 15298 (Part 1) (Clause 7.3 of IS 15844 (Part 3): 2024)
901.	Footwear-Shoes	Lining Material-Water vapour coefficient	IS 15298 (Part 1) (Clause 7.3 of IS 15844 (Part 3): 2024)
902.	Footwear-Shoes	Insole-Flexing index	Annex F of IS 15844 (Part 1) (Clause 7.4 of IS 15844 (Part 3): 2024)
903.	Footwear-Shoes	Insole-Abrasion resistance	IS 15298 (Part 1) (Clause 7.4 of IS 15844 (Part 3): 2024)
904.	Footwear-Shoes	Insole-Water absorption	IS 15298 (Part 1) (Clause 7.4 of IS 15844 (Part 3): 2024)
905.	Footwear-Shoes	Insole-Water desorption	IS 15298 (Part 1) (Clause 7.4 of IS 15844 (Part 3): 2024)

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
906.	Footwear-Shoes	In-Sock (Sockliner) -Abrasion resistance	IS 15298 (Part 1) (Clause 7.5 of IS 15844 (Part 3): 2024)
907.	Footwear-Shoes	In-Sock (Sockliner) -Water absorption	IS 15298 (Part 1) (Clause 7.5 of IS 15844 (Part 3): 2024)
908.	Footwear-Shoes	In-Sock (Sockliner) -Water desorption	IS 15298 (Part 1) (Clause 7.5 of IS 15844 (Part 3): 2024)
909.	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)
910.	Footwear-Shoes	Outsole-Abrasion resistance	IS 3400 (Part 3)/ ISO 4649 (Clause 7.6 of IS 15844 (Part 3): 2024)
911.	Footwear-Shoes	Outsole-Flexing resistance	ISO 17707 (Clause 7.6 of IS 15844 (Part 3): 2024), Annex D of IS 15844 (Part 1), CL.5.7, IS 5676 : 1995/A1 :2023, CL.3.6, IS 6719 : 1972/A1 :2023, IS 8085 : Part 27 : 2024
912.	Footwear-Shoes	Outsole-Hydrolysis resistance	IS 15298 (Part 1) (Clause 7.6 of IS 15844 (Part 3): 2024)
913.	Footwear-Shoes	Outsole-Tear strength	IS 15298 (Part 1) (Clause 7.6 of IS 15844 (Part 3): 2024)
914.	Footwear-Shoes	Outsole-Tensile strength	IS 3400 (Part 1)/ ISO 37 (Clause 7.6 of IS 15844 (Part 3): 2024) ISO 22654, ASTM D412/D2209/ D2211/D3574, Cl 5.0 of IS 7888
915.	Footwear-Shoes	Outsole-Elongation at break percent	IS 3400 (Part 1)/ISO 37 (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		
916.	Footwear-Shoes	Outsole-Compression set percent	Annex of IS 15844 (Part 1) (Clause 7.6 of IS 15844 (Part 3): 2024)
917.	Footwear-Shoes	Midsole-Compression set	Annex G of IS 15844 (Part 1) (Clause 7.7 of IS 15844 (Part 3): 2024)
918.	Footwear-Shoes	Midsole-Split tear strength	Annex H of IS 15844 (Part 1) (Clause 7.7 of IS 15844 (Part 3): 2024)
919.	Footwear-Shoes	Midsole-Heat shrinkage	Annex J of IS 15844 (Part 1) (Clause 7.7 of IS 15844 (Part 3): 2024)
920.	Footwear-Shoes	Midsole-Elongation at break	IS 3400 (Part 1)/ISO 37 (Clause 7.7 of IS 15844 (Part 3): 2024)
921.	Footwear-Shoes	Counter Stiffener-First dry collapsing load, hardness	A-3.2.6 (Clause 7.8 of IS 15844 (Part 3): 2024)
922.	Footwear-Shoes	Counter Stiffener-Resilience	A-3.4 (Clause 7.8 of IS 15844 (Part 3): 2024)
923.	Footwear-Shoes	Counter Stiffener-Moisture resistance	A-3.5 (Clause 7.8 of IS 15844 (Part 3): 2024)
924.	Footwear-Shoes	Counter Stiffener-Initial dry area shape retention	A-3.1 (Clause 7.8 of IS 15844 (Part 3): 2024)
925.	Footwear-Shoes	Counter Stiffener-Area shape retention after 10th collapse	A-3.3 (Clause 7.8 of IS 15844 (Part 3): 2024)
926.	Footwear-Shoes	Counter Stiffener-Peel strength	Annex C of IS 15844 (Part 1) (Clause 7.8 of IS 15844 (Part 3): 2024)
927.	Footwear-Shoes	Velcro Fastener-Peel strength	IS 8085 (Part 18)/ISO 22777 (Clause 7.9 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		
928.	Footwear-Shoes	Velcro Fastener-Shear strength	IS 8085 (Part 19)/ISO 22776 (Clause 7.9 of IS 15844 (Part 3): 2024)
929.	Footwear-Shoes	Elastic Tape-Limit of useful extension	IS 8085 (Part 12)/ISO 10765 (Clause 7.10 of IS 15844 (Part 3): 2024)
930.	Footwear-Shoes	Elastic Tape-Needle strength	Method 'A' of IS 8085 (Part 13)/ISO 17697 (Clause 7.10 of IS 15844 (Part 3): 2024)
931.	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)
932.	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)
933.	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)
934.	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)
935.	Footwear-Shoes	Fasteners (Lace/Buckle/Eyelet/D-Ring/Ski-	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		
		Hook/Metal Trims)- Strength of buckle/ski hook/D-ring,	
936.	Footwear-Shoes	Fasteners (Lace/Buckle/Eyelet/D-Ring/Ski-Hook/Metal Trims)- Corrosion resistance	IS 17098 : 2019 (ISO 22775 : 2004) (Both Method 1 and Method 2) (Clause 7.11 of IS 15844 (Part 3): 2024)
937.	Footwear-Shoes	Spike/ Studs-Corrosion resistance	IS 17098 (Both Method 1 and Method 2) (Clause 7.11 of IS 15844 (Part 3): 2024)
938.	Leather & Footwear	Seam strength	Cl. 5.3.7 of BS EN ISO 20345/ Amd 1:2024/ DIN EN ISO 20345:2024 Cl. 5.3.7 of BS EN ISO 20346/ Amd 1:2024/ DIN EN ISO 20346:2024 Cl. 5.25 of BS EN ISO 20344/ Amd 1:2024/ DIN EN ISO 20344:2024 Cl.5.3.6 of BS EN ISO 20347/ Amd 1:2024/DIN EN ISO 20347:2024 Cl 5.25 of ISO 20344: 2021- Amd 1:2024/IS 15298 : Part 1 : 2024 Cl. 5.3.7 of ISO 20345:2021/Amd 1:2024,IS 15298 : Part 2 : 2024 Cl. 5.3.6 of ISO 20347: 2021- Amd 1:2024/ IS 15298: Part 4: 2024 Cl. 5.3.7 of ISO 20346: 2021- Amd 1:2024/ IS 15298: Part 3: 2024

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
939.	Whole footwear	Heat insulation of sole complex	Cl. 5.16 of BS EN ISO 20344:2021/ Amd 1:2024/ DIN EN ISO 20344:2024, Cl. 6.2.3.2 of IS 15298-3:2019, Cl. 6.2.3.1 of BS EN ISO 20345:2022 / Amd 1:2024/ DIN EN ISO 20345:2024, Cl. 6.2.3.1 of BS EN ISO 20346:2022/ Amd 1:2024/ DIN EN ISO 20344:2024 Cl. 6.2.3.1 of BS EN ISO 20347:2022/ Amd 1:2024/ DIN EN ISO 20347:2024, Cl. 5.15 of ISO 20344:2021- Amd 1:2024/ IS 15298 : Part 1 : 2024, Cl. 6.2.3.1 of ISO 20345:2021- Amd 1:2024/ IS 15298 : Part 2 : 2024, Cl. 6.2.3.1 of ISO 20346:2021- Amd 1:2024/ IS 15298: Part 3: 2024 ,Cl. 6.2.3.1 of ISO 20347:2021- Amd 1:2024/ IS 15298: Part 4: 2024
940.	Whole Footwear	Scuff cap abrasion	Cl. 5.24 of ISO 20344:2021- Amd 1:2024/ IS 15298 : Part 1 : 2024 Cl. 5.24 of BS EN ISO 20344:2021/ Amd 1:2024/ DIN EN ISO 20344:2024, Cl. 6.2.9 of ISO 20345:2021- Amd 1:2024/ IS 15298 :

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
			Part 2 : 2024, Cl. 6.2.9 of BS EN ISO 20345:2022/ Amd 1:2024// DIN EN ISO 20345:2024 Cl. 6.2.9 of ISO 20346:2021- Amd 1:2024/ IS 15298: Part 3: 2024 Cl. 6.2.9 of BS EN ISO 20346:2022/ Amd 1:2024/ DIN EN ISO 20344:2024, Cl. 6.2.8 of ISO 20347:2021- Amd 1:2024/ IS 15298: Part 4: 2024, Cl. 6.2.8 of BS EN ISO 20347: 2022/ Amd 1:2024 DIN EN ISO 20347:2024
941.	"Leather & Footwear - Upper/Lining/ Collar/Tongue material"	Resistance to fuel oil	Cl. 6.4.2 of BS EN ISO 20345:2022/ Amd 1:2024/ / DIN EN ISO 20345:2024 Cl. 6.4.2 BS EN ISO 20346:2022/ Amd 1:2024 / DIN EN ISO 20344:2024, Cl. 6.4.2 BS EN ISO 20347:2022/ Amd 1:2024/ DIN EN ISO 20347:2024 Cl. 8.8 of BS EN ISO 20344:2021/ Amd 1:2024 / DIN EN ISO 20344:2024, IS 15298 : Part 1 : 2024 Cl. 6.4.2 of ISO 20345:2021- Amd 1:2024/ IS 15298: Part 2: 2024

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
			Cl. 6.4.2 of ISO 20346:2021- Amd 1:2024/ IS 15298: Part 3: 2024 Cl. 6.4.2 of ISO 20347:2021- Amd 1:2024/ IS 15298: Part 4: 2024 Cl. 6.4.2 of IS 15298-3:2019/ Cl. 8.6 of ISO 20344:2021- Amd 1:2024/IS 15298 : Part 1 : 2024,SATRA TM 63 IS 3400 : Part 6 : 2018 (ISO 1817 : 2015)
942.	Leather & Footwear	Marking/Packing	Cl. 5 of IS 3735 (A1: 1999 + A2: 2001 + A3: 2003 + A4: 2004+A5:2024) :1996, ISO 20344:2021- Amd 1:2024, IS 15298 : Part 1 : 2024 Cl 5 of IS 5852 : Part 1 : 2019/ RA2024,Cl 6 of IS 5852 : Part 2 : 2019, ISO 22568-2 : 2019, BS EN ISO 22568-2:2019, ISO 22568-1:2019,BS EN ISO 22568-1:2019,., CL. 6 of IS 17275 : Part 2 : 2019, ISO 22568-4 : 2021, BS EN ISO 22568-4:2021 IS 17275 : Part 1 : 2019 (ISO 22568-3 : 2019),BS EN ISO 22568-3 : 2019

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
943.	Leather & Footwear	Breaking Load and Tag Retention	Cl. 4.1.5 of IS 3735 (A1: 1999 + A2: 2001 + A3: 2003 + A4: 2004+A5: 2024): 1996.
944.	Leather & Footwear	Finish	Cl.4.5 of IS 3735 (A1: 1999 + A2: 2001 +A3: 2003 + A4: 2004+A5: 2024): 1996,
945.	Leather & footwear	Hydrolysis	IS 15298-3:2019,ISO 20347:2021- Amd 1:2024/ IS 15298: Part 4: 2024 ISO 20346:2021- Amd 1:2024/ IS 15298: Part 3: 2024 ISO 20345:2021- Amd 1:2024/ IS 15298 : Part 2 : 2024 IS 15298 : Part 1 : 2024
946.	Leather & Footwear - Design	Height of upper	Cl. 5.2.2 of BS EN ISO 20345:2022/ Amd 1:2024/ / DIN EN ISO 20345:2024 BS EN ISO 20346:2022/ Amd 1:2024 / DIN EN ISO 20344:2024 BS EN ISO 20347:2022/ Amd 1:2024/ DIN EN ISO 20347:2024 Cl.6.2 of BS EN ISO 20344: 2021/ Amd 1:2024/ DIN EN ISO 20344:2024 Cl.6.2 of ISO20344:2021- Amd 1:2024/IS 15298 : Part 1 : 2024

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EMC Testing and Compliance LLP

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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		
			SASO ISO-20344:2011/IS15298-1:2015, Cl.5.2.2 of ISO20345:2021- Amd 1:2024/ IS 15298: Part 2: 2024 Cl.5.2.2 of SASO ISO 20345:2011/ Cl.5.2.2 of ISO 20346:2021- Amd 1:2024/ IS 15298: Part 3: Cl.5.2.2 of 2024 ISO20347:2021- Amd 1:2024/ IS 15298: Part 4: 2024/ Cl.5.2.2 of IS 15298-3:2019/BS EN 13634: 2017
947.	Leather & Footwear - Design	Seat region (Design A,B, C, D, E). Heel area	Cl. 5.2.3 of BS EN ISO 20345:2022/ Amd 1:2024// DIN EN ISO 20345:2024 Cl. 5.2.3 of BS EN ISO 20346:2022/ Amd 1:2024 / DIN EN ISO 20344:2024 Cl. 5.2.3 of BS EN ISO 20347:2022/ Amd 1:2024 / DIN EN ISO 20347:2024 Cl. 5.2.3 of ISO 20345:2021- Amd 1:2024/ IS 15298: Part 2: 2024 Cl. 5.2.3 of SASO ISO 20345:2011/ Cl. 5.2.3 of ISO 20346:2021- Amd 1:2024/ IS 15298: Part 3: 2024

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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		
			Cl. 5.2.3 of ISO 20347:2021- Amd 1:2024/ IS 15298: Part 4: 2024 / Cl. 5.2.3 of IS 15298-3:2019/
948.	Leather & Footwear - Design	Weight/ Mass	Cl. 4.6 of IS3735 (A1:1999+A2:2001+A3+A4+A5:2024: 1996/ IS 3736 (A1:1999+A2:2001+A3: 2003): 1995,
949.	Leather & Footwear - Upper/Lining/ Collar/Tongue material	Hardness IRHD	Cl. 4.1.6 of IS 3735 (A1: 1999 +A2: 2001 + A3: 2003 +A4: 2004+A5:2024): 1996
950.	Leather & Footwear - Upper/Lining/ Collar/Tongue material	Abrasion resistance	Cl. 5.8.3 of IS 15298-3:2019/ Cl. 5.8.4 of ISO 20347:2021- Amd 1:2024/ IS 15298: Part 4: 2024 Cl. 5.8.4 of ISO 20346:2021- Amd 1:2024/ IS 15298: Part 3: 2024 Cl. 5.8.4 of ISO 20345: 2021- Amd 1:2024/ IS 15298: Part 2: 2024 Cl. 5.8.4 of BS EN ISO 20345:2022/ Amd 1:2024// DIN EN ISO 20345:2024 Cl. 5.8.4 BS EN ISO 20346:2022/ Amd 1:2024 / DIN EN ISO 20344:2024 Cl. 5.8.4 BS EN ISO 20347:202/ Amd

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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		
			1:20242/ DIN EN ISO 20347:2024 Cl. 8.4 of BS EN ISO 20344: 2021/ Amd 1:2024/ DIN EN ISO 20344:2024 Cl. 8.3 of ISO 20344:2021- Amd 1:2024/ IS 15298 : Part 1 : 2024 ISO 4649:2024, ISO 20871:2018,BS EN 13634: 2017,ASTM D5963
951.	Leather & Footwear - Upper/Lining/ Collar/Tongue material	Abrasion resistance of insole	Cl.5.7.4.1 of BS EN ISO 20345:2022/ Amd 1:2024// DIN EN ISO 20345:2024 Cl.5.7.4.1 BS EN ISO 20346:2022/ Amd 1:2024/ DIN EN ISO 20344:2024 Cl.5.7.4.1 BS EN ISO 20347:2022/ Amd 1:2024/ DIN EN ISO 20347:2024 Cl.7.3 of BS EN ISO 20344: 2021/ Amd 1:2024/ DIN EN ISO 20344:2024 Cl. 7.3 of ISO 20344:2021- Amd 1:2024/IS 15298 : Part 1 : 2024 Cl. 5.7.4.1 of ISO 20345:2021- Amd 1:2024/ IS Cl.5.7.4.1 15298: Part 2:

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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		
			2024,SASO ISO 20345:2011 ISO 20346:2021- Amd 1:2024/ IS 15298: Part 3: 2024 ISO 20347:2021- Amd 1:2024/ IS 15298: Part 4: 2024 CI 5.7.4.1 of IS 15298-3:2019/ BS EN 13634: 2017
952.	Leather & Footwear - Upper/Lining/ Collar/Tongue material	Breaking strength	Cl. 4.1.1, table 1, 4.1.2, table 2 of IS 3735 (A1:1999+A2:2001+A3: + A4: 2004+A5:2024):1996,
953.	Leather & Footwear - Upper/Lining/ Collar/Tongue material	Color Fastness to perspiration	IS3735 (A1:1999 +A2:2001+A3:2003 + A4:2004+A5:2024):1996,
954.	Leather & footwear - Upper/Lining/ Collar/Tongue material	Colour fastness to light	IS3735 (A1:1999 +A2:2001+A3:2003 + A4:2004+A5:2024):1996,
955.	Leather & Footwear - Upper/Lining/ Collar/Tongue material	Compression set	Cl. 4.1.6 of IS 3735(A1: 1999 + A2: 2001+ A3: 2003 + A4: 2004+A5:2024):1996,
956.	Leather & Footwear - Upper/Lining/ Collar/Tongue material	Density, mass/area	IS3735 (A1:1999 +A2:2001+A3:2003 + A4:2004+A5:2024):1996, IS 5914 : Part 4 : 2023 (ISO 2420 : 2017), ISO 9073-1,ASTM D3776

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

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
			Cl. 5.8.5 of ISO 20347:2021- Amd 1:2024/ IS 15298: Part 4: 2024 Cl. 5.8.4 of IS 15298-3:2019/ Cl. 5.8.5 of BS EN ISO 20345:2022/ Amd 1:2024// DIN EN ISO 20345:2024 Cl. 5.8.5 of BS EN ISO 20346:2022/ Amd 1:2024 / DIN EN ISO 20344:2024 Cl. 5.8.5 of BS EN ISO 20347:2022/ Amd 1:2024/ DIN EN ISO 20347:2024 Cl. 8.5, 8.6 of BS EN ISO 20344: 2021/ Amd 1:2024/ DIN EN ISO 20344:2024 Cl. 5.8.5 of ISO 20344:2021- Amd 1:2024/ IS 15298 : Part 1 : 2024
959.	Leather & Footwear - Upper/ Collar/Tongue material	upper -General	Cl. 5.4.1 of BS EN ISO 20345:2022/ Amd 1:2024/ DIN EN ISO 20345:2024 Cl. 5.4.1 of BS EN ISO 20346:2022 / Amd 1:2024/ DIN EN ISO 20344:2024 Cl. 5.4.1 of BS EN ISO 20347:2022/ Amd 1:2024/ DIN EN ISO

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
			20347:2024 Cl. 5.4.1 of ISO 20345:2021- Amd 1:2024/ IS 15298: Part 2: 2024 Cl. 5.4.1 ISO 20346:2021- Amd 1:2024/ IS 15298: Part 3: 2024 Cl. 5.4.1 ISO 20347:2021- Amd 1:2024/ IS 15298: Part 4: 2024 Cl. 5.4.1 of IS 15298-2 (A1 & A2:2019) :2016 IS 15298-3:2019/
960.	Leather & Footwear – Soling materials	Hydrolysis of outsole/Ross flex	Cl. 5.8.6 of BS EN ISO 20345:2022/ Amd 1:2024// DIN EN ISO 20345:2024 Cl. 5.8.6 of BS EN ISO 20346:2022 / Amd 1:2024/ DIN EN ISO 20344:2024 Cl. 5.8.6 of BS EN ISO 20347:2022/ Amd 1:2024/ DIN EN ISO 20347:2024 Cl. 8.7 of BS EN ISO 20344: 2021/ Amd 1:2024/ DIN EN ISO 20344:2024 Cl. 8.7 of ISO 20344:2021- Amd 1:2024/ IS 15298 : Part 1 : 2024 Cl. 5.8.6 of ISO 20345:2021- Amd

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
			1:2024/ IS 15298: Part 2: 2024 Cl. 5.8.6 of ISO 20346:2021- Amd 1:2024/ IS 15298: Part 3: 2024 Cl. 5.8.6 of ISO 20347:2021- Amd 1:2024/ IS 15298: Part 4: 2024 Cl. 5.8.5 of IS 15298-2 (A1 & A2:2019): 2016/ Cl. 5.8.5 of IS 15298-3:2019/ Cl. 4.1.6 of IS3735 (A1: 1999 + A2:2001 + A3: 2003 + A4:2004+A5:2024):1996, Cl.5.9 of IS 12254:1993 +A1 : 2023, IS 3400 (Part 16),CL.5.7, IS 5676 : 1995/A1:2023 Clause 4.1.3 and 8.3,IS 6664 : 1992/A1:2023 BS 5131sec 2.1,ASTM D1052
961.	Leather & Footwear	Interlayer bond strength	Cl. 5.8.7 of BS EN ISO 20345:2022/ Amd 1:2024/ DIN EN ISO 20345:2024 Cl. 5.8.7 of BS EN ISO 20346:2022/ Amd 1:2024 / DIN EN ISO 20344:2024 Cl. 5.8.7 of BS EN ISO 20347:2022/ Amd 1:2024/ DIN EN ISO

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
			20347:2024 Cl. 5.8.7 of ISO 20345: 2021- Amd 1:2024/ Cl. 5.8.7 of ISO 20346: 2021- Amd 1:2024/ IS 15298: Part 3: 2024 Cl. 5.8.7 of ISO 20347: 2021- Amd 1:2024/ IS 15298: Part 4: 2024 Cl. 5.8.6 Of IS 15298-3:2019/
962.	Leather & Footwear	Martindale Abrasion resistance	Cl. 5.5.3, 5.7.4.2 of BS EN ISO 20345:2022/ Amd 1:2024/ DIN EN ISO 20345:2024 Cl. 5.5.3, 5.7.4.2 of BS EN ISO 20346:2022/ Amd 1:2024 / DIN EN ISO 20344:2024 Cl. 5.5.3, 5.7.4.2 of BS EN ISO 20347:2022/ Amd 1:2024/ DIN EN ISO 20347:2024 Cl.6.12 of BS EN ISO20344: 2021/ Amd 1:2024/ Cl. 6.12 of ISO 20344:2021- Amd 1:2024/IS 15298 : Part 1 : 2024 Cl. 5.5.3, 5.7.4.2 of ISO 20345:2021- Amd 1:2024/ IS 15298: Part 2: 2024 Cl. 5.5.3, 5.7.4.2 of ISO20346:2021- Amd 1:2024/ IS 15298: Part 3: 2024

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
			Cl. 5.5.3, 5.7.4.2 of ISO 20347:2021- Amd 1:2024/ IS 15298: Part 4: 2024 Cl. 5.5.2, 5.7.4.2 of IS 15298-3:2019/ Cl 5.2.1 of IS 2573:2023, IS 5914 (Part 2/Sec 1) : 2017, IS 5914 (Part 2/Sec 2) : 2017 BS EN 13520, BS EN 13634: 2017 ASTM D4966, IS 12673 (PT-2)
963.	Leather & Footwear – CANVAS SHOES	Materials	Cl. 4.1.4, 4.1.5 of IS 3735 (A1:1999 + A2: 2001 + A3:2003 + A4: 2004+A5:2024):1996,
964.	Leather & Footwear – Soling materials	Resistance to hot contact	Cl. 6.4.1 of BS EN ISO 20345:2022+A1:2024/ DIN EN ISO 20345:2024 Cl. 6.4.1 of BS EN ISO 20346:2022+A1:2024 / DIN EN ISO 20346:2024 Cl. 6.4.1 of BS EN ISO 20347:2022+A1:2024/ DIN EN ISO 20347:2024 Cl. 8.9 of BS EN ISO 20344:2021+A1:2024/ DIN EN ISO 20344:2024 Cl. 8.7 of ISO 20344:2021- Amd 1:2024/ IS 15298 : Part 1 : 2024

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
			Cl.6.4.1 of ISO 20345:2021- Amd 1:2024/ IS 15298: Part 2: 2024 Cl.6.4.1 of ISO 20346:2021- Amd 1:2024/ IS 15298: Part 3: 2024 Cl.6.4.1 of ISO 20347:2021- Amd 1:2024/ IS 15298: Part 4: 2024 Cl.6.4.1 of IS 15298-3:2019/
965.	Leather & Footwear	Shape and Design /Channel	Cl. 4.1.6.1, 4.2 of IS 3735 (A1: 1999 +A2: 2001 + A3: 2003 +A4: 2004+A5:2024): 1996,
966.	Leather & Footwear - Upper/Lining/ Collar/Tongue material	Tear strength	Cl. 5.4.3, 5.5.2, 5.6.2 of ISO 20345:2021- Amd 1:2024/ IS 15298: Part 2: 2024 Cl. 5.4.3, 5.5.1, 5.6.1 of SASO ISO20345:2011/ Cl. 5.4.3, 5.5.2, 5.6.2 of ISO 20346:2021- Amd 1:2024/ IS 15298: Part 3: 2024 Cl. 5.4.3, 5.5.2, 5.6.2 of ISO 20347:2021- Amd 1:2024/ IS 15298: Part 4: 2024 IS 15298-3: 2019/ Cl. 6.3 of ISO 20344:2021- Amd 1:2024 /IS 15298 : Part 1 : 2024 BS EN ISO 20344:2021+A1:2024/

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

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
			1:2024/ IS 15298: Part 2: 2024 Cl.5.8.3 of ISO 20346:2021- Amd 1:2024/ IS 15298: Part 3: 2024 Cl.5.8.3 of ISO 20347:2021- Amd 1:2024/ IS 15298: Part 4: 2024 Cl.5.8.2 of IS 15298-3:2019/ Cl. 8. 3 of ISO 20344:2021- Amd 1:2024/IS 15298 : Part 1 : 2024 Cl. 8. 3 of BS EN ISO 20344:2021+A1:2024; DIN EN ISO 20344:2024 Cl.8.2 of SASO ISO20344:2011/ Cl.8.2 of IS 15298-1:2015; Cl. 5.8.3 of ISO 20345:2021- Amd 1:2024/ IS 15298: Part 2: 2024 Cl. 5.8.3 of BS EN ISO 20345:2022+A1:2024/ DIN EN ISO 20345:2024 Cl. 5.8.3 of ISO 20346:2021- Amd 1:2024/ IS 15298: Part 3: 2024 Cl. 5.8.3 of BS EN ISO 20346:2022+A1:2024/ DIN EN ISO 20344:2024 Method A of IS 3400 (Part 12),

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

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Accreditation Standard: ISO/IEC 17025:2017

Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
			Cl.5.4.4 of ISO 20347:2021- Amd 1:2024/ IS 15298: Part 4: 2024 Cl.5.4.4 of BS EN ISO 20347:2022+A1:2024/ DIN EN ISO 20347:2024 IS 15298-3:2019/ Cl. 4.1.6, 4.1.6.2 of IS 3735 (A1:1999 + A2: 2001 + A3:2003 + A4: 2004+A5:2024):1996, ASTM D3574
969.	Leather & Footwear - Upper/Lining/ Collar/Tongue material	Thickness	Cl. 5.4.2 of BS EN ISO 20345:2022+A1:2024/ DIN EN ISO 20345:2024 Cl. 5.4.2 of BS EN ISO 20346:2022 +A1:2024/ DIN EN ISO 20344:2024 Cl. 5.4.2 of BS EN ISO 20347:2022+A1:2024/ DIN EN ISO 20347:2024 Cl. 6.1 of BS EN ISO 20344: 2021+A1:2024/ DIN EN ISO 20344:2024 Cl. 6.1 of ISO 20344:2021- Amd 1:2024/IS 15298 : Part 1 : 2024 Cl. 5.4.2 of ISO 20345:2021- Amd 1:2024/ IS 15298: Part 2: 2024 Cl. 5.4.2 of ISO 20346:2021- Amd

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
			1:2024/ IS 15298: Part 3: 2024 Cl. 5.4.2 of ISO 20347:2021- Amd 1:2024/ IS 15298: Part 4: 2024 Cl. 5.4.2 of IS 15298-3:2019/ ASTM D1813/D1814
970.	Leather & Footwear - Upper/Lining/ Collar/Tongue material	Thickness	Cl. 5.7.1 of BS EN ISO 20345:2022/ DIN EN ISO 20345:2024 Cl. 5.7.1 of BS EN ISO 20346:2022 / DIN EN ISO 20344:2024 Cl. 5.7.1 of BS EN ISO 20347:2022/ DIN EN ISO 20347:2024 Cl.7.1 of BS EN ISO 20344: 2021/ DIN EN ISO 20344:2024 Cl. 7.1 of ISO 20344:2021- Amd 1:2024/ IS 15298 : Part 1 : 2024 Cl.5.7.1 of ISO 20345:2021- Amd 1:2024/ IS 15298: Part 2: 2024 Cl.5.7.1 of ISO 20346:2021- Amd 1:2024/ IS 15298-PART 3:2024 Cl.5.7.1 of ISO 20347:2021- Amd 1:2024/ IS 15298: Part 4: 2024 Cl.5.7.1 of IS 15298-3:2019/ BS EN 13634: 2017

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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		
971.	Leather & Footwear – Soling materials	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+A1:2024/ DIN EN ISO 20345:2024 Cl. 5.8.2.1, 5.8.2.2, 5.8.2.3, 6.4.3 of BS EN ISO 20346:2022+A1:2024 / DIN EN ISO 20344:2024 Cl. 5.8.2.1, 5.8.2.2, 5.8.2.3, 6.4.3 of BS EN ISO 20347:2022+A1:2024/ DIN EN ISO 20347:2024 Cl. 8.2 of BS EN ISO 20344: 2021+A1:2024/ DIN EN ISO 20344:2024 Cl. 8.2 of ISO 20344:2021- Amd 1:2024/IS 15298 : Part 1 : 2024 Cl. 5.8.1,5.8.1.1, 5.8.1.2, 5.8.1.3 of ISO 20345:2021- Amd 1:2024/ Cl. 5.8.1,5.8.1.1, 5.8.1.2, 5.8.1.3 of IS 15298: Part 2: 2024 Cl. 5.8.1,5.8.1.1, 5.8.1.2, 5.8.1.3 of ISO 20346:2021- Amd 1:2024/ IS 15298: Part 3: 2024 Cl. 5.8.1,5.8.1.1, 5.8.1.2, 5.8.1.3 of ISO 20346:2021- Amd 1:2024/ Cl. 5.8.1,5.8.1.1, 5.8.1.2, 5.8.1.3 of ISO 20347:2021- Amd 1:2024/

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
			IS 15298: Part 4: 2024 Cl. 5.8.1, 5.8.1.1, 5.8.1.2, 5.8.1.3 of IS 15298-3:2019/
972.	Leather & Footwear Insole and in-sock	Water absorption/ desorption	Cl.5.7.3, 5.7.2 of BS EN ISO 20345:2022+A1:2024/ DIN EN ISO 20345:2024 Cl.5.7.3, 5.7.2 of BS EN ISO 20346:2022+A1:2024/ DIN EN ISO 20344:2024 Cl.5.7.3, 5.7.2 of ISO 20346:2021- Amd 1:2024/ IS 15298: Part 3: 2024 Cl.5.7.3, 5.7.2 of BS EN ISO 20347:2022+A1:2024/ DIN EN ISO 20347:2024 Cl.5.7.3, 5.7.2 of ISO 20347:2021- Amd 1:2024/ IS 15298: Part 4: 2024 Cl.7.2 of BS EN ISO 20344: 2021+A1:2024/ DIN EN ISO 20344:2024 Cl.7.2 of ISO 20344:2021- Amd 1:2024/ IS 15298 : Part 1 : 2024 Cl.7.2 of IS 15298-3:2019, BS EN 13634: 2017
973.	Leather & Footwear Insole and in-sock	Water penetration and water absorption	Cl. 6.3 of BS EN ISO 20345:2022+A1:2024/ DIN EN ISO

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

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
			IS 15298: Part 3: 2024 BS EN ISO 20347:2022+A1:2024/ DIN EN ISO 20347:2024 ISO 20347:2021- Amd 1:2024/IS 15298-PART 3:2024 Cl. 6.6,6.7, 6.8 of BS EN ISO20344: 2021+A1:2024/ ISO 20344:2021- Amd 1:2024 IS 15298 : Part 1 : 2024 IS 15298-3:2019
975.	Leather & Footwear - Upper/Lining/ Collar/Tongue material	Width	Cl. 4.1.2 of IS 3735 (A1: 1999 +A2: 2001 + A3: 2003 +A4: 2004+A5:2024): 1996, ASTM D3774
976.	Leather & Footwear - Upper/Lining/ Collar/Tongue material	Ageing test / Heat resistance (dry and wet)	Cl. 4.1.6,4.1.6.2 of IS 3735 (A1:1999 + A2: 2001 + A3:2003 + A4: 2004+A5:2024):1996, ASTM D3574,ASTM D573
977.	Whole footwear	Dimensional conformity/ Construction of inserts	Cl. 6.2.1.2, 6.2.1.3 of BS EN ISO 20345:2022+A1:2024/ DIN EN ISO 20345:2024 Cl. 6.2.1.2, 6.2.1.3 BS EN ISO 20346:2022 +A1:2024/ DIN EN ISO 20344:2024 Cl. 6.2.1.2, 6.2.1.3 BS EN ISO 20347:2022+A1:2024/ DIN EN ISO 20347:2024

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

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

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
			Cl. 5.12 of BS EN ISO 20344:2021+A1:2024/ DIN EN ISO 20344:2024 Cl. 5.9 of ISO 20344:2021- Amd 1:2024/ IS 15298 : Part 1 : 2024 Cl. 6.2.1.4 of IS 15298-3:2019/ Cl. 6.2.1.4.1 of ISO 20347:2021- Amd 1:2024/ IS 15298: Part 4: 2024 Cl. 6.2.1.4.1 of ISO 20346:2021- Amd 1:2024/ IS 15298: Part 3: 2024 Cl. 6.2.1.4.1 of ISO 20345: 2021- Amd 1:2024/ IS 15298: Part 2: 2024, CL. 4.3 IS 17275 : Part 2 : 2019, ISO 22568-4 : 2021, BS EN ISO 22568-4:2021 IS 17275 : Part 1 : 2019 (ISO 22568-3 : 2019), BS EN ISO 22568-3 : 2019
980.	Whole footwear	Ankle protection	Cl. 6.2.7 of BS EN ISO 20345:2022+A1:2024/ DIN EN ISO 20345:2024 Cl. 6.2.7 of BS EN ISO 20346:2022+A1:2024 / DIN EN ISO 20344:2024 Cl.6.2.6 of BS EN

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
			ISO20347:2022+A1:2024/ Cl. 5.21,5.22 of BS EN ISO20344:2021+A1:2024/ Cl. 5.17 of ISO 20344:2021- Amd 1:2024/IS 15298 : Part 1 : 2024 Cl. 6.2.7 of ISO 20345:2021- Amd 1:2024/ IS 15298: Part 2: 2024 ISO 20346:2021- Amd 1:2024/ IS 15298: Part 3: 2024 IS 15298-3:2019, Cl.6.2.6 of ISO 20347: 2021- Amd 1:2024/ IS 15298: Part 4: 2024
981.	Whole footwear	Compression resistance of toecaps	Cl. 5.3.2.7 of BS EN ISO 20345:2022+A1:2024/ DIN EN ISO 20345:2024 Cl. 5.3.2.7 of BS EN ISO 20346:2022+A1:2024 / DIN EN ISO 20344:2024 Cl. 5.5 of BS EN ISO 20344:2021+A1:2024/ DIN EN ISO 20344:2024 Cl. 5.5 of ISO 20344:2021- Amd 1:2024/IS 15298 : Part 1 : 2024 Cl.5.3.2.4 of ISO 20345:2021- Amd 1:2024/ IS 15298: Part 2: 2024

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
			Cl.5.3.2.4 of ISO 20346:2021- Amd 1:2024/ IS 15298: Part 3: 2024 Cl.5.3.2.4 of IS 15298-3:2019, Cl 4.4 of IS 5852 : Part 1 : 2019/RA2024, Cl 4.5 of IS 5852 : Part 2 : 2019, ISO 22568-2 : 2019, BS EN ISO 22568-2:2019, ISO 22568-1:2019, BS EN ISO 22568-1:2019
982.	Whole footwear	Construction	Cl. 5.3.1.1 of BS EN ISO 20345:2022+A1:2024/ DIN EN ISO 20345:2024 Cl. 5.3.1.1 of BS EN ISO 20346:2022+A1:2024/ DIN EN ISO 20344:2024 Cl. 5.3.1.1 of BS EN ISO 20347:2022 +A1:2024/ DIN EN ISO 20347:2024 Cl. 5.3.1.1 of ISO 20345:2021- Amd 1:2024/ IS 15298: Part 2: 2024 Cl. 5.3.1.1 of SASO ISO 20345:2011/ Cl. 5.3.1.1 of ISO 20346:2021- Amd 1:2024/ IS 15298: Part 3: 2024 Cl. 5.3.1.1 of ISO 20347:2021- Amd 1:2024/ IS 15298: Part 4: 2024 Cl. 5.3.1.1 of IS 15298-3:2019, Cl. 4.3 of IS 3735 (A1:1999 + A2:

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

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
			2019, Cl 4.5 of IS 5852 : Part 1 : 2019/RA2024, Cl 4.6 of IS 5852 : Part 2 : 2019, ISO 22568-2 : 2019, BS EN ISO 22568-2:2019, ISO 22568-1:2019, BS EN ISO 22568-1:2019
984.	Whole footwear	Cut resistance	Cl. 6.2.8 of BS EN ISO 20345:2022+A1:2024/ DIN EN ISO 20345:2024 Cl. 6.2.8 of BS EN ISO 20346:2022 +A1:2024/ DIN EN ISO 20344:2024 Cl.6.2.7 of BS EN ISO 20347:2022+A1:2024/ Cl. 5.23 of BS EN ISO 20344:2021+A1:2024/ DIN EN ISO 20344:2024 Cl. 6.14 of ISO 20344:2021- Amd 1:2024/IS 15298 : Part 1 : 2024 ISO 20347:2021- Amd 1:2024/ IS 15298: Part 4: 2024 Cl. 6.2.8 of IS 15298-3:2019/ ISO 20346:2021- Amd 1:2024/ IS 15298: Part 3: 2024 ISO 20345: 2021- Amd 1:2024/ IS 15298: Part 2: 2024

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

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
			6.2.1.1.3, 6.2.1.1.4 of ISO 20347:2021- Amd 1:2024/ IS 15298: Part 4: 2024, CL. 4.2 IS 17275 : Part 2 : 2019, ISO 22568-4 : 2021, BS EN ISO 22568-4:2021 IS 17275 : Part 1 : 2019 (ISO 22568-3 : 2019) BS EN ISO 22568-3 : 2019
986.	Whole footwear	Determination of penetration/ perforation force of inserts, Stability against ageing and environmental influence	Cl. 6.2.1.1, 6.2.1.4.3 of BS EN ISO 20345:2022+A1:2024/ DIN EN ISO 20345:2024 Cl. 6.2.1.1, 6.2.1.4.3 of BS EN ISO 20346:2022+A1:2024 / DIN EN ISO 20344:2024 Cl. 6.2.1.1, 6.2.1.4.3 of BS EN ISO 20347:2022+A1:2024/ DIN EN ISO 20347:2024 Cl. 5.9, 5.10, 5.11 of BS EN ISO 20344:2021+A1:2024/ DIN EN ISO 20344:2024 Cl. 6.2.1.1, 6.2.1.5.2 of ISO 20345:2021- Amd 1:2024/ IS 15298: Part 2: 2024 ISO 20346:2021- Amd 1:2024/ IS

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
			15298: Part 3: 2024 ISO 20347:2021- Amd 1:2024/ IS 15298: Part 4: 2024, CL. 4.4 IS 17275 : Part 2 : 2019, ISO 22568-4 : 2021, BS EN ISO 22568-4:2021
987.	Whole footwear	Electrical resistance: Antistatic footwear/conductive footwear	Cl. 6.2.2.1, 6.2.2.2 of BS EN ISO 20345:2022+A1:2024/ DIN EN ISO 20345:2024/Cl. 6.2.2.1, 6.2.2.2 of BS EN ISO 20346:2022+A1:2024 / DIN EN ISO 20344:2024 Cl. 6.2.2.1, 6.2.2.2 of BS EN ISO 20347:2022+A1:2024/ DIN EN ISO 20347:2024 Cl. 5.13 of BS EN ISO 20344:2021+A1:2024/ DIN EN ISO 20344:2024 Cl. 5.13 of ISO 20344:2021- Amd 1:2024/ IS 15298 : Part 1 : 2024 Cl. 6.2.2.1, 6.2.2.2 of ISO 20345:2021- Amd 1:2024/ IS 15298: Part 2: 2024 Cl. 6.2.2.1, 6.2.2.2 of SASO ISO 20345:2011/ Cl. 6.2.2.1, 6.2.2.2 of ISO

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
			20346:2021- Amd 1:2024/ IS 15298: Part 3: 2024 Cl. 6.2.2.1, 6.2.2.2 of ISO 20347:2021- Amd 1:2024/ IS 15298: Part 4: 2024 Cl. Cl. 6.2.2.1, 6.2.2.2, 6.2.2.3 of IS 15298-3:2019 , CL. 4.5 IS 17275 : Part 2 : 2019, ISO 22568-4 : 2021, BS EN ISO 22568-4:2021
988.	Whole footwear	General/ Finishing/Width of flange	Cl. 5.3.2.1, 5.4.1, 5.3.2.3, 5.5.1, 5.6.1, 5.8.1 of BS EN ISO 20345:2022+A1:2024/ DIN EN ISO 20345:2024 Cl. 5.4.1, 5.5.1, 5.6.1, 5.8.1 of BS E N ISO 20347:2022+A1:2024 / Cl.5.3.2.1, 5.4.1, 5.3.2.3, 5.5.1, 5.6.1, 5.8.1 of ISO 20345:2021- Amd 1:2024/ IS 15298: Part 2: 2024 Cl. 5.3.2.1, 5.4.1, 5.3.2.3, 5.5.1, 5.6.1, 5.8.1 of ISO 20346:2021- Amd 1:2024/ IS 15298: Part 3: 2024 5.4.1, 5.5.1, 5.6.1, 5.8.1 of ISO 20347: 2021- Amd 1:2024/ IS 15298: Part 4: 2024

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
			Cl.5.3.2.1, 5.4.1 of IS 15298- 3:2019, CL.5.1, IS 5676 : 1995/RA 2021/A1:2023 Cl 4.1,4.2.1,4.2.2 of IS 5852 : Part 1 : 2019/RA2024 Cl 4.1,4.2,4.3.2 of IS 5852 : Part 2 : 2019, ISO 22568-2 : 2019, BS EN ISO 22568-2:2019, ISO 22568-1:2019,BS EN ISO 22568-1:2019
989.	Whole footwear	Heat insulation of sole complex	Cl. 6.2.3.1 of BS EN ISO 20345:2022+A1:2024 /DIN EN ISO 20345:2024/ IS 15298: Part 2: 2024/ISO 20345: 2021- Amd 1:2024 Cl. 6.2.3.1 of BS EN ISO 20346:2022 +A1:2024/ DIN EN ISO 20344:2024 Cl. 6.2.3.1 of BS EN ISO 20347:2022+A1:2024/ DIN EN ISO 20347:2024 Cl. 5.15 of BS EN ISO 20344:2021+A1:2024/ DIN EN ISO 20344:2024 Cl. 5.12 of ISO 20344:2021- Amd 1:2024/IS 15298 : Part 1 : 2024 Cl. 6.2.3.1 of ISO 20346:2021- Amd 1:2024/ IS 15298: Part 3: 2024

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
			Cl. 6.2.3.1 of ISO 20347:2021- Amd 1:2024/ IS 15298: Part 4: 2024 Cl. 6.2.3.1 of IS 15298- 3:2019/
990.	Whole footwear	Impact resistance Metatarsal protection	Cl. 6.2.6 of BS EN ISO 20345:2022+A1:2024/ DIN EN ISO 20345:2024 BS EN ISO 20346:2022+A1:2024 / DIN EN ISO 20344:2024 Cl. 5.20 of BS EN ISO 20344:2021+A1:2024/ DIN EN ISO 20344:2024 Cl. 5.16 of ISO 20344:2021- Amd 1:2024/IS 15298 : Part 1 : 2024 ISO 20346: 2021 - Amd 1:2024/ IS 15298: Part 3: 2024 ISO 20345: 2021- Amd 1:2024/ IS 15298: Part 2: 2024
991.	Whole footwear	Impact resistance of toecaps	Cl. 5.3.2.6, 5.3.2.5 of BS EN ISO 20345:2022+A1:2024/ DIN EN ISO 20345:2024 Cl. 5.3.2.6, 5.3.2.5 of BS EN ISO 20346:2022+A1:2024 / DIN EN ISO 20344:2024 Cl. 5.4 of BS EN ISO 20344:2021+A1:2024/ DIN EN ISO

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
			20344:2024 Cl. 5.4 of ISO 20344:2021- Amd 1:2024/ IS 15298 : Part 1 : 2024 , Cl. 5.3.2.6, 5.3.2.5 of ISO 20345: 2021- Amd 1:2024/ IS 15298: Part 2: 2024 Cl. 5.3.2.6, 5.3.2.5 of ISO 20346:2021- Amd 1:2024/ IS 15298: Part 3: 2024 Cl. 5.3.2.3 of IS 15298- 3:2019, Cl 4.3 of IS 5852 : Part 1 : 2019/RA2024 Cl 4.4 of IS 5852 : Part 2 : 2019, ISO 22568-2 : 2019, BS EN ISO 22568-2:2019, ISO 22568-1:2019, BS EN ISO 22568-1:2019
992.	Whole footwear	Internal length/width of flange, Dimensions of toecaps	Cl. 5.3.2.2 of BS EN ISO 20345:2022+A1:2024/ DIN EN ISO 20345:2024 Cl. 5.3.2.2 of BS EN ISO 20346:2022+A1:2024 / DIN EN ISO 20344:2024 Cl. 5.3 of BS EN ISO 20344:2021+A1:2024/ DIN EN ISO 20344:2024

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
			Cl. 5.3 of ISO 20344:2021- Amd 1:2024/ IS 15298 : Part 1 : 2024 Cl. 5.3.2.2 of ISO 20345:2021- Amd 1:2024/ IS 15298: Part 2: 2024 Cl. 5.3.2.2 of ISO 20346:2021- Amd 1:2024/ IS 15298: Part 3: 2024 Cl. 5.3.2.2 of IS 15298- 3:2019, Cl 4.2.1, 4.2.2 of IS 5852 : Part 1 : 2019/RA2024, Cl 4.3.1, 4.3.2 of IS 5852 : Part 2 : 2019, ISO 22568-2 : 2019, BS EN ISO 22568-2:2019, ISO 22568-1:2019,BS EN ISO 22568-1:2019
993.	Whole Footwear	Leak-proofness	Cl.5.3.3 of BS EN ISO 20345:2022+A1:2024/ DIN EN ISO 20345:2024 Cl.5.3.3 of BS EN ISO 20346:2022+A1:2024/ DIN EN ISO 20344:2024 Cl. 5.3.2 of BS EN ISO 20347:2022+A1:2024/ DIN EN ISO 20347:2024 Cl. 5.7 of BS EN ISO 20344:2021+A1:2024/ DIN EN ISO

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
			20344:2024 Cl. 5.7 of ISO 20344:2021- Amd 1:2024/IS 15298 : Part 1 : 2024 Cl. 5.3.3 of ISO 20345:2021/ IS 15298: Part 2: 2024 Cl. 5.3.3 of SASO ISO 20345:2011/ Cl. 5.3.3 of ISO 20346:2021- Amd 1:2024/ IS 15298: Part 3: 2024 Cl. 5.3.3 of IS 15298- 3:2019, Cl.5.3.2 of ISO 20347:2021- Amd 1:2024/ IS 15298: Part 4: 2024 Cl.5.12 of IS 12254:1993 +A1 : 2023,
994.	Whole footwear	Slip resistance	SATRA TM144:2021 ASTM F2913:2019 IS 15844:2023/A1 ISO 24267:2020 IS 8085 : Part 25 : 2024 (ISO 13287 : 2019)
995.	Whole footwear	Slip resistance	Cl. 5.14 of ISO 20344:2021- Amd 1:2024/IS 15298 : Part 1 : 2024 Cl. 5.14 of BS EN ISO 20344:2021+A1:2024; DIN EN ISO 20344:2024 Cl. 5.11 of SASO ISO 20344:2011/ Cl. 5.11 of IS 15298- 1:2015;

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
			Cl. 5.3.5, 6.2.10 of ISO 20345:2021- Amd 1:2024/ IS 15298: Part 2: 2024 Cl. 5.3.5, 6.2.10 of BS EN ISO 20345:2022+A1:2024/ DIN EN ISO 20345:2024 Cl. 5.3.5, 6.2.10 of ISO 20346:2021- Amd 1:2024/ IS 15298: Part 3: 2024 Cl. 5.3.5, 6.2.10 of BS EN ISO 20346:2022+A1:2024/ DIN EN ISO 20344:2024 Cl. 5.3.5.2, 5.3.5.3, 5.3.5.4 of IS 15298- 3:2019; Cl. 5.3.4, 6.2.9 of ISO 20347:2021- Amd 1:2024/ IS 15298: Part 4: 2024 Cl. 5.3.4, 6.2.9 of BS EN ISO 20347:2022+A1:2024 /DIN EN ISO 20347:2024,BS EN 13634: 2017
996.	Whole footwear	Specific ergonomic features	Cl. 5.3.4 of BS EN ISO 20345:2022+A1:2024/ DIN EN ISO 20345:2024 Cl. 5.3.4 of BS EN ISO 20346:2022 +A1:2024/ DIN EN ISO 20344:2024 Cl. 5.3.3 of BS EN ISO 20347:2022+A1:2024/ DIN EN ISO 20347:2024

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
			Cl. 5.1 of BS EN ISO 20344:2021+A1:2024/ DIN EN ISO 20344:2024 Cl. 5.3.3 of ISO 20347:2021- Amd 1:2024/ IS 15298: Part 4: 2024 Cl. 5.1 of ISO 20344:2021- Amd 1:2024/IS 15298 : Part 1 : 2024 Cl. 5.3.4 of ISO 20345:2021- Amd 1:2024- Amd 1:2024/ IS 15298: Part 2: 2024 Cl. 5.3.4 of ISO 20346:2021- Amd 1:2024 / IS 15298: Part 3: 2024 Cl. 5.3.4 of IS 15298- 3: 2019, BS EN 13634: 2017
997.	Whole footwear	Upper/outsole bond strength / Adhesion/Consolidation Test	Cl. 5.3.1.2 of BS EN ISO 20345:2022+A1:2024/ DIN EN ISO 20345:2024 Cl. 5.3.1.2 of BS EN ISO 20346:2022+A1:2024/ DIN EN ISO 20344:2024 Cl. 5.3.1.2 of BS EN ISO 20347:2022+A1:2024 / DIN EN ISO 20347:2024 Cl. 5.2 of BS EN ISO 20344:2021 +A1:2024/ DIN EN ISO 20344:2024

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
			Cl. 5.2 of ISO 20344:2021- Amd 1:2024/ IS 15298 : Part 1 : 2024 Cl. 5.3.1.2 of ISO 20345:2021- Amd 1:2024/ IS 15298: Part 2: 2024 Cl. 5.3.1.2 of ISO 20346:2021- Amd 1:2024/ IS 15298: Part 3: 2024 Cl. 5.3.1.2 of SASO ISO 20346:2004/ Cl. 5.3.1.2 of ISO 20347:2021- Amd 1:2024/ IS 15298: Part 4: 2024 Cl. 5.3.1.2 of IS 15298- 3:2019/ Cl. 4.4, 4.5 of IS 3735 (A1: 1999 + A2: 2001 + A3: 2003 + A4: 2004+A5:2024):1996,BS EN 13634: 2017
998.	Whole footwear	Water resistance for whole footwear	Cl. 6.2.5 of BS EN ISO 20345:2022+A1:2024/ DIN EN ISO 20345:2024 Cl. 6.2.5 of BS EN ISO 20346:2022+A1:2024 / DIN EN ISO 20344:2024 Cl. 6.2.5 of BS EN ISO 20347:2022+A1:2024/ DIN EN ISO 20347:2024 Cl. 5.18, 5.19 of BS EN ISO 20344:2021+A1:2024/ DIN EN ISO

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
			20344:2024 Cl. 5.18, 5.19 of ISO 20344:2021- Amd 1:2024/ IS 15298 : Part 1 : 2024 Cl.6.2.5 of IS 15298- 3:2019/ Cl.6.2.5 of ISO 20347:2021- Amd 1:2024/ IS 15298: Part 4: 2024 Cl.6.2.5 of ISO 20346:2021- Amd 1:2024/ IS 15298: Part 3: 2024 Cl.6.2.5 of ISO 20345: 2021- Amd 1:2024/ IS 15298: Part 2: 2024
999.	Leather & footwear	Resistance to Hydrolysis	Cl.5.4.7 of BS EN ISO 20345:2022+A1:2024/ DIN EN ISO 20345:2024/ IS 15298: Part 2: 2024/ISO 20345:2021- Amd 1:2024 Cl.5.4.7 of BS EN ISO 20346:2022+A1:2024// DIN EN ISO 20344:2024/ISO 20346:2021- Amd 1:2024/ IS 15298: Part 3: 2024 Cl.5.4.7 of BS EN ISO 20347:2022+A1:2024/ DIN EN ISO 20347:2024 ISO 20347:2021- Amd 1:2024/ IS 15298: Part 4: 2024 Cl. 6.10 of BS EN ISO

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
			20344:2021+A1:2024/ DIN EN ISO 20344:2024 /ISO 20344:2021:2021- Amd 1:2024/ IS 15298 : Part 1 : 2024
1000.	Whole footwear	cold insulation of sole complex	Cl.6.2.3.2 of BS EN ISO 20345:2022+A1:2024/ DIN EN ISO 20345:2024 Cl.6.2.3.2 of ISO 20345:2021- Amd 1:2024/ IS 15298: Part 2: 2024 Cl.6.2.3.2 of BS EN ISO 20346:2022+A1:2024/ DIN EN ISO 20344:2024 Cl.6.2.3.2 of ISO 20346:2021- Amd 1:2024/ IS 15298: Part 3: 2024 Cl.6.2.3.2 of BS EN ISO 20347:2022+A1:2024/ Cl.6.2.3.2 of ISO 20347:2021- Amd 1:2024/ IS 15298: Part 4: 2024 Cl.6.2.3.2 of IS 15298- 3:2019/IS 15298-4(A1 &A2:2019):2017/ Cl. 5.16 of BS EN ISO 20344:2021+A1:2024/ DIN EN ISO 20344:2024Cl. 5.16 of ISO 20344:2021- Amd 1:2024/IS 15298 : Part 1 : 2024

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	Leather and Leather Products		
1001.	Coated materials	Adhesion peel strength	IS 3400 : Part 5 : 2022 (ISO 36 : 2020), IS 6191 : Part 5 : 2024 (ISO 11644 : 2022) ISO 17698 ,IS 8085 : Part 8 : 2019
1002.	Coated materials	Determination of flex cracking and crack growth De Mattia	IS 3400 : Part 7 : 2021 (ISO 132 : 2017) IS 7016 : Part 4 : 2003 (ISO 7854 : 1995)
1003.	Footwear	Colour Fastness to Water Spotting	IS 6191 : Part 1 : 2018 (ISO 15700 : 1998)
1004.	Footwear	Colour Fastness to Machine Washing	IS 6191 : Part 3 : 2018/RA 2023 (ISO 15702 : 1998)
1005.	Footwear	Colour Migration	ISO 17701
1006.	Leather gauntlets and mittens	TYPES	CI 4 of IS 2573:2023
1007.	Leather gauntlets and mittens	Shape, design and dimension	CI 4.2, 5 of IS 2573:2023
1008.	Leather gauntlets and mittens	Material	CI 5.2 of IS 2573:2023
1009.	Leather gauntlets and mittens	Length	Annex B of IS 1720, CI 5.2.2 of IS 2573:2023
1010.	Leather gauntlets and mittens	Single thread breaking load	IS 1670, CI 5.2 .2of IS 2573:2023

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
1011.	Leather gauntlets and mittens	Weave	CI 5.2.3 of IS 2573:2023
1012.	Leather gauntlets and mittens	Count of yarns	CI 5.2.3 of IS 2573:2023
1013.	Leather gauntlets and mittens	Ends/cm	IS 1963, CI 5.2.3 of IS 2573:2023
1014.	Leather gauntlets and mittens	Picks/cm	IS 1963, CI 5.2.3 of IS 2573:2023
1015.	Leather gauntlets and mittens	Mass, g/m ²	IS 1964, CI 5.2.3 of IS 2573:2023
1016.	Leather gauntlets and mittens	Breaking load	IS 1969 (Part 1) : 2018, CI 5.2.3 of IS 2573:2023 and 1969 (Part 2) : 2018
1017.	Leather gauntlets and mittens	Manufacture	CI 5.3 of IS 2573:2023
1018.	Leather gauntlets and mittens	HEAT RESISTANCE TEST	CI 6 of IS 2573:2023
1019.	Gloves	Abrasion resistance	Cl. 6.1 of ISO 23388:2018, IS 6994 : Part 6 : 2021
1020.	Gloves	Blade cut resistance	Cl. 6.2 of ISO 23388:2018, IS 6994 : Part 6 : 2021
1021.	Gloves	Puncture resistance	Cl. 6.4 ISO 23388:2018, IS 6994 : Part 6 : 2021
1022.	Gloves	Tear resistance	Cl. 6.3 of ISO 23388:2018, IS 6994 : Part 6 : 2021
1023.	Gloves	Dexterity	Cl. 5.2 of IS 6994 : Part 7 : 2021 (ISO 21420 : 2020

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
1024.	Gloves	Glove design and construction — General	Cl. 4.1 of IS 6994 : Part 7 : 2021 (ISO 21420 : 2020
1025.	Gloves	Measurement of glove length	Cl. 5.1, 6.1 of IS 6994 : Part 7 : 2021 (ISO 21420 : 2020
1026.	Gloves	Water vapour absorption (Leather materials)	Cl. 5.3.2 of IS 6994 : Part 7 : 2021 (ISO 21420 : 2020
1027.	Gloves	Water vapour transmission (Leather materials)	Cl. 5.3.1 of of IS 6994 : Part 7 : 2021 (ISO 21420 : 2020
1028.	Leather and Leather product	Lastometer Ball Burst Test	ISO 3379, ASTM D 2207
1029.	Leather and Leather product	Dimension (length and width)	Cl 3.0 of IS 7888



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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile and Textile products		
1.	Polyester Continuous Filament Fully Drawn Yarns	Linear Density	IS 17261:2022 Amd-1 to 6:2024, Clause-6.1,6.2,8.3Table-3, IS 7703(P-1) :1990
2.	Polyester Continuous Filament Fully Drawn Yarns	Un-evenness U (AMD 3)	IS 17261:2022 Amd-1 to 6:2024, Clause-6.1,6.2,8.3Table-3, IS 7703(P-5) :1987
3.	Polyester Continuous Filament Fully Drawn Yarns	Tenacity (AMD.1)	IS 17261:2022 Amd-1 to 6:2024, Clause-6.1,6.2,8.3Table-3, IS 7703(P-2, Dry method) :1990
4.	Polyester Continuous Filament Fully Drawn Yarns	Elongation (AMD.1)	IS 17261:2022 Amd-1 to 6:2024, Clause-6.1,6.2,8.3Table-3,IS 7703 (P-2,Dry method):1990
5.	Polyester Continuous Filament Fully Drawn Yarns	Ultraviolet resistance, 500 h Percent retained strength	IS 17261:2022 Amd-1 to 6:2024, Clause-6.1,6.2.1(Table-4)-vi, IS 13162 (P- 2):1991
6.	Polyester Continuous Filament Fully Drawn Yarns	Freedom from Yarn Defects	IS 17261:2022 Amd-1 to 6:2024, Clause-6.3, Visual
7.	Polyester Continuous Filament Fully Drawn Yarns	Commercial Mass (AMD.2)	IS 17261:2022 Amd-1 to 6:2024, Clause-6.6, IS 7703(P-3):1991
8.	Polyester Continuous Filament Fully Drawn Yarns	Sampling & criteria for conformity	IS 17261:2022 Amd-1 to 6:2024, Clause-9; IS 4905:2015
9.	Polyester Continuous Filament Fully Drawn Yarns	Packing	IS 17261:2022 Amd-1 to 6:2024, Clause-7 Visual
10.	Polyester Continuous Filament Fully Drawn Yarns	Marking	IS 17261:2022 Amd-1 to 6:2024, Clause-8 Visual

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile and Textile products		
11.	Polyester Continuous Filament Fully Drawn Yarns	Interlace in nips per meter	IS 17261:2022 Amd-1 to 6:2024, Clause-6.1,6.2,8.3(Table-3) note-2, Annex B of IS 17262
12.	Polyester Continuous Filament Fully Drawn Yarns	Boiling Water shrinkage(AMD.2)	IS 17261:2022 Amd-1 to 6:2024, Clause-6.1,6.2.1 (Table-4)-viii, Annex E
13.	Polyester Continuous Filament Fully Drawn Yarns	Colour difference with reference to standard yarn, measured as ΔE	IS 17261:2022 Amd-1 to 6:2024, Clause-6.1,6.2.1 (Table-4)-ix, Annex E
14.	Polyester Continuous Filament Fully Drawn Yarns	Colour strength with reference to standard yarn, percent	IS 17261:2022 Amd-1 to 6:2024, Clause-6.1,6.2.1(Table-4)-ix, Annex E
15.	Polyester Continuous Filament Fully Drawn Yarns	Colour Fastness to Light Change in colour	IS 17261:2022 Amd-1 to 6:2024, Clause-6.5,(Table-6)-i, IS/ISO 105-B01:2014 or IS/ISO 105-B02 :2014
16.	Polyester Continuous Filament Fully Drawn Yarns	Colour Fastness to washing	IS 17261:2022 Amd-1 to 6:2024, Clause-6.5,(Table-6)-ii, IS/ISO 105-C10:2006
17.	Polyester Continuous Filament Fully Drawn Yarns	Colour Fastness to Rubbing	IS 17261:2022 Amd-1 to 6:2024, Clause-6.5,(Table-6)-iii, IS/ISO 105-X12:2016
18.	Polyester Continuous Filament Fully Drawn Yarns	Colour Fastness to Perspiration (acidic and alkaline)	IS 17261:2022 Amd-1 to 6:2024, Clause-6.5,(Table-6)-iv, IS/ISO 105-E04:2013
19.	Polyester Continuous Filament Fully Drawn Yarns	Identification and Description-Microscopic test	IS 17261:2022, IS 667,ISO 17131,IS 4229

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile and Textile products		
20.	Polyester Continuous Filament Fully Drawn Yarns	Melting Point	IS 17261:2022, IS 16481
21.	Polyester Continuous Filament Fully Drawn Yarns	No. of filaments	IS 17261:2022, Visual inspection under microscope
22.	Polyester Continuous Filament Fully Drawn Yarns	Moisture regain, Max at equilibrium condition	IS 17261:2022, IS 17261: 2022
23.	Polyester Continuous Filament Fully Drawn Yarns	Moisture regain	IS 7867: 2024, IS 17261
24.	Polyester Continuous Filament Fully Drawn Yarns	Interlace in nips per meter	IS 17261:2022 Amd-1 to 6:2024, Clause-6.1,6.2,8.3(Table-3) note-2, Annex B of IS 17262
25.	Polyester partially oriented yarn (POY)	Wound in waist (AMD3)	IS 17262:2022 Amd-1 to 5:2024, Clause-6.3.17 Visual
26.	Polyester partially oriented yarn (POY)	Nominal linear density	IS 17262:2022 Amd-1 to 5:2024, Clause-6.1&8.2) (Table-3)-i, IS 7703(P-1):1990
27.	Polyester partially oriented yarn (POY)	Tenacity (AMD1)	IS 17262:2022 Amd-1 to 5:2024, Clause-6.1&8.2) (Table-3)-IV, IS 7703(P-2-DRY METHOD):1990
28.	Polyester partially oriented yarn (POY)	Elongation (AMD1)	IS 17262:2022 Amd-1 to 5:2024, Clause-6.1&8.2) (Table-3)-V, IS 7703(P-2-DRY METHOD):1990
29.	Polyester partially oriented yarn (POY)	Interlace as nips per metre (AMD2)	IS 17262:2022 Amd-1 to 5:2024, Clause-6.1&8.2) (Table-3)-vi, Annex-B

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile and Textile products		
30.	Polyester partially oriented yarn (POY)	Unevenness of linear density (AMD3)	IS 17262:2022 Amd-1 to 5:2024, Clause-6.1&8.2) (Table-3)-vii, IS 7703(P-5):1987
31.	Polyester partially oriented yarn (POY)	Ultraviolet resistance, 500 h Percent retained strength (AMD3)	IS 17262:2022 Amd-1 to 5:2024, Clause-6.2) (Table-4)-vi, Annex H
32.	Polyester partially oriented yarn (POY)	Freedom from Yarn Defects	IS 17262:2022 Amd-1 to 5:2024, Clause-6.3) Visual
33.	Polyester partially oriented yarn (POY)	Commercial Mass (AMD2)	IS 17262:2022 Amd-1 to 5:2024, Clause-6.6; IS 7703 (Part 3):1991
34.	Polyester partially oriented yarn (POY)	Packing	IS 17262:2022 Amd-1 to 5:2024, Clause-7
35.	Polyester partially oriented yarn (POY)	Marking	IS 17262:2022 Amd-1 to 5:2024, Clause-8
36.	Polyester partially oriented yarn (POY)	Colour strength with reference to standard yarn	IS 17262:2022 Amd1 to 5:2024, Clause-6.2) (Table-4)-viii, Annex F
37.	Polyester partially oriented yarn (POY)	Colour strength with reference to standard yarn ΔE	IS 17262:2022 Amd1 to 5:2024, Clause-6.2) (Table-4)-ix, Annex F
38.	Polyester partially oriented yarn (POY)	Colour Fastness to Light	IS 17262:2022 Amd1 to 5:2024, Clause-6.5 (Table-6)-I, IS/ISO 105-B01:2014 /IS/ISO 105-B02:2014
39.	Polyester partially oriented yarn (POY)	Colour Fastness to Washing	IS 17262:2022 Amd1 to 5:2024, Clause-6.5 (Table-6)-ii, S/ISO 105-C10:2006



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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile and Textile products		
40.	Polyester partially oriented yarn (POY)	Colour Fastness to Rubbing	IS 17262:2022 Amd1 to 5:2024, Clause-6.5 (Table-6)-iii, IS/ISO 105-X12:2016
41.	Polyester partially oriented yarn (POY)	Colour Fastness to Perspiration (acidic and alkaline)	IS 17262:2022 Amd1 to 5:2024, Clause-6.5 (Table-6)-iv, IS/ISO 105-E04:2013
42.	Polyester partially oriented yarn (POY)	Identification and Description-Microscopic test	IS 17262: 2022, IS 667
43.	Polyester partially oriented yarn (POY)	Melting Point	IS 17262: 2022, IS 16481
44.	Polyester partially oriented yarn (POY)	No. of filaments	IS 17262: 2022, Visual inspection under microscope
45.	Polyester partially oriented yarn (POY)	Moisture regain	IS 17262: 2022
46.	Polyester Staples fibers	Freedom from Major Defects	IS 17263:2022 Amd-1 to 7:2024, Clause-6.2 visual
47.	Polyester Staples fibers	Dirt/Grease	IS 17263:2022 Amd-1 to 7:2024, Clause-6.2.1 visual
48.	Polyester Staples fibers	Damaged/Bumped Fibers	IS 17263:2022 Amd-1 to 7:2024, Clause-6.2.2 visual
49.	Polyester Staples fibers	Uneven Fluorescent Oil (visual)	IS 17263:2022 Amd-1 to 7:2024, Clause-6.2.4. visual
50.	Polyester Staples fibers	Slubs/Loops/Kinks (AMD6)	IS 17263:2022 Amd-1 to 7:2024, Clause-6.2.5 visual
51.	Polyester Staples fibers	Other Foreign Materials	IS 17263:2022 Amd-1 to 7:2024, Clause-6.2.6 visual

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile and Textile products		
52.	Polyester Staples fibers	Linear density	IS 17263:2022 Amd-1 to 7:2024, Clause-6.1,6.1.1,8.2(Table-3)-i, IS 234:2013
53.	Polyester Staples fibers	Cut length	IS 17263:2022 Amd-1 to 7:2024, Clause-6.1,6.1.1,8.2 (Table-3)-ii, IS 10014(P-1):1984 Amd-1:1993
54.	Polyester Staples fibers	Elongation at break	IS 17263:2022 Amd-1 to 7:2024, Clause-6.1,6.1.1,8.2(Table-3)-iii, IS 235:2023
55.	Polyester Staples fibers	Tenacity	IS 17263:2022 Amd-1 to 7:2024, Clause-6.1,6.1.1,8.2 (Table-3)-iv, IS 235 2023
56.	Polyester Staples fibers	Crimp removal (AMD4)	IS 17263:2022 Amd-1 to 7:2024, Clause-6.1,6.1.1,8.2 (Table-3)-vi, Annex C,SO 7211-3
57.	Polyester Staples fibers	Ultraviolet resistance, 500 h Percent retained strength (AMD4)	IS 17263:2022 Amd-1 to 7:2024, Clause-6.1,6.3 (Table-4)-iv, IS 16481:2022 Amd-1:2022 Annex F
58.	Polyester Staples fibers	Ageing (AMD4)	IS 17263:2022 Amd-1 to 7:2024, Clause-6.1,6.3 (Table-4)-xiii, IS 7016(P-8):2023
59.	Polyester Staples fibers	Commercial Mass (AMD3)	IS 17263:2022 Amd-1 to 7:2024, Clause-6.5; IS 7703(P 3):1991
60.	Polyester Staples fibers	Sampling	IS 17263:2022 Amd-1 to 7:2024, Clause-9; IS 4905:2015

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile and Textile products		
61.	Polyester Staples fibers	Marking	IS 17263:2022 Amd-1 to 7:2024, Clause-8
62.	Polyester Staples fibers	Freedom from Yarn Defects	IS 17264:2022 Amd-1 to 3:2023, Clause-6.3 Visual
63.	Polyester Staples fibers	Sinking time	IS 17263:2022 Amd 1 to 7:2024, Clause-6.1,6.1.1,8.2(Table-3)-vii, Annex D
64.	Polyester Staples fibers	Colour strength with reference to standard shade, percent	IS 17263:2022 Amd 1 to 7:2024, Clause-6.1,6.3 (Table-4)-viii, Annex H
65.	Polyester Staples fibers	Colour difference with reference to standard shade, measured as $\Delta E1$	IS 17263:2022 Amd 1 to 7:2024, Clause-6.1,6.3 (Table-4)-ix, Annex H
66.	Polyester Staples fibers	L Colour value	IS 17263:2022 Amd 1 to 7:2024, Clause-6.1,6.3 (Table-4)-x, Annex J
67.	Polyester Staples fibers	Whiteness index,	IS 17263:2022 Amd 1 to 7:2024, Clause- 6.1,6.3 (Table-4)-xi, Annex J
68.	Polyester Staples fibers	Dry heat (hot air) Shrinkage of single polyester staple fibre	IS 17263:2022 Amd 1 to 7:2024, Clause-6.1,6.3 (Table-4)-xiv, Annex K, IS 12170
69.	Polyester Staples fibers	Colour fastness to Light	IS 17263:2022 Amd 1 to 7:2024, Clause-6.4 (Table-6)-I, IS/ISO 105-B01/ IS/ISO 105-B02:2014
70.	Polyester Staples fibers	Colour fastness to washing	IS 17263:2022 Amd 1 to 7:2024, Clause-6.4 (Table-6)-ii, IS/ISO 105-C10:2006

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile and Textile products		
71.	Polyester Staples fibers	Colour fastness to Rubbing	IS 17263:2022 Amd 1 to 7:2024, Clause-6.4 (Table-6)-iii, IS/ISO 105-X12:2016
72.	Polyester Staples fibers	Colour fastness to Perspiration (acidic and alkaline)	IS 17263:2022 Amd 1 to 7:2024, Clause-6.4 (Table-6)-iv, IS/ISO 105-E04:2013
73.	Polyester Staples fibers	Whiteness index	IS 18739:2024, clause-3.10, IS 17263:2022-ANNEX-J IS 7056:2024, clause-3.2.2 IS 17263:2022 Annex-J
74.	Polyester Staples fibers	Identification and Description- Microscopic test	IS 17263: 2022, IS 667
75.	Polyester Staples fibers	Melting Point	IS 17263: 2022, IS 16481
76.	Polyester Staples fibers	Moisture regain	IS 17263: 2022
77.	Polyester industrial yarns	Freedom from Yarn Defects	IS 17264:2022 Amd-1 to 3:2023, Clause-6.3 Visual
78.	Polyester industrial yarns	Linear Density	IS 17264:2022 Amd-1 to 3:2023, Clause-6.1, 8.2 Table-3, IS 7703(P-1):1990
79.	Polyester industrial yarns	Tenacity	IS 17264:2022 Amd-1 to 3:2023, Clause-6.1, 8.2 Table-3, IS 7703(P-2):1990



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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile and Textile products		
80.	Polyester industrial yarns	Elongation	IS 17264:2022 Amd-1 to 3:2023, Clause-6.1,8.2 Table-3, IS 7703(P-2):1990
81.	Polyester industrial yarns	Ultraviolet resistance, 500 hr. % retained strength	IS 17264:2022 Amd-1 to 3:2023, Clause-6.2 (Table-4)-vi, IS 13162(P-2):1991
82.	Polyester industrial yarns	Commercial Mass (AMD2)	IS 17264:2022 Amd-1 to 3:2023, Clause-6.5; IS 7703(P-3):1991
83.	Polyester industrial yarns	Packing	IS 17264:2022 Amd-1 to 3:2023, Clause-7, 154. Polyester industrial yarns Marking IS 17264:
84.	Polyester industrial yarns	Marking	IS 17264:2022 Amd-1 to 3:2023, Clause-8
85.	Polyester industrial yarns	Hot Air Shrinkage	IS 17264:2022 Amd 1 to 3:2023, Clause-6.1,8.2 Table-3, Annex-F
86.	Polyester industrial yarns	Colour strength with reference to standard yarn	IS 17264:2022 Amd 1 to 3:2023, Clause-6.2 (Table-4)-vii, Annex-E
87.	Polyester industrial yarns	Colour difference with reference to standard yarn measured as ΔE	IS 17264:2022 Amd 1 to 3:2023, Clause-6.2 (Table-4)-viii, Annex-E
88.	Polyester industrial yarns	Colour fastness to Light	IS 17264:2022 Amd 1 to 3:2023, Clause-6.4 (Table-5)-i, IS/ISO 105-B01/IS/ISO 105-B02:2014
89.	Polyester industrial yarns	Colour fastness to Rubbing	IS 17264:2022 Amd 1 to 3:2023, Clause-6.4 (Table-5)-ii, IS/ISO 105-X12:2016

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile and Textile products		
90.	Polyester industrial yarns	Identification and Description- Microscopic test	IS 17264: 2022, IS 667
91.	Polyester industrial yarns	Melting Point	IS 17264: 2022, IS 16481
92.	Polyester industrial yarns	Moisture regain	IS 17264: 2022
93.	100% Polyester spun grey & white yarns	Linear density	IS 17265:2023 Amd-1 to A2 :2024, Clause-6.1,6.2,8.2 (Table-3)-i, IS 1315:1977 Amd-1:2000
94.	Textile and textile products	Twist per metre	IS 17265:2023 Amd-1to A2 :2024, Clause-6.1,6.2,8.2 (Table-3)-ii, IS 832(P 1:2021&2:2011), IS 832 : PART 1 : 2021 (ISO 2061:2015),IS 832 : PART 2 : 2011 (ISO 17202 : 2002),(ISO 1139, ISO 7211-4,ISO 17202:2002
95.	100% Polyester spun grey & white yarns	Tenacity (breaking strength of yarn by the skein method)	IS 17265:2023 Amd-1to A2 :2024, Clause-6.1,6.2,8.2 (Table-3)-iii, IS 1670:1991,ISO 6939
96.	100% Polyester spun grey & white yarns	Elongation	IS 17265:2023 Amd-1to A2 :2024, Clause-6.1,6.2,8.2 (Table-3)-iv, IS 1670:1991
97.	100% Polyester spun grey & white yarns	Count strength product (CSP)	IS 17265:2023 Amd-1to A2 :2024, Clause-6.1,6.2,8.2 (Table-3)-vi, Annex B

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile and Textile products		
98.	100% Polyester spun grey & white yarns	Yarn hairiness index,	IS 17265:2023 Amd-1 to A2 :2024, Clause-6.1,6.2,8.2 (Table-3)-vi, Annex B
99.	100% Polyester spun grey & white yarns	Ultraviolet resistance, 500 hr. % retained strength	IS 17265:2023 Amd-1 to A2:2024, Clause-6.1,6.2 (Table-4)-v, IS 13162(P-2):1991
100.	100% Polyester spun grey & white yarns	Unevenness	IS 17265:2023 Amd-1 to A2:2024, Clause-6.4 IS 16576:2022
101.	100% Polyester spun grey & white yarns	Commercial Mass (AMD1)	IS 17265:2023 Amd-1 to A2:2024, Clause-6.6 IS 7703(P-3):1991
102.	100% Polyester spun grey & white yarns	Packing	IS 17265:2023 Amd-1 to A2 :2024, Clause-7
103.	100% Polyester spun grey & white yarns	Marking	IS 17265:2023, Amd-1 to A2 :2024 Clause-8
104.	100% Polyester spun grey & white yarns	Sampling	IS 17265:2023 Amd-1 to A2 :2024, Clause-9; IS 4905:2015
105.	100% Polyester spun grey & white yarns	Whiteness index	IS 17265:2023 Amd 1 to A2:2024, Clause-6.1,6.2,8.2 (Table-3)-vii, IS 17263:2022 Annex J
106.	100% Polyester spun grey & white yarns	Wettability of woven or knitted fabrics	IS 17265:2023 Amd 1:2024, Clause-6.1,6.2 (Table-4)-vii, IS 2349:2022
107.	100% Polyester spun grey & white yarns	Wicking	IS 17265:2023 Amd 1 to A2:2024, Clause- 6.1,6.2 (Table-4)-viii, Annex E, AATCC 197

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile and Textile products		
108.	100% Polyester spun grey & white yarns	Colour fastness to Light	IS 17265:2023 Amd 1 to A2:2024, clause-6.1,6.2 ,6.7 (Table-7)-i, IS/ISO 105-B01/IS/ISO 105-B02:2014
109.	100% Polyester spun grey & white yarns	Colour fastness to washing	IS 17265:2023 Amd 1 to A2:2024, Clause-6.1,6.2 ,6.7 (Table-7)-ii, IS/ISO 105-C10:2006
110.	100% Polyester spun grey & white yarns	Colour fastness to Rubbing	IS 17265:2023 Amd 1 to A2:2024, Clause-6.1,6.2 ,6.7 (Table-7)-iii, IS/ISO 105-X12:2016
111.	100% Polyester spun grey & white yarns	Colour fastness to Perspiration (acidic and alkaline)	IS 17265:2023 Amd 1 to A2:2024, Clause-6.1,6.2 ,6.7 (Table-7)-iv , IS/ISO 105-E04:2013
112.	100% Polyester spun grey & white yarns	Identification and Description- Microscopic test	IS 17265: 2023, IS 667
113.	100% Polyester spun grey & white yarns	Melting Point	IS 17265: 2023, IS 16481
114.	100% Polyester spun grey & white yarns	Moisture regain	IS 17265: 2023
115.	Viscose staple fibres	Abnormal Fiber and Other Matters	IS 17266:2019 Amd. 1 to 3:2023, Clause-3.2
116.	Viscose staple fibres	Freedom from Defects	IS 17266:2019 Amd. 1 to 3:2023, Clause-4.3
117.	Viscose staple fibres	Commercial Mass	IS 17266:2019 Amd. 1 to 3:2023, Clause-4.5; IS/ISO 6741(P-1,2 & 3:1989)

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile and Textile products		
118.	Viscose staple fibres	Packing	IS 17266:2019 Amd. 1 to 3:2023, Clause-5; IS 10415:1992
119.	Viscose staple fibres	Marking	IS 17266:2019 Amd. 1 to 3:2023, Clause-6
120.	Viscose staple fibres	Linear density	IS 17266:2019 Amd. 1 to 3:2023, Clause-4.2 (Table-1)-i, IS 234:2013, ISO 2060
121.	Viscose staple fibres	Tenacity	IS 17266:2019 Amd. 1 to 3:2023, Clause-4.2 (Table-1)-ii, IS 235:2023
122.	Viscose staple fibres	Length	IS 17266:2019 Amd. 1 to 3:2023, Clause-4.2 (Table-1)-iv, IS 4807:1968 Amd. 2:1993, ISO 3993
123.	Viscose staple fibres	Spinning faults	IS 17266:2019 Amd. 1 to 3:2023, Clause-4.2 (Table-1)-v, Visual
124.	Viscose staple fibres	Shirley faults	IS 17266:2019 Amd. 1 to 3:2023, Clause-4.2 (Table-1)-vi, IS 4871:1968
125.	Viscose staple fibres	Whiteness	IS 17266:2019 Amd 1 to 3:2023, Clause-4.2 (Table-1)-iii, IS 1060(P-4/SEC 4):2014
126.	Viscose staple fibres	Identification and Description-Microscopic test	IS 17266: 2019, IS 667
127.	Viscose Rayon Cut Staple (Spun) Yarn	General Requirements	IS 3566:2023 Amd 1:2024, Clause-4, Annex B
128.	Viscose Rayon Cut Staple (Spun) Yarn	Count	IS 3566:2023 Amd 1:2024, Clause - 5.1(Table-1)-i, IS 1315:1997 Amd-1:2000, IS 3442

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile and Textile products		
129.	Viscose Rayon Cut Staple (Spun) Yarn	Count CV %	IS 3566:2023 Amd 1:2024, Clause-5.1(Table-1)-ii, IS 1315:1997 Amd-1:2000
130.	Viscose Rayon Cut Staple (Spun) Yarn	CSP (Count strength product	IS 3566:2023 Amd 1:2024, Clause-5.1 (Table-1)-iii, IS 1671:1977
131.	Viscose Rayon Cut Staple (Spun) Yarn	Lea breaking load CV %	IS 3566:2023 Amd 1:2024, Clause-5.1 (Table-1)-iv, IS 1671:1977, ISO 6939:1988
132.	Viscose Rayon Cut Staple (Spun) Yarn	Yarn tenacity	IS 3566:2023 Amd 1:2024, Clause-5.1 (Table-1)-v, IS 1670:1991
133.	Viscose Rayon Cut Staple (Spun) Yarn	Yarn tenacity CV%	IS 3566:2023 Amd 1:2024, Clause-5.1 (Table-1)-vi, IS 1670:1991
134.	Viscose Rayon Cut Staple (Spun) Yarn	Breaking elongation	IS 3566:2023 Amd 1:2024, Clause-5.1 (Table-1)-vii, IS 1670:1991
135.	Viscose Rayon Cut Staple (Spun) Yarn	Unevenness, percent	IS 3566:2023 Amd 1:2024, Clause-5.1 (Table-1)-viii, IS 16576:2022
136.	Viscose Rayon Cut Staple (Spun) Yarn	Unevenness CV	IS 3566:2023 Amd 1:2024, Clause-5.1 (Table-1)-ix, IS 16576:2022
137.	Viscose Rayon Cut Staple (Spun) Yarn	Hairiness index	IS 3566:2023 Amd 1:2024, Clause-5.1 (Table-1)-x, Annex C
138.	Viscose Rayon Cut Staple (Spun) Yarn	Imperfections	IS 3566:2023 Amd 1:2024, Clause-5.1 (Table-1)-xi, IS 16576:2022
139.	Viscose Rayon Cut Staple (Spun) Yarn	Count	IS 3566 Amd 1:2024, Clause - 5.2(Table-2)-i, IS 1315:1977 Amd-1:2000



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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile and Textile products		
140.	Viscose Rayon Cut Staple (Spun) Yarn	Twist per metre	IS 3566:2023 Amd 1:2024, Clause-5.2(Table-2)-ii, IS 1315:1977 Amd-1:2000
141.	Viscose Rayon Cut Staple (Spun) Yarn	CSP	IS 3566:2023 Amd 1:2024, Clause-5.2(Table-2)-iv, IS 1671:1977
142.	Viscose Rayon Cut Staple (Spun) Yarn	Lea breaking load CV %	IS 3566 Amd 1:2024, Clause-5.2, Table-2-v, IS 1671:1977
143.	Viscose Rayon Cut Staple (Spun) Yarn	Yarn tenacity	IS 3566 Amd 1:2024, Clause-5.2, (Table-2)-vi, IS 1670:1991
144.	Viscose Rayon Cut Staple (Spun) Yarn	Yarn tenacity CV%	IS 3566:2023 Amd 1:2024, Clause-5.2,(Table-2)-vii, IS 1670:1991
145.	Viscose Rayon Cut Staple (Spun) Yarn	Breaking Elongation	IS 3566:2023 Amd 1:2024, Clause-5.2,(Table-2)-viii, IS 1670:1991
146.	Viscose Rayon Cut Staple (Spun) Yarn	Unevenness	IS 3566:2023 Amd 1:2024, Clause-5.2,(Table-2)-ix, IS 16576:2022
147.	Viscose Rayon Cut Staple (Spun) Yarn	Unevenness CV	IS 3566:2023 Amd 1:2024, Clause-5.2,Table-2)-x, IS 16576:2022
148.	Viscose Rayon Cut Staple (Spun) Yarn	Hairiness index	IS 3566:2023 Amd 1:2024, Clause-5.2,(Table-2)-xi, Annex C
149.	Viscose Rayon Cut Staple (Spun) Yarn	Imperfections	IS 3566:2023 Amd 1:2024, Clause-5.2(Table-2)-xii, IS 16576:2022
150.	Viscose Rayon Cut Staple (Spun) Yarn	Packing	IS 3566:2023 Amd 1:2024, Clause-6, visual
151.	Viscose Rayon Cut Staple (Spun) Yarn	Marking	IS 3566:2023 Amd 1:2024, Clause-7, Visual

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile and Textile products		
152.	Viscose Rayon Cut Staple (Spun) Yarn	Sampling	IS 3566:2023 Amd 1:2024, Clause-8; IS 4905:2015
153.	Viscose Rayon Cut Staple (Spun) Yarn	Common defects of yarn on cones & hanks	IS 3566:2023 Amd 1:2024, Annex B
154.	Fencing Nets Made From Mono Filament Yarns And Combination Of Tape And Mono Filament Yarns	Monofilament density)	Clause 4.1 of IS 17358 Part 2:2020
155.	Fencing Nets Made From Mono Filament Yarns And Combination Of Tape And Mono Filament Yarns	Heat Shrinkage of the Monofilament Yarn	Clause 4.1.1 of IS 17358 Part 2:2020
156.	Fencing Nets Made From Mono Filament Yarns And Combination Of Tape And Mono Filament Yarns	Width of the tape used in fabric)	Clause 4.2 of IS 17358 Part 2:2020
157.	Fencing Nets Made From Mono Filament Yarns And Combination Of Tape And Mono Filament Yarns	Width of the Fabric)	Clause 5.1 of IS 17358 Part 2:2020, ISO 3932
158.	Fencing Nets Made From Mono Filament Yarns And Combination Of Tape And Mono Filament Yarns	(Eyelet to Eyelet Edge Distance)	Clause 5.2.1 of IS 17358 Part 2:2020
159.	Fencing Nets Made From Mono Filament Yarns And	Mass of the fencing nets	Clause 6 of IS 17358 Part 2:2020

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile and Textile products		
	Combination Of Tape And Mono Filament Yarns		
160.	Textile and textile products	Dimensions and mass	Clause 7.1 of IS 17358 Part 2:2020, IS 1954, ISO 3018, ISO 1923
161.	Fencing Nets Made From Mono Filament Yarns And Combination Of Tape And Mono Filament Yarns	Average breaking strength of wind shield net fabric	Clause 7.2 of IS 17358 Part 2:2020, IS 1969 (Part 1)
162.	Fencing Nets Made From Mono Filament Yarns And Combination Of Tape And Mono Filament Yarns	Retention of breaking strength after UV exposure	Clause 7.2 of IS 17358 Part 2:2020, IS 1969 (Part 1)
163.	Fencing Nets Made From Mono Filament Yarns And Combination Of Tape And Mono Filament Yarns	Colour fastness to artificial light	Clause 7.2 of IS 17358 Part 2:2020
164.	Fencing Nets Made From Mono Filament Yarns And Combination Of Tape And Mono Filament Yarns	Bursting pressure	Clause 7.2 of IS 17358 Part 2:2020, IS 1966 (Part 1), IS 1966 (Part 2)
165.	Fencing Nets Made From Mono Filament Yarns And Combination Of Tape And Mono Filament Yarns	Material	Clause 4 of IS 17358 Part 2:2020
166.	Fencing Nets Made From Mono Filament Yarns And	Manufacture (fabric and Eyelet)	Clause 5 of IS 17358 Part 2:2020

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile and Textile products		
	Combination Of Tape And Mono Filament Yarns		
167.	Fencing Nets Made From Mono Filament Yarns And Combination Of Tape And Mono Filament Yarns	Types	Clause 6 of IS 17358 Part 2:2020
168.	Fencing Nets Made From Mono Filament Yarns And Combination Of Tape And Mono Filament Yarns	Packing and marking	Clause 8 of IS 17358 Part 2:2020
169.	Fencing nets made from extruded polymer mesh	MATERIALS	Clause 4 of IS 17358 Part 1:2020
170.	Fencing nets made from extruded polymer mesh	MANUFACTURE	Clause 5 of IS 17358 Part 1:202
171.	Fencing nets made from extruded polymer mesh	TYPES	Clause 6 of IS 17358 Part 1:2020 Cl 4 of IS 2573:2023
172.	Fencing nets made from extruded polymer mesh	Packing and marking	Clause 8 of IS 17358 Part 1:2020
173.	Fencing nets made from extruded polymer mesh	Dimensions and mass	Clause 4,7 of IS 17358 Part 1:2020
174.	Fencing nets made from extruded polymer mesh	Mesh size, Thickness at joint Dimensions (length and width) Thickness at joint Filament thickness	Annex B, Clause 4, 7 of IS 17358 Part 1:2020, ISO 5084:1996 ,ISO 9073-2, ISO 16663-2

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile and Textile products		
175.	Fencing nets made from extruded polymer mesh	Tensile strength before UV exposure, Elongation before UV exposure, percent	Annex C, Clause 4,.7 of IS 17358 Part 1:2020
176.	Fencing nets made from extruded polymer mesh	Tensile strength after UV exposure	Annex D, Clause 4, 7 of IS 17358 Part 1:2020
177.	Textile Fabric & garment, Textile Products & Accessories	Colour Fastness to domestic & Commercial Laundering	ISO 105 C06:2010 ISO 105 C08:2010 ISO 105 C10:2010 ISO 105 C09:2010 AATCC TM61 :2022 SASO ISO 105 C06: 2010 BS EN ISO 105 C06: 2010 SASO ISO 105 C08:2010/: 2014 SASO ISO 105 C09: 2001/: 2006
178.	Textile Fabric & garment, Textile Products & Accessories	Wicking Testing	AATCC 197:2022
179.	High Density polyethylene (HDPE)/polypropylene (PP) woven sacks for packaging of 50 kg cement	MANUFACTURE	CI 4 of IS 11652:2017/RA 2022--A1 to A2:2024
180.	High Density polyethylene (HDPE)/polypropylene (PP)	Raw Material	CI 4.1 of IS 11652:2017/RA 2022--A1 to A2:2024

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile and Textile products		
	woven sacks for packaging of 50 kg cement		
181.	High Density polyethylene (HDPE)/polypropylene (PP) woven sacks for packaging of 50 kg cement	Fabric,width of tape	Cl 4.2 of IS 11652:2017/RA 2022--A1 to A2:2024
182.	High Density polyethylene (HDPE)/polypropylene (PP) woven sacks for packaging of 50 kg cement	Length of loom	Cl 4.3 of IS 11652:2017/RA 2022--A1 to A2:2024
183.	High Density polyethylene (HDPE)/polypropylene (PP) woven sacks for packaging of 50 kg cement	Seam	Cl 4.4 of IS 11652:2017/RA 2022--A1 to A2:2024
184.	High Density polyethylene (HDPE)/polypropylene (PP) woven sacks for packaging of 50 kg cement	Lamination	Cl 4.5 of IS 11652:2017/RA 2022--A1 to A2:2024
185.	High Density polyethylene (HDPE)/polypropylene (PP) woven sacks for packaging of 50 kg cement	Capacity	Cl 4.6 of IS 11652:2017/RA 2022--A1 to A2:2024
186.	High Density polyethylene (HDPE)/polypropylene (PP)	Valve for Filling of Sacks	Cl 4.7 of IS 11652:2017/RA 2022--A1 to A2:2024

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile and Textile products		
	woven sacks for packaging of 50 kg cement		
187.	High Density polyethylene (HDPE)/polypropylene (PP) woven sacks for packaging of 50 kg cement	Mass of Bale	Cl 5.1 of IS 11652:2017/RA 2022--A1 to A2:2024
188.	High Density polyethylene (HDPE)/polypropylene (PP) woven sacks for packaging of 50 kg cement	Dimensions	Table 1, Cl 4 of IS 11652:2017/RA 2022--A1 to A2:2024
189.	High Density polyethylene (HDPE)/polypropylene (PP) woven sacks for packaging of 50 kg cement	Ends per dm and Picks per dm	Table 1, Cl 4 of IS 11652:2017/RA 2022--A1 to A2:2024
190.	High Density polyethylene (HDPE)/polypropylene (PP) woven sacks for packaging of 50 kg cement	Mass of sack,	Table 1, Cl 4 of IS 11652:2017/RA 2022--A1 to A2:2024, IS 1964
191.	High Density polyethylene (HDPE)/polypropylene (PP) woven sacks for packaging of 50 kg cement	Average breaking strength	Cl 5.3 of IS 11652:2017/RA 2022--A1 to A2:2024
192.	High Density polyethylene (HDPE)/polypropylene (PP)	Breaking strength of top and bottom seam	Cl 5.3 of IS 11652:2017/RA 2022--A1 to A2:2024, IS 9030

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile and Textile products		
	woven sacks for packaging of 50 kg cement		
193.	High Density polyethylene (HDPE)/polypropylene (PP) woven sacks for packaging of 50 kg cement	Elongation at break	Cl 5.3 of IS 11652:2017/RA 2022--A1 to A2:2024
194.	High Density polyethylene (HDPE)/polypropylene (PP) woven sacks for packaging of 50 kg cement	Drop impact test	Cl 5.4 of IS 11652:2017/RA 2022--A1 to A2:2024
195.	High Density polyethylene (HDPE)/polypropylene (PP) woven sacks for packaging of 50 kg cement	UV Resistance (Breaking strength and Elongation)	Cl 5.6 of IS 11652:2017/RA 2022--A1 to A2:2024
196.	High Density polyethylene (HDPE)/polypropylene (PP) woven sacks for packaging of 50 kg cement	Packaging and marking	Cl 6 of IS 11652:2017/RA 2022--A1 to A2:2024
197.	High density polyethylene (HDPE)/polypropylene (pp) woven sacks for filling sand	Manufacture	Cl 3 of IS 14252:2015/RA 2020--A1 to A3:2021
198.	High density polyethylene (HDPE)/polypropylene (pp)	Raw Material	Cl 3.1 of IS 14252:2015/RA 2020--A1 to A3:2021

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EMC Testing and Compliance LLP

115, Pace City-1, Sector-37,
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QAI/CIA/TL/2024/0066

Valid from: 17 July 2024

*Scope Amended (w.e.f.): 16 Sep 2025

Valid until: 16 July 2026

Accreditation Standard: ISO/IEC 17025:2017

Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile and Textile products		
	woven sacks for filling sand		
199.	High density polyethylene (HDPE)/polypropylene (pp) woven sacks for filling sand	Tape width	CI 3.2 of IS 14252:2015/RA 2020--A1 to A3:2021
200.	High density polyethylene (HDPE)/polypropylene (pp) woven sacks for filling sand	Linear density	CI 3.2 of IS 14252:2015/RA 2020--A1 to A3:2021
201.	High density polyethylene (HDPE)/polypropylene (pp) woven sacks for filling sand	Tying Cord dia.	CI 3.3 of IS 14252:2015/RA 2020--A1 to A3:2021
202.	High density polyethylene (HDPE)/polypropylene (pp) woven sacks for filling sand	Length of loom	CI 3.4 of IS 14252:2015/RA 2020--A1 to A3:2021
203.	High density polyethylene (HDPE)/polypropylene (pp) woven sacks for filling sand	Seam	CI 3.4.1,3.4.2 of IS 14252:2015/RA 2020--A1 to A3:2021
204.	High density polyethylene (HDPE)/polypropylene (pp) woven sacks for filling sand	Mass of Bale	CI 4.2 of IS 14252:2015/RA 2020--A1 to A3:2021

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile and Textile products		
205.	High density polyethylene (HDPE)/polypropylene (pp) woven sacks for filling sand	Dimensions	Cl 4.1 of IS 14252:2015/RA 2020--A1 to A3:2021
206.	High density polyethylene (HDPE)/polypropylene (pp) woven sacks for filling sand	Ends per dm and Picks per dm	Cl 4.1 of IS 14252:2015/RA 2020--A1 to A3:2021
207.	High density polyethylene (HDPE)/polypropylene (pp) woven sacks for filling sand	Mass of sack,	Cl 4.1 of IS 14252:2015/RA 2020--A1 to A3:2021
208.	High density polyethylene (HDPE)/polypropylene (pp) woven sacks for filling sand	Average breaking strength	Cl 4.1 of IS 14252:2015/RA 2020--A1 to A3:2021
209.	High density polyethylene (HDPE)/polypropylene (pp) woven sacks for filling sand	Breaking strength of bottom seam	Cl 4.1 of IS 14252:2015/RA 2020--A1 to A3:2021
210.	High density polyethylene (HDPE)/polypropylene (pp) woven sacks for filling sand	Elongation at break	Cl 4.1 of IS 14252:2015/RA 2020--A1 to A3:2021
211.	High density polyethylene (HDPE)/polypropylene (pp)	(Breaking strength and Elongation) (UV Resistance)	Cl 4.1 of IS 14252:2015/RA 2020--A1 to A3:2021

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile and Textile products		
	woven sacks for filling sand		
212.	High density polyethylene (HDPE)/polypropylene (pp) woven sacks for filling sand	Packaging and marking	CI 5 of IS 14252:2015/RA 2020--A1 to A3:2021
213.	High density polyethylene (HDPE)/polypropylene (pp) woven sacks for packaging of 50 kg food grains	Manufacture	CI 3 of IS 14887-2014/Reaff2023-AMD3
214.	High density polyethylene (HDPE)/polypropylene (pp) woven sacks for packaging of 50 kg food grains	Raw Material	CI 3.1 of IS 14887-2014/Reaff2023-AMD3
215.	High density polyethylene (HDPE)/polypropylene (pp) woven sacks for packaging of 50 kg food grains	Tape width	CI 3.2 of IS 14887-2014/Reaff2023-AMD3
216.	High density polyethylene (HDPE)/polypropylene (pp) woven sacks for	Linear density	CI 3.2 of IS 14887-2014/Reaff2023-AMD3

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile and Textile products		
	packaging of 50 kg food grains		
217.	High density polyethylene (HDPE)/polypropylene (pp) woven sacks for packaging of 50 kg food grains	Length of loom	CI 3.3 of IS 14887-2014/Reaff2023-AMD3
218.	High density polyethylene (HDPE)/polypropylene (pp) woven sacks for packaging of 50 kg food grains	Seam and mouth opening	CI 3.3.1,3.3.2 of IS 14887-2014/Reaff2023-AMD3
219.	High density polyethylene (HDPE)/polypropylene (pp) woven sacks for packaging of 50 kg food grains	Capacity	CI 3.4 of IS 14887-2014/Reaff2023-AMD3
220.	High density polyethylene (HDPE)/polypropylene (pp) woven sacks for packaging of 50 kg food grains	Mass of Bale	CI 4.1 of IS 14887-2014/Reaff2023-AMD3
221.	High density polyethylene (HDPE)/polypropylene (pp)	Capacity	CI 3.4, 4.2 of IS 14887-2014/Reaff2023-AMD3

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile and Textile products		
	woven sacks for packaging of 50 kg food grains		
222.	High density polyethylene (HDPE)/polypropylene (pp) woven sacks for packaging of 50 kg food grains	Dimensions	CI 4.2 of IS 14887-2014/Reaff2023-AMD3
223.	High density polyethylene (HDPE)/polypropylene (pp) woven sacks for packaging of 50 kg food grains	Ends per dm and Picks per dm	CI 4.2 of IS 14887-2014/Reaff2023-AMD3
224.	High density polyethylene (HDPE)/polypropylene (pp) woven sacks for packaging of 50 kg food grains	Mass of sack	CI 4.2 of IS 14887-2014/Reaff2023-AMD3
225.	High density polyethylene (HDPE)/polypropylene (pp) woven sacks for packaging of 50 kg food grains	Average breaking strength	CI 4.2 of IS 14887-2014/Reaff2023-AMD3

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile and Textile products		
226.	High density polyethylene (HDPE)/polypropylene (pp) woven sacks for packaging of 50 kg food grains	Breaking strength of bottom seam	CI 4.2 of IS 14887-2014/Reaff2023-AMD3
227.	High density polyethylene (HDPE)/polypropylene (pp) woven sacks for packaging of 50 kg food grains	Elongation at break	CI 4.2 of IS 14887-2014/Reaff2023-AMD3
228.	High density polyethylene (HDPE)/polypropylene (pp) woven sacks for packaging of 50 kg food grains	Ash content,	CI 4.2 of IS 14887-2014/Reaff2023-AMD3
229.	High density polyethylene (HDPE)/polypropylene (pp) woven sacks for packaging of 50 kg food grains	(Breaking strength and Elongation) (UV Resistance)	CI 4.2 of IS 14887-2014/Reaff2023-AMD3
230.	High density polyethylene (HDPE)/polypropylene (pp) woven sacks for	PACKAGING AND MARKING	CI 5.2 and 5.3 of IS 14887-2014/ Reaff2023-AMD3

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile and Textile products		
	packaging of 50 kg food grains		
231.	High Density Polyethylene (HDPE)/Polypropylene (PP) Woven Sacks for Packaging 50 kg/25 kg Sugar	Types	Cl 3 of IS 14968-2015/Reaff2020-AMD4:2022
232.	High Density Polyethylene (HDPE)/Polypropylene (PP) Woven Sacks for Packaging 50 kg/25 kg Sugar	Raw Material	Cl 4.1 of IS 14968-2015/Reaff2020-AMD4:2022
233.	High Density Polyethylene (HDPE)/Polypropylene (PP) Woven Sacks for Packaging 50 kg/25 kg Sugar	Tape width	Cl 4.2 of IS 14968-2015/Reaff2020-AMD4:2022
234.	High Density Polyethylene (HDPE)/Polypropylene (PP) Woven Sacks for Packaging 50 kg/25 kg Sugar	Linear density	Cl 4.2 of IS 14968-2015/Reaff2020-AMD4:2022
235.	High Density Polyethylene (HDPE)/Polypropylene (PP) Woven Sacks for Packaging 50 kg/25 kg Sugar	Length of loom	Cl 4.3,4.3.1 of IS 14968-2015/Reaff2020-AMD4:2022
236.	High Density Polyethylene (HDPE)/Polypropylene (PP) Woven Sacks for Packaging 50 kg/25 kg Sugar	Bottom seam and mouth opening	Cl 4.3.2 of IS 14968-2015/Reaff2020-AMD4:2022

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile and Textile products		
237.	High Density Polyethylene (HDPE)/Polypropylene (PP) Woven Sacks for Packaging 50 kg/25 kg Sugar	Liner (mass, pin hole)	CI 4.4, 4.4.1 of IS 14968-2015/Reaff2020-AMD4:2022
238.	High Density Polyethylene (HDPE)/Polypropylene (PP) Woven Sacks for Packaging 50 kg/25 kg Sugar	MANUFACTURE	CI 4 of IS 14968-2015/Reaff2020-AMD4:2022
239.	High Density Polyethylene (HDPE)/Polypropylene (PP) Woven Sacks for Packaging 50 kg/25 kg Sugar	Mass of Bale	CI 5.1 of IS 14968-2015/Reaff2020-AMD4:2022
240.	High Density Polyethylene (HDPE)/Polypropylene (PP) Woven Sacks for Packaging 50 kg/25 kg Sugar	Capacity	CI 4.5 of IS 14968-2015/Reaff2020-AMD4:2022
241.	High Density Polyethylene (HDPE)/Polypropylene (PP) Woven Sacks for Packaging 50 kg/25 kg Sugar	Dimensions	CI 5.1 ,5.2 of IS 14968-2015/Reaff2020-AMD4:2022
242.	High Density Polyethylene (HDPE)/Polypropylene (PP) Woven Sacks for Packaging 50 kg/25 kg Sugar	Ends per dm and Picks per dm	CI 5.1 ,5.2 of IS 14968-2015/Reaff2020-AMD4:2022
243.	High Density Polyethylene (HDPE)/Polypropylene	Mass of sack,	CI 5.1 ,5.2 of IS 14968-2015/Reaff2020-AMD4:2022

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile and Textile products		
	(PP) Woven Sacks for Packaging 50 kg/25 kg Sugar		
244.	High Density Polyethylene (HDPE)/Polypropylene (PP) Woven Sacks for Packaging 50 kg/25 kg Sugar	Average breaking strength	CI 5.1 ,5.2 of IS 14968-2015/Reaff2020-AMD4:2022
245.	High Density Polyethylene (HDPE)/Polypropylene (PP) Woven Sacks for Packaging 50 kg/25 kg Sugar	Breaking strength of bottom seam	CI 5.1 ,5.2 of IS 14968-2015/Reaff2020-AMD4:2022
246.	High Density Polyethylene (HDPE)/Polypropylene (PP) Woven Sacks for Packaging 50 kg/25 kg Sugar	Elongation at break	CI 5.1 ,5.2 of IS 14968-2015/Reaff2020-AMD4:2022
247.	High Density Polyethylene (HDPE)/Polypropylene (PP) Woven Sacks for Packaging 50 kg/25 kg Sugar	Ash content,	CI 5.1 ,5.2 of IS 14968-2015/Reaff2020-AMD4:2022
248.	High Density Polyethylene (HDPE)/Polypropylene (PP) Woven Sacks for Packaging 50 kg/25 kg Sugar	(Breaking strength and Elongation) (UV Resistance)	CI 6.2,6.3 of IS 14968-2015/Reaff2020-AMD4:2022
249.	High Density Polyethylene (HDPE)/Polypropylene (PP) Woven Sacks for Packaging 50 kg/25 kg Sugar	PACKAGING AND MARKING	CI 6.2 ,6.3 of IS 14968-2015/Reaff2020-AMD4:2022

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile and Textile products		
250.	High Density Polyethylene (HDPE)/Polypropylene (PP) Woven Sacks for Packaging 10 kg, 15 kg, 20 kg, 25 kg and 30 kg Foodgrains	Types	CI 3 of IS 16208-2015/Reaff2020-AMD3:2021
251.	High Density Polyethylene (HDPE)/Polypropylene (PP) Woven Sacks for Packaging 10 kg, 15 kg, 20 kg, 25 kg and 30 kg Foodgrains	MANUFACTURE	CI 4 of IS 16208-2015/Reaff2020-AMD3:2021
252.	High Density Polyethylene (HDPE)/Polypropylene (PP) Woven Sacks for Packaging 10 kg, 15 kg, 20 kg, 25 kg and 30 kg Foodgrains	Raw Material	CI 4.1 of IS 16208-2015/Reaff2020-AMD3:2021
253.	High Density Polyethylene (HDPE)/Polypropylene (PP) Woven Sacks for Packaging 10 kg, 15 kg, 20 kg, 25 kg and 30 kg Foodgrains	Tape width	CI 4.2 of IS 16208-2015/Reaff2020-AMD3:2021
254.	High Density Polyethylene (HDPE)/Polypropylene (PP) Woven Sacks for Packaging 10 kg, 15 kg, 20 kg, 25 kg and 30 kg Foodgrains	Linear density	CI 4.2 of IS 16208-2015/Reaff2020-AMD3:2021

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile and Textile products		
255.	High Density Polyethylene (HDPE)/Polypropylene (PP) Woven Sacks for Packaging 10 kg, 15 kg, 20 kg, 25 kg and 30 kg Foodgrains	Length of loom	CI 4.3 of IS 16208-2015/Reaff2020-AMD3:2021
256.	High Density Polyethylene (HDPE)/Polypropylene (PP) Woven Sacks for Packaging 10 kg, 15 kg, 20 kg, 25 kg and 30 kg Foodgrains	Bottom seam and mouth opening	CI 4.3.1,4.3.2 of IS 16208-2015/Reaff2020-AMD3:2021
257.	High Density Polyethylene (HDPE)/Polypropylene (PP) Woven Sacks for Packaging 10 kg, 15 kg, 20 kg, 25 kg and 30 kg Foodgrains	Mass of Bale	CI 5.1 of IS 16208-2015/Reaff2020-AMD3:2021
258.	High Density Polyethylene (HDPE)/Polypropylene (PP) Woven Sacks for Packaging 10 kg, 15 kg, 20 kg, 25 kg and 30 kg Foodgrains	Capacity	CI 4 .4 of IS 16208-2015/Reaff2020-AMD3:2021
259.	High Density Polyethylene (HDPE)/Polypropylene (PP) Woven Sacks for Packaging 10 kg, 15 kg, 20 kg, 25 kg and 30 kg Foodgrains	Dimensions	CI 5.1 ,5.2 of IS 16208-2015/Reaff2020-AMD3:2021

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile and Textile products		
260.	High Density Polyethylene (HDPE)/Polypropylene (PP) Woven Sacks for Packaging 10 kg, 15 kg, 20 kg, 25 kg and 30 kg Foodgrains	Ends per dm and Picks per dm	CI 5.1 ,5.2 of IS 16208-2015/Reaff2020-AMD3:2021
261.	High Density Polyethylene (HDPE)/Polypropylene (PP) Woven Sacks for Packaging 10 kg, 15 kg, 20 kg, 25 kg and 30 kg Foodgrains	Mass of sack,	CI 5.1 ,5.2 of IS 16208-2015/Reaff2020-AMD3:2021
262.	High Density Polyethylene (HDPE)/Polypropylene (PP) Woven Sacks for Packaging 10 kg, 15 kg, 20 kg, 25 kg and 30 kg Foodgrains	Average breaking strength	CI 5.1 ,5.2 of IS 16208-2015/Reaff2020-AMD3:2021
263.	High Density Polyethylene (HDPE)/Polypropylene (PP) Woven Sacks for Packaging 10 kg, 15 kg, 20 kg, 25 kg and 30 kg Foodgrains	Elongation at break	CI 5.1 ,5.2 of IS 16208-2015/Reaff2020-AMD3:2021
264.	High Density Polyethylene (HDPE)/Polypropylene (PP) Woven Sacks for Packaging 10 kg, 15 kg, 20 kg, 25 kg and 30 kg Foodgrains	(Breaking strength and Elongation) (UV Resistance)	CI 5.1 ,5.2 of IS 16208-2015/Reaff2020-AMD3:2021

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile and Textile products		
265.	High Density Polyethylene (HDPE)/Polypropylene (PP) Woven Sacks for Packaging 10 kg, 15 kg, 20 kg, 25 kg and 30 kg Foodgrains	PACKAGING AND MARKING	CI 6.2, 6.3 of IS 16208-2015/Reaff2020-AMD3:2021
266.	Monoaxially oriented high density polyethylene (HDPE) and polypropylene (pp) tapes	MATERIAL AND MANUFACTURE	CI 4.1, 4.2 4.3 of IS 6192:2023
267.	Monoaxially oriented high density polyethylene (HDPE) and polypropylene (pp) tapes	Tape width	CI 5.1,5.1.1 of IS 6192:2023
268.	Monoaxially oriented high density polyethylene (HDPE) and polypropylene (pp) tapes	Thickness of the tape	CI 5.1,5.1.2 of IS 6192:2023,
269.	Monoaxially oriented high density polyethylene (HDPE) and polypropylene (pp) tapes	Linear density	CI 5.1,5.1.3 of IS 6192:2023
270.	Monoaxially oriented high density polyethylene (HDPE) and polypropylene (pp) tapes	Average tenacity	CI 5.1,5.1.4 of IS 6192:2023
271.	Monoaxially oriented high density polyethylene (HDPE) and polypropylene (pp) tapes	Average value of the elongation at break	CI 5.1,5.1.5 of IS 6192:2023
272.	Monoaxially oriented high density polyethylene (HDPE) and polypropylene (pp) tapes	(Breaking strength and Elongation) (UV Resistance)	CI 5.1,5.1.6 of IS 6192:2023

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile and Textile products		
273.	Monoaxially oriented high density polyethylene (HDPE) and polypropylene (pp) tapes	Average heat shrinkage	CI 5.1,5.1.7 of IS 6192:2023
274.	Monoaxially oriented high density polyethylene (HDPE) and polypropylene (pp) tapes	Ash content,	CI 5.1,5.1.8 of IS 6192:2023
275.	Monoaxially oriented high density polyethylene (HDPE) and polypropylene (pp) tapes	PACKAGING AND MARKING	CI 6 of IS 6192:2023
276.	Textile and Textile products	Slide Fasteners (Zipper) Tests: Bottom Stop Holding Stringer	EN 16732: 2015, ASTM D 2061: 2013, ASTM D2062: 2014, BS 3084: 2006
277.	Textile and Textile products	Slide Fasteners (Zipper) Tests: Chain Crosswise Strength	EN 16732: 2015, ASTM D 2061: 2013, ASTM D2062: 2014, BS 3084: 2006
278.	Textile and Textile products	Slide Fasteners (Zipper) Tests: Closed end Strength	EN 16732: 2015, ASTM D 2061: 2013, ASTM D2062: 2014, BS 3084: 2006
279.	Textile and Textile products	Slide Fasteners (Zipper) Tests: Element Pull of strength	EN 16732: 2015, ASTM D 2061: 2013, ASTM D2062: 2014, BS 3084: 2006
280.	Textile and Textile products	Slide Fasteners (Zipper) Tests: Lateral Strength of fastener	EN 16732: 2015, ASTM D 2061: 2013, ASTM D2062: 2014, BS 3084: 2006

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile and Textile products		
281.	Textile and Textile products	Slide Fasteners (Zipper) Tests: pull-of strength	EN 16732: 2015, ASTM D 2061: 2013, ASTM D2062: 2014, BS 3084: 2006
282.	Textile and Textile products	Slide Fasteners (Zipper) Tests: Puler attachment Strength	EN 16732: 2015, ASTM D 2061: 2013, ASTM D2062: 2014, BS 3084: 2006
283.	Textile and Textile products	Slide Fasteners (Zipper) Tests: Reciprocating Strength	EN 16732: 2015, ASTM D 2061: 2013, ASTM D2062: 2014, BS 3084: 2006
284.	Textile and Textile products	Slide Fasteners (Zipper) Tests: Separation Strength	EN 16732: 2015, ASTM D 20161: 2013, ASTM D2062: 2014, BS 3084: 2006
285.	Textile and Textile products	Slide Fasteners (Zipper) Tests: Top Stop Strength	EN 16732: 2015, ASTM D 2061: 2013, ASTM D2062: 2014, BS 3084: 2006
286.	Textile and Textile products	Determination of number of threads per unit length	ISO 7211-2
287.	Textile and Textile products	Determination of the mass	ISO 7211-6, ISO 8543
288.	Textile and Textile products	Determination of mass	ISO 9073-1
289.	Textile and Textile products	Determination of tensile strength and elongation	ISO 9073-3
290.	Textile and Textile products	Determination of tear resistance	ISO 9073-4, ISO 13937-3, ISO 13937-4

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile and Textile products		
291.	Textile and Textile products	Absorption	ISO 9073-6
292.	Textile and Textile products	Determination of fabric propensity to surface fuzzing and to pilling	ISO 12945-2, ISO 12945 PART 4 ISO 12947-1, IS 10971/RA2021 ISO 12947-2, ISO 12947-3, ISO 12947-4
293.	Light weight jute sacking bags for packing 50 kg foodgrains	Fabric (construction-Type 1, Type 2)	4.1 of IS 16186:2014/RA2023-Amd3:2024, IS 9113
294.	Light weight jute sacking bags for packing 50 kg foodgrains	Seam (construction)	4.2 of IS 16186:2014/RA2023-Amd3:2024, IS 9113
295.	Light weight jute sacking bags for packing 50 kg foodgrains	Safety Stitch (construction)	4.3 of IS 16186:2014/RA2023-Amd3:2024, IS 9113
296.	Light weight jute sacking bags for packing 50 kg foodgrains	Hemming at the Mouth	4.4 of IS 16186:2014/RA2023-Amd3:2024, IS 9113
297.	Light weight jute sacking bags for packing 50 kg foodgrains	Freedom from Defects	4.5 of IS 16186:2014/RA2023-Amd3:2024, IS 9113
298.	Light weight jute sacking bags for packing 50 kg foodgrains	Dimensions (Outside length and width)	CI 4.1 and 5.1 of IS 16186:2014/RA2023-Amd3:2024, IS 9113
299.	Light weight jute sacking bags for packing 50 kg foodgrains	Ends/dm	CI 4.1 and 5.1 of IS 16186:2014/RA2023-Amd3:2024, IS 9113
300.	Light weight jute sacking bags for packing 50 kg foodgrains	Picks/dm	CI 4.1 and 5.1 of IS 16186:2014/RA2023-Amd3:2024, IS 9113
301.	Light weight jute sacking bags for packing 50 kg foodgrains	Corrected mass/bag,	CI 4.1 and 5.1 of IS 16186:2014/RA2023-Amd3:2024, IS 9113
302.	Light weight jute sacking bags for packing 50 kg foodgrains	Average breaking strength of sacking	CI 4.1 and 5.1 of IS 16186:2014/RA2023-Amd3:2024, IS 9113

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile and Textile products		
303.	Light weight jute sacking bags for packing 50 kg foodgrains	Average seam strength	CI 4.1 and 5.1 of IS 16186:2014/RA2023-Amd3:2024,IS 9113
304.	Light weight jute sacking bags for packing 50 kg foodgrains	Moisture regain	CI 4.1 and 5.1 of IS 16186:2014/RA2023-Amd3:2024,IS 9113
305.	Light weight jute sacking bags for packing 50 kg foodgrains	Total number of bags per bale	CI 5.2 of IS 16186:2014/RA2023-Amd3:2024,IS 9113
306.	Light weight jute sacking bags for packing 50 kg foodgrains	Number of bags per bundle	CI 5.2 of IS 16186:2014/RA2023-Amd3:2024,IS 9113
307.	Light weight jute sacking bags for packing 50 kg foodgrains	Contract mass of a bale	CI 5.2 of IS 16186:2014/RA2023-Amd3:2024,IS 9113
308.	Light weight jute sacking bags for packing 50 kg foodgrains	Corrected net mass of a bale	CI 5.2 of IS 16186:2014/RA2023-Amd3:2024,IS 9113
309.	Light weight jute sacking bags for Packing 50 kg foodgrains	Number of joined bags per bundle	CI 5.2 of IS 16186:2014/RA2023-Amd3:2024,IS 9113
310.	Light weight jute sacking bags for packing 50 kg foodgrains	Contract moisture regain	CI 5.3 of IS 16186:2014/RA2023-Amd3:2024,IS 9113
311.	Light weight jute sacking bags for packing 50 kg foodgrains	Marking and packaging	CI 7 and 6 of IS 16186:2014/RA2023-Amd3:2024,IS 9113
312.	High density polyethylene (HDPE)/ polypropylene (pp) leno woven sacks for packaging and storage of fruits and vegetables	Manufacture (Raw Material)	CI 3.1 of IS 16187:2014/RA2023-Amd 1:2023
313.	High density polyethylene (HDPE)/ polypropylene (pp) leno woven sacks for	Tape width	CI 3.2 of IS 16187:2014/RA2023-Amd 1:2023

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile and Textile products		
	packaging and storage of fruits and vegetables		
314.	High density polyethylene (HDPE)/ polypropylene (pp) leno woven sacks for packaging and storage of fruits and vegetables	Linear density	Cl 3.2 of IS 16187:2014/RA2023-Amd 1:2023
315.	High density polyethylene (HDPE)/ polypropylene (pp) leno woven sacks for packaging and storage of fruits and vegetables	Seam and stitching thread -Sack	cl 3.3.1,3.3.2 of IS 16187:2014/RA2023-Amd 1:2023
316.	High density polyethylene (HDPE)/ polypropylene (pp) leno woven sacks for packaging and storage of fruits and vegetables	Bag open mouth	Cl3.3.3 of IS 16187:2014/RA2023-Amd 1:2023
317.	High density polyethylene (HDPE)/ polypropylene (pp) leno woven sacks for packaging and storage of fruits and vegetables	Capacity	Cl 3.3.4 of IS 16187:2014/RA2023-Amd 1:2023
318.	High density polyethylene (HDPE)/ polypropylene (pp) leno woven sacks for	Dimensions	Cl 3.3.4 of IS 16187:2014/RA2023-Amd 1:2023

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile and Textile products		
	packaging and storage of fruits and vegetables		
319.	High density polyethylene (HDPE)/ polypropylene (pp) leno woven sacks for packaging and storage of fruits and vegetables	Ends per dm and Picks per dm	CI 4.1 of IS 16187:2014/RA2023-Amd 1:2023
320.	High density polyethylene (HDPE)/ polypropylene (pp) leno woven sacks for packaging and storage of fruits and vegetables	Mass of fabric	CI 4.1 of IS 16187:2014/RA2023-Amd 1:2023
321.	High density polyethylene (HDPE)/ polypropylene (pp) leno woven sacks for packaging and storage of fruits and vegetables	Average breaking strength	CI 4.1 of IS 16187:2014/RA2023-Amd 1:2023
322.	High density polyethylene (HDPE)/ polypropylene (pp) leno woven sacks for packaging and storage of fruits and vegetables	(Breaking strength and Elongation) (UV Resistance)	CI 4.2 of IS 16187:2014/RA2023-Amd 1:2023
323.	High density polyethylene (HDPE)/ polypropylene (pp) leno woven sacks for	PACKAGING AND MARKING	CI 5.2,5.3 of IS 16187:2014/RA2023-Amd 1:2023

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile and Textile products		
	packaging and storage of fruits and vegetables		
324.	High density polyethylene (HDPE) woven sacks for packing flour	MANUFACTURE (fabric)	CI 2.1 of IS 12100:1987/RA2020-AMD 1
325.	High density polyethylene (HDPE) woven sacks for packing flour	Tape width	CI 2.1 of IS 12100:1987/RA2020-AMD 1
326.	High density polyethylene (HDPE) woven sacks for packing flour	Linear density	CI 2.1 of IS 12100:1987/RA2020-AMD 1
327.	High density polyethylene (HDPE) woven sacks for packing flour	Lamination of sack	CI 2.3,2.3.1,2.3.2 of IS 12100:1987/RA2020-AMD 1
328.	High density polyethylene (HDPE) woven sacks for packing flour	seam and stitching thread -Sack	CI 2.4,2.4.1 of IS 12100:1987/RA2020-AMD 1
329.	High density polyethylene (HDPE) woven sacks for packing flour	Bag open mouth	CI 2.5 of IS 12100:1987/RA2020-AMD 1
330.	High density polyethylene (HDPE) woven sacks for packing flour	Capacity	CI 2.6 of IS 12100:1987/RA2020-AMD 1
331.	High density polyethylene (HDPE) woven sacks for packing flour	Dimensions	CI 3.2 of IS 12100:1987/RA2020-AMD 1

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile and Textile products		
332.	High density polyethylene (HDPE) woven sacks for packing flour	Mass of fabric	CI 3.3 of IS 12100:1987/RA2020-AMD 1
333.	High density polyethylene (HDPE) woven sacks for packing flour	Average breaking strength	CI 3.1 of IS 12100:1987/RA2020-AMD 1
334.	High density polyethylene (HDPE) woven sacks for packing flour	Seam breaking strength	CI 3.1 of IS 12100:1987/RA2020-AMD 1
335.	High density polyethylene (HDPE) woven sacks for packing flour	Packaging and marking	CI 4.1,4.2 of IS 12100:1987/RA2020-AMD 1
336.	High Density Polyethylene (HDPE)/Polypropylene (PP) Woven Sacks for Packing of Solid Ammonium Nitrate for Explosives	Types	CI 3 of IS 16581:2018/RA:2023
337.	High Density Polyethylene (HDPE)/Polypropylene (PP) Woven Sacks for Packing of Solid Ammonium Nitrate for Explosives	Manufacture	CI 4 of IS 16581:2018/RA:2023
338.	High Density Polyethylene (HDPE)/Polypropylene (PP) Woven Sacks for Packing of	Raw Material	CI 4.1 of IS 16581:2018/RA:2023

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile and Textile products		
	Solid Ammonium Nitrate for Explosives		
339.	High Density Polyethylene (HDPE)/Polypropylene (PP) Woven Sacks for Packing of Solid Ammonium Nitrate for Explosives	Tape width	CI 4.2 of IS 16581:2018/RA:2023
340.	High Density Polyethylene (HDPE)/Polypropylene (PP) Woven Sacks for Packing of Solid Ammonium Nitrate for Explosives	Linear density	CI 4.2 of IS 16581:2018/RA:2023
341.	High Density Polyethylene (HDPE)/Polypropylene (PP) Woven Sacks for Packing of Solid Ammonium Nitrate for Explosives	Length of loom	CI 4.3,4.3.1 of IS 16581:2018/RA:2023
342.	High Density Polyethylene (HDPE)/Polypropylene (PP) Woven Sacks for Packing of Solid Ammonium Nitrate for Explosives	mouth opening	CI 4.7 of IS 16581:2018/RA:2023
343.	High Density Polyethylene (HDPE)/Polypropylene (PP) Woven Sacks for Packing of	Liner (mass, pin hole)	CI 4.4,4.4.1,4.4.2 of IS 16581:2018/RA:2023

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile and Textile products		
	Solid Ammonium Nitrate for Explosives		
344.	High Density Polyethylene (HDPE)/Polypropylene (PP) Woven Sacks for Packing of Solid Ammonium Nitrate for Explosives	Lamination of sack	CI 4.5,4.5.1 of IS 16581:2018/RA:2023
345.	High Density Polyethylene (HDPE)/Polypropylene (PP) Woven Sacks for Packing of Solid Ammonium Nitrate for Explosives	seam and stitching thread -Sack	CI 4.6,4.6.1 of IS 16581:2018/RA:2023
346.	High Density Polyethylene (HDPE)/Polypropylene (PP) Woven Sacks for Packing of Solid Ammonium Nitrate for Explosives	Mass of Bale	CI 5.2 of IS 16581:2018/RA:2023
347.	High Density Polyethylene (HDPE)/Polypropylene (PP) Woven Sacks for Packing of Solid Ammonium Nitrate for Explosives	Capacity	CI 4.8 of IS 16581:2018/RA:2023
348.	High Density Polyethylene (HDPE)/Polypropylene (PP) Woven Sacks for Packing of	Dimensions	CI 5.1 of IS 16581:2018/RA:2023

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile and Textile products		
	Solid Ammonium Nitrate for Explosives		
349.	High Density Polyethylene (HDPE)/Polypropylene (PP) Woven Sacks for Packing of Solid Ammonium Nitrate for Explosives	Ends per dm and Picks per dm	CI 4.3.1, 5.1 of IS 16581:2018/RA:2023
350.	High Density Polyethylene (HDPE)/Polypropylene (PP) Woven Sacks for Packing of Solid Ammonium Nitrate for Explosives	Mass of Fabric,	CI 5.1 of IS 16581:2018/RA:2023
351.	High Density Polyethylene (HDPE)/Polypropylene (PP) Woven Sacks for Packing of Solid Ammonium Nitrate for Explosives	Average breaking strength	CI 5.1 of IS 16581:2018/RA:2023
352.	High Density Polyethylene (HDPE)/Polypropylene (PP) Woven Sacks for Packing of Solid Ammonium Nitrate for Explosives	Breaking strength of bottom seam	CI 5.1 of IS 16581:2018/RA:2023
353.	High Density Polyethylene (HDPE)/Polypropylene (PP) Woven Sacks for Packing of	Elongation at break	CI 5.1 of IS 16581:2018/RA:2023

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile and Textile products		
	Solid Ammonium Nitrate for Explosives		
354.	High Density Polyethylene (HDPE)/Polypropylene (PP) Woven Sacks for Packing of Solid Ammonium Nitrate for Explosives	Packaging and marking	CI 6.2, 6.3 of IS 16581:2018/RA:2023
355.	High density polyethylene (HDPE)/polypropylene (pp) woven sacks for packaging of 25 kg polymer materials	Manufacture	CI 4 of IS 16703:2017/RA:2022-AMD-3:2024
356.	High density polyethylene (HDPE)/polypropylene (pp) woven sacks for packaging of 25 kg polymer materials	Raw Material	CI 4.1 of IS 16703:2017/RA:2022-AMD-3:2024
357.	High density polyethylene (HDPE)/polypropylene (pp) woven sacks for packaging of 25 kg polymer materials	Fabric, width of tape	CI 4.2 of IS 16703:2017/RA:2022-AMD-3:2024
358.	High density polyethylene (HDPE)/polypropylene (pp) woven sacks for	Length of loom	CI 4.2 of IS 16703:2017/RA:2022-AMD-3:2024

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile and Textile products		
	packaging of 25 kg polymer materials		
359.	High density polyethylene (HDPE)/polypropylene (pp) woven sacks for packaging of 25 kg polymer materials	Sack-Bottom Seam	CI 4.3, 4.3.1 of IS 16703:2017/RA:2022-AMD-3:2024
360.	High density polyethylene (HDPE)/polypropylene (pp) woven sacks for packaging of 25 kg polymer materials	Lamination	CI 4.4 of IS 16703:2017/RA:2022-AMD-3:2024
361.	High density polyethylene (HDPE)/polypropylene (pp) woven sacks for packaging of 25 kg polymer materials	Liner (mass, pin hole)	CI 4.5 of IS 16703:2017/RA:2022-AMD-3:2024
362.	High density polyethylene (HDPE)/polypropylene (pp) woven sacks for packaging of 25 kg polymer materials	Capacity	CI 4.6 of IS 16703:2017/RA:2022-AMD-3:2024
363.	High density polyethylene (HDPE)/polypropylene (pp) woven sacks for	Mass of Bale	CI 5.1 of IS 16703:2017/RA:2022-AMD-3:2024

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile and Textile products		
	packaging of 25 kg polymer materials		
364.	High density polyethylene (HDPE)/polypropylene (pp) woven sacks for packaging of 25 kg polymer materials	Dimensions	CI 5.2 of IS 16703:2017/RA:2022-AMD-3:2024
365.	High density polyethylene (HDPE)/polypropylene (pp) woven sacks for packaging of 25 kg polymer materials	Ends per dm and Picks per dm	CI 5.2 of IS 16703:2017/RA:2022-AMD-3:2024
366.	High density polyethylene (HDPE)/polypropylene (pp) woven sacks for packaging of 25 kg polymer materials	Mass of sack,	CI 5.2 of IS 16703:2017/RA:2022-AMD-3:2024
367.	High density polyethylene (HDPE)/polypropylene (pp) woven sacks for packaging of 25 kg polymer materials	Average breaking strength	CI 5.2 of IS 16703:2017/RA:2022-AMD-3:2024
368.	High density polyethylene (HDPE)/polypropylene (pp) woven sacks for	Breaking strength of bottom seam	CI 5.2 of IS 16703:2017/RA:2022-AMD-3:2024

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile and Textile products		
	packaging of 25 kg polymer materials		
369.	High density polyethylene (HDPE)/polypropylene (pp) woven sacks for packaging of 25 kg polymer materials	Elongation at break	CI 5.2 of IS 16703:2017/RA:2022-AMD-3:2024
370.	High density polyethylene (HDPE)/polypropylene (pp) woven sacks for packaging of 25 kg polymer materials	Drop impact strength	CI 5.3 of IS 16703:2017/RA:2022-AMD-3:2024
371.	High density polyethylene (HDPE)/polypropylene (pp) woven sacks for packaging of 25 kg polymer materials	Ash content,	CI 5.4 of IS 16703:2017/RA:2022-AMD-3:2024
372.	High density polyethylene (HDPE)/polypropylene (pp) woven sacks for packaging of 25 kg polymer materials	UV Resistance (Breaking strength and Elongation)	CI 5.5 of IS 16703:2017/RA:2022-AMD-3:2024
373.	High density polyethylene (HDPE)/polypropylene (pp) woven sacks for	Packaging and marking	CI 6.2, 6.3 of IS 16703:2017/RA:2022-AMD-3:2024

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile and Textile products		
	packaging of 25 kg polymer materials		
374.	Polypropylene (PP) Woven, Laminated, Block Bottom, Valve Sacks for Packaging of 50 kg Cement	Manufacture	CI 5 of IS 16709:2017/RA2022-AMD2:2023
375.	Polypropylene (PP) Woven, Laminated, Block Bottom Valve Sacks for Packaging of 50 kg Cement	Raw Material	CI 5.1 of IS 16709:2017/RA2022-AMD2:2023
376.	Polypropylene (PP) Woven, Laminated, Block Bottom Valve Sacks for Packaging of 50 kg Cement	Fabric, width of tape,	CI 5.2 of IS 16709:2017/RA2022-AMD2:2023
377.	Polypropylene (PP) Woven, Laminated, Block Bottom Valve Sacks for Packaging of 50 kg Cement	Length of loom	CI 5.2 of IS 16709:2017/RA2022-AMD2:2023
378.	Polypropylene (PP) Woven, Laminated, Block Bottom Valve Sacks for Packaging of 50 kg Cement	Sack (Top and Bottom Closures, Filling Valve for Sacks)	CI 5.3, 5.3.1, 5.3.2 of IS 16709:2017/RA2022-AMD2:2023
379.	Polypropylene (PP) Woven, Laminated, Block Bottom Valve Sacks for Packaging of 50 kg Cement	Lamination	CI 5.4 of IS 16709:2017/RA2022-AMD2:2023

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile and Textile products		
380.	Polypropylene (PP) Woven, Laminated, Block Bottom Valve Sacks for Packaging of 50 kg Cement	Perforation	CI 5.5 of IS 16709:2017/RA2022-AMD2:2023
381.	Polypropylene (PP) Woven, Laminated, Block Bottom Valve Sacks for Packaging of 50 kg Cement	Capacity	CI 5.6 of IS 16709:2017/RA2022-AMD2:2023
382.	Polypropylene (PP) Woven, Laminated, Block Bottom Valve Sacks for Packaging of 50 kg Cement	Mass of Bale	CI 6.1 of IS 16709:2017/RA2022-AMD2:2023
383.	Polypropylene (PP) Woven, Laminated, Block Bottom Valve Sacks for Packaging of 50 kg Cement	Dimensions	CI 4.1, 4.1.1, 4.1.2, 4.1.3, 4.1.4, 4.1.5, 4.1.6, 4.1.7, 4.1.8 of IS 16709:2017/RA2022-AMD2:2023
384.	Polypropylene (PP) Woven, Laminated, Block Bottom Valve Sacks for Packaging of 50 kg Cement	Ends per dm and Picks per dm	CI 5.2 of IS 16709:2017/RA2022-AMD2:2023
385.	Polypropylene (PP) Woven, Laminated, Block Bottom Valve Sacks for Packaging of 50 kg Cement	Mass of sack,	CI 5.3 of IS 16709:2017/RA2022-AMD2:2023

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile and Textile products		
386.	Polypropylene (PP) Woven, Laminated, Block Bottom Valve Sacks for Packaging of 50 kg Cement	Average breaking strength	CI CI CI 6.2 of IS 16709:2017/RA2022-AMD2:2023
387.	Polypropylene (PP) Woven, Laminated, Block Bottom Valve Sacks for Packaging of 50 kg Cement	Weld strength of top and bottom closure	CI 6.2 of IS 16709:2017/RA2022-AMD2:2023
388.	Polypropylene (PP) Woven, Laminated, Block Bottom Valve Sacks for Packaging of 50 kg Cement	Elongation at break	CI 6.2 of IS 16709:2017/RA2022-AMD2:2023
389.	Polypropylene (PP) Woven, Laminated, Block Bottom Valve Sacks for Packaging of 50 kg Cement	Drop impact strength	CI 6.3 of IS 16709:2017/RA2022-AMD2:2023
390.	Polypropylene (PP) Woven, Laminated, Block Bottom Valve Sacks for Packaging of 50 kg Cement	Ash content	CI 6.4 of IS 16709:2017/RA2022-AMD2:2023
391.	Polypropylene (PP) Woven, Laminated, Block Bottom Valve Sacks for Packaging of 50 kg Cement	Air Permeability	CI 6.5 of IS 16709:2017/RA2022-AMD2:2023
392.	Polypropylene (PP) Woven, Laminated, Block Bottom	PACKAGING AND MARKING	CI 7.2,7.3 of IS 16709:2017/RA2022-AMD2:2023

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile and Textile products		
	Valve Sacks for Packaging of 50 kg Cement		
393.	Light weight jute sacking bags for packing 50 kg mustard seed, niger seed and ragi	Manufacture (construction)	CI 4.1,4.1.1 of IS 18161:2023-AMD3:2024, IS 9113
394.	Light weight jute sacking bags for packing 50 kg mustard seed, niger seed and ragi	Seam (construction)	CI 4.2 of IS 18161:2023-AMD3:2024, IS 9113
395.	Light weight jute sacking bags for packing 50 kg mustard seed, niger seed and ragi	Safety Stitch (construction)	CI 4.3 of IS 18161:2023-AMD3:2024, IS 9113
396.	Light weight jute sacking bags for packing 50 kg mustard seed, niger seed and ragi	Hemming at the Mouth	CI 4.4 of IS 18161:2023-AMD3:2024, IS 9113
397.	Light weight jute sacking bags for packing 50 kg mustard seed, niger seed and ragi	Freedom from Defects	CI 4.5 of IS 18161:2023-AMD3:2024, IS 9113
398.	Light weight jute sacking bags for packing 50 kg mustard seed, niger seed and ragi	Dimensions (Outside length and width)	CI 4.1.1, 5.1 of IS 18161:2023-AMD3:2024, IS 9113
399.	Light weight jute sacking bags for packing 50 kg mustard seed, niger seed and ragi	Ends/dm	CI 4.1.1, 5.1 of IS 18161:2023-AMD3:2024, IS 9113

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile and Textile products		
400.	Light weight jute sacking bags for packing 50 kg mustard seed, niger seed and ragi	Picks/dm	CI 4.1.1, 5.1 of IS 18161:2023-AMD3:2024, IS 9113
401.	Light weight jute sacking bags for packing 50 kg mustard seed, niger seed and ragi	Corrected mass/bag,	CI 4.1.1, 5.1 of IS 18161:2023-AMD3:2024, IS 9113
402.	Light weight jute sacking bags for packing 50 kg mustard seed, niger seed and ragi	Average breaking strength of sacking	CI 4.1.1, 5.1 of IS 18161:2023-AMD3:2024, IS 9113
403.	Light weight jute sacking bags for packing 50 kg mustard seed, niger seed and ragi	Average seam strength	CI 4.1.1, 5.1 of IS 18161:2023-AMD3:2024, IS 9113
404.	Light weight jute sacking bags for packing 50 kg mustard seed, niger seed and ragi	Moisture regain	CI 4.1.1, 5.1 of IS 18161:2023-AMD3:2024, IS 9113
405.	Light weight jute sacking bags for packing 50 kg mustard seed, niger seed and ragi	Total number of bags per bale	CI 4.1.1, 5.1 of IS 18161:2023-AMD3:2024, IS 9113
406.	Light weight jute sacking bags for packing 50 kg mustard seed, niger seed and ragi	Number of bags per bundle	CI 5.2 of IS 18161:2023-AMD3:2024, IS 9113
407.	Light weight jute sacking bags for packing 50 kg mustard seed, niger seed and ragi	Contract mass of a bale	CI 5.2 of IS 18161:2023-AMD3:2024, IS 9113

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile and Textile products		
408.	Light weight jute sacking bags for packing 50 kg mustard seed, niger seed and ragi	Corrected net mass of a bale	CI 5.2 of IS 18161:2023-AMD3:2024, IS 9113
409.	Light weight jute sacking bags for packing 50 kg mustard seed, niger seed and ragi	Number of joined bags per bundle	CI 5.2 of IS 18161:2023-AMD3:2024, IS 9113
410.	Light weight jute sacking bags for packing 50 kg mustard seed, niger seed and ragi	Contract moisture regain	CI 5.3 of IS 18161:2023-AMD3:2024, IS 9113
411.	Light weight jute sacking bags for packing 50 kg mustard seed, niger seed and ragi	Marking and packaging	CI 6, 7 of IS 18161:2023-AMD3:2024, IS 9113
412.	Light Weight Jute Sacking Bags for Packing 50 kg Pulses and Soyabean	Manufacture (construction)	CI 4.1,4.1.1 of IS 18162:2023-AMD2: 2024, IS 9113
413.	Light Weight Jute Sacking Bags for Packing 50 kg Pulses and Soyabean	Seam (construction)	CI 4.2 of of IS 18162:2023-AMD2: 2024, IS 9113
414.	Light Weight Jute Sacking Bags for Packing 50 kg Pulses and Soyabean	Safety Stitch (construction)	CI 4.3 of IS 18162:2023-AMD2:2024, IS 9113
415.	Light Weight Jute Sacking Bags for Packing 50 kg Pulses and Soyabean	Hemming at the Mouth	CI 4.4 of IS 18162:2023-AMD:2024, IS 9113

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile and Textile products		
416.	Light Weight Jute Sacking Bags for Packing 50 kg Pulses and Soyabean	Freedom from Defects	CI 4.5 of IS 18162:2023-AMD2:2024, IS 9113
417.	Light Weight Jute Sacking Bags for Packing 50 kg Pulses and Soyabean	Dimensions (Outside length and width)	CI 4.1.1, 5.1 of IS 18162:2023-AMD2:2024, IS 9113
418.	Light Weight Jute Sacking Bags for Packing 50 kg Pulses and Soyabean	Ends/dm	CI 4.1.1, 5.1 of IS 18162:2023-AMD2:2024, IS 9113
419.	Light Weight Jute Sacking Bags for Packing 50 kg Pulses and Soyabean	Picks/dm	CI 4.1.1, 5.1 of IS 18162:2023-AMD2:2024, IS 9113
420.	Light Weight Jute Sacking Bags for Packing 50 kg Pulses and Soyabean	Corrected mass/bag,	CI 4.1.1, 5.1 of IS 18162:2023-AMD2:2024, IS 9113
421.	Light Weight Jute Sacking Bags for Packing 50 kg Pulses and Soyabean	Average breaking strength of sacking	CI 4.1.1, 5.1 of IS 18162:2023-AMD2:2024, IS 9113
422.	Light Weight Jute Sacking Bags for Packing 50 kg Pulses and Soyabean	Average seam strength	CI 4.1.1, 5.1 of IS 18162:2023-AMD2:2024, IS 9113
423.	Light Weight Jute Sacking Bags for Packing 50 kg Pulses and Soyabean	Moisture regain	CI 4.1.1, 5.1 of IS 18162:2023-AMD2:2024, IS 9113

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile and Textile products		
424.	Light Weight Jute Sacking Bags for Packing 50 kg Pulses and Soyabean	Total number of bags per bale	CI 4.1.1, 5.1 of IS 18162:2023-AMD2:2024, IS 9113
425.	Light Weight Jute Sacking Bags for Packing 50 kg Pulses and Soyabean	Number of bags per bundle	CI 5.2 of IS 18162:2023-AMD2:2024, IS 9113
426.	Light Weight Jute Sacking Bags for Packing 50 kg Pulses and Soyabean	Contract mass of a bale	CI 5.2 of IS 18162:2023-AMD2:2024, IS 9113
427.	Light Weight Jute Sacking Bags for Packing 50 kg Pulses and Soyabean	Corrected net mass of a bale	CI 5.2 of IS 18162:2023-AMD2:2024, IS 9113
428.	Light Weight Jute Sacking Bags for Packing 50 kg Pulses and Soyabean	Number of joined bags per bundle	CI 5.2 of IS 18162:2023-AMD2:2024, IS 9113
429.	Light Weight Jute Sacking Bags for Packing 50 kg Pulses and Soyabean	Contract moisture regain	CI 5.3 of IS 18162:2023-AMD2:2024, IS 9113
430.	Light Weight Jute Sacking Bags for Packing 50 kg Pulses and Soyabean	Marking and packaging	CI 6, 7 of CI 5.2 of IS 18162:2023-AMD2:2024, IS 9113
431.	Light weight jute sacking bags for packing 35 kg groundnut with shell	Manufacture (construction)	CI 4.1,4.1.1 of IS 18163:2023-AMD2:2024, IS 9113

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile and Textile products		
432.	Light weight jute sacking bags for packing 35 kg groundnut with shell	Seam (construction)	CI 4.2 of IS 18163:2023-AMD2:2024, IS 9113
433.	Light weight jute sacking bags for packing 35 kg groundnut with shell	Safety Stitch (construction)	CI 4.3 of IS 18163:2023-AMD2:2024, IS 9113
434.	Light weight jute sacking bags for packing 35 kg groundnut with shell	Hemming at the Mouth	CI 4.4 of IS 18163:2023-AMD2:2024, IS 9113
435.	Light weight jute sacking bags for packing 35 kg groundnut with shell	Freedom from Defects	CI 4.5 of IS 18163:2023-AMD2:2024, IS 9113
436.	Light weight jute sacking bags for packing 35 kg groundnut with shell	Dimensions (Outside length and width)	CI 4.1.1, 5.1 of IS 18163:2023-AMD2:2024, IS 9113
437.	Light weight jute sacking bags for packing 35 kg groundnut with shell	Ends/dm	CI 4.1.1, 5.1 of IS 18163:2023-AMD2:2024, IS 9113
438.	Light weight jute sacking bags for packing 35 kg groundnut with shell	Picks/dm	CI 4.1.1, 5.1 of IS 18163:2023-AMD2:2024, IS 9113
439.	Light weight jute sacking bags for packing 35 kg groundnut with shell	Corrected mass/bag,	CI 4.1.1, 5.1 of IS 18163:2023-AMD2:2024, IS 9113

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile and Textile products		
440.	Light weight jute sacking bags for packing 35 kg groundnut with shell	Average breaking strength of sacking	CI 4.1.1, 5.1 of IS 18163:2023-AMD2:2024, IS 9113
441.	Light weight jute sacking bags for packing 35 kg groundnut with shell	Average seam strength	CI 4.1.1, 5.1 of IS 18163:2023-AMD2:2024, IS 9113
442.	Light weight jute sacking bags for packing 35 kg groundnut with shell	Moisture regain	CI 4.1.1, 5.1 of IS 18163:2023-AMD2:2024, IS 9113
443.	Light weight jute sacking bags for packing 35 kg groundnut with shell	Total number of bags per bale	CI 4.1.1, 5.1 of IS 18163:2023-AMD2:2024, IS 9113
444.	Light weight jute sacking bags for packing 35 kg groundnut with shell	Number of bags per bundle	CI 5.2 of IS 18163:2023-AMD2:2024, IS 9113
445.	Light weight jute sacking bags for packing 35 kg groundnut with shell	Contract mass of a bale	CI 5.2 of IS 18163:2023-AMD2:2024, IS 9113
446.	Light weight jute sacking bags for packing 35 kg groundnut with shell	Corrected net mass of a bale	CI 5.2 of IS 18163:2023-AMD2:2024, IS 9113
447.	Light weight jute sacking bags for packing 35 kg groundnut with shell	Number of joined bags per bundle	CI 5.2 of IS 18163:2023-AMD2:2024, IS 9113

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile and Textile products		
448.	Light weight jute sacking bags for packing 35 kg groundnut with shell	Contract moisture regain	Cl 5.3 of IS 18163:2023-AMD2:2024, IS 9113
449.	Light weight jute sacking bags for packing 35 kg groundnut with shell	Marking and packaging	Cl 6, 7 of Cl 5.2 of IS 18163:2023-AMD2:2024, IS 9113
450.	Textile and Textile products	Determination of number of threads per unit length	EN 1049-2
451.	Textile and Textile products	Determination of mass per unit area	EN 12127
452.	Textile and Textile products	Construction (WEAVE)	ISO 7211-1,
453.	Textile and Textile products	Determination of linear density of yarn	ISO 7211-5,
454.	Textile and Textile products	Dimensional Changes on Soaking in Water	IS 2977 1989/RA2020
455.	Nylon Laces for Shoes and Boots	Length, Flat width	IS 1954
456.	Nylon Laces for Shoes and Boots	Mass per 10 pairs	IS 14358 : 2024
457.	Nylon Laces for Shoes and Boots	Number of plaits per 2.5 cm	IS 14358 : 2024
458.	Nylon Laces for Shoes and Boots	Number of spindles	IS 14358 : 2024
459.	Nylon Laces for Shoes and Boots	Breaking load,	IS 1969

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile and Textile products		
460.	Nylon Laces for Shoes and Boots	Elongation under 5.0 kg load	IS 14358 : 2024, IS 1969
461.	Nylon Laces for Shoes and Boots	Marking and packing	IS 14358 : 2024, IS 1969
462.	Light weight jute sacking bags for packing 50 kg foodgrains	Oil content on dry de-oiled material	CI 4.1 and 5.1 of IS 16186:2014/RA2023-Amd3:2024, IS 9113
463.	Light weight jute sacking bags for packing 50 kg mustard seed, niger seed and ragi	Oil content on dry de-oiled material	CI 4.1.1, 5.1 of IS 18161:2023-AMD3:2024, IS 9113
464.	Light Weight Jute Sacking Bags for Packing 50 kg Pulses and Soyabean	Oil content on dry de-oiled material	CI 4.1.1, 5.1 of IS 18162:2023-AMD2:2024, IS 9113
465.	Light weight jute sacking bags for packing 35 kg groundnut with shell	Oil content on dry de-oiled material	CI 4.1.1, 5.1 of IS 18163:2023-AMD2:2024, IS 9113
466.	Textiles	Colour strength with reference to standard yarn, percent	IS 17261 : 2022, IS 17262 : 2022, IS 17263 : 2022, IS 17264 : 2022, IS 17265 : 2022. ref IS -6481, IS 3456



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



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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Mechanical Properties of Metals		
1.	Stainless steel cookware	Thickness of Utensils and material	IS 14756:2024
2.	Stainless steel cookware	Staining Test	IS 14756:2024
3.	Stainless steel cookware	Mechanical Shock Test	IS 14756:2024
4.	Stainless steel cookware	Thermal Shock Test	IS 14756:2024
5.	Stainless steel cookware	Dry Heat Test	IS 14756:2024
6.	Stainless steel cookware	Coating Thickness Test	IS 14756:2024



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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

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EMC Testing and Compliance LLP

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QAI/CIA/TL/2024/0066

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Accreditation Standard: ISO/IEC 17025:2017

Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Toys and Similar products		
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
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

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Toys and Similar products		
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) (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

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Toys and Similar products		
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 projections, metal wires and rods and projectile toys	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
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

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Toys and Similar products		
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
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

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Toys and Similar products		
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
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

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Toys and Similar products		
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

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Toys and Similar products		
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
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

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Toys and Similar products		
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
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

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Toys and Similar products		
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
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

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Toys and Similar products		
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
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,

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	Toys and Similar products		
			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
115	Toys and Similar Products	Material Quality	Cl.4.1 of ASTM F963: 2023
116	Toys	Flammability	Cl.4.2 of ASTM F963: 2023,ASTM F963-2023-Annex A5 and A6,16 CFR 1610,16CFR 1500.3(c)6(vi),16CFR 1500.44
117	Toys with sound function	Sound-producing toys	Cl.4.5,Cl.8.20 of ASTM F963: 2023
118	Toys and Similar Products	Accessible Edges	Cl.4.7 of ASTM F963: 2023

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Toys and Similar products		
119	Toys and Similar Products	Projections	Cl.4.8 of ASTM F963: 2023
120	Toys having metal wires and rods	Wires or Rods, Flexure Test	Cl.4.10, Cl.8.12 of ASTM F963: 2023
121	Toys and Similar Products	Nails and Fasteners	Cl.4.11 of ASTM F963: 2023
122	Toys with Plastic sheeting	Plastic film	Cl.4.12, Cl.8.22 of ASTM F963: 2023
123	Toy pushchairs, perambulators and similar toys	Folding Mechanisms and Hinges	Cl.4.13, Cl.8.26.1, Cl.8.26.2 of ASTM F963: 2023
124	Toys with cords, straps and elastics	Cords, Straps, and Elastics	Cl.4.14, Cl.8.23 of ASTM F963: 2023
125	Toys and Similar Products	Confined Spaces	Cl.4.16, Cl.4.16.1, Cl.4.16.2, Cl.4.16.3 of ASTM F963: 2023
126	Toys and Similar Products	Wheels, Tires and Axles	Cl.4.17 of ASTM F963: 2023
127	Toys and Similar Products	Holes, Clearance and Accessibility of Mechanisms	Cl.4.18 of ASTM F963: 2023
128	Toys	Pacifiers	Cl.4.20 of ASTM F963: 2023, 16 CFR 1511
129	Projectiles toys	Projectiles toys, Kinetic energy	Cl.4.21, Cl.8.14 of ASTM F963: 2023
130	Toys	Rattles	Cl.4.23 of ASTM F963: 2023, 16 CFR 1510
131	Toys	Squeeze Toys	Cl.4.24 of ASTM F963: 2023, 16 CFR 1510

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Accreditation Standard: ISO/IEC 17025:2017

Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Toys and Similar products		
132	Toys and Similar Products	Toys Intended to be Attached to a Crib or Playpen	Cl.4.26 of ASTM F963: 2023
133	Stuffed and beanbag-type toys	Tension test	Cl.4.27, Cl.8.9.1 of ASTM F963: 2023
134	Toys and Similar Products	Stroller and Carriage Toys	Cl.4.28 of ASTM F963: 2023
135	Toys and Similar Products	Art Materials	Cl.4.29 of ASTM F963: 2023, 16 CFR 1500.14(b)(8)
136	Toy Gun	Toy Gun Marking	Cl.4.30 of ASTM F963: 2023
137	Ballons Toy	Balloons	Cl.4.31 of ASTM F963: 2023, 16 CFR 1500.19
138	Toys and Similar Products	Certain Toys with Nearly Spherical Ends	Cl.4.32 of ASTM F963: 2023
139	Toys Marbles	Marbles	Cl.4.33 of ASTM F963: 2023, 16 CFR 1500.19
140	Toys Balls	Balls	Cl.4.34 of ASTM F963: 2023, 16 CFR 1500.18 (a)(17)
141	Toy Pompoms	Pompoms	Cl.4.35, Cl.8.16 of ASTM F963: 2023
142	Toys and Similar Products	Hemispheric-Shaped Objects	Cl.4.36 of ASTM F963: 2023
143	Elastic Tether Toys	Yo Yo Elastic Tether Toys	Cl.4.37, Cl.8.24 of ASTM F963: 2023
144	Handle or steering wheel of toys	Jaw entrapment test	Cl.4.39 of ASTM F963: 2023
145	Toy with chest	Toy Chests	Cl.4.41 of ASTM F963: 2023

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Toys and Similar products		
146	Toys and Similar Products	Labelling Requirements	Cl.. 5 of ASTM F963: 2023, CPSIA 2008 Section 103
147	Toys and Similar Products	Instructional Literature	Cl.6 of ASTM F963: 2023
148	Wheels, Tires and Axles	Tests for Tire Removal and Snap-in Wheel and Axle Assembly Removal	Cl.8.11 of ASTM F963: 2023
149	Wheeled ride- on toys other than toys scooters	Dynamic strength test for wheeled ride- on toys other than toys scooters	Cl.8.21 of ASTM F963: 2023
150	Toys with Closures, chest Lid, Doors and similar devices	Tests for Toy Chest Lids and Closures	Cl.8.27 of ASTM F963: 2023
151	Toys with Stuffing material	Stuffing Materials Evaluation	Cl.8.29 of ASTM F963: 2023
152	Toys	Expanding Materials	Cl.8.30 of ASTM F963: 2023
153	Toys	Sharp- point test	Cl. 5.9 of IS 9873 (P-1): 2019/ ISO 8124 (P-1) (A1: 2020 + A2: 2020): 2018 /ISO 8124-1:2022
154	Toys with Plastic sheeting	Determination of thickness of plastic film and sheeting	Cl. 5.10 of IS 9873 (P-1): 2019/ ISO 8124 (P-1) (A1: 2020 + A2: 2020): 2018 /ISO 8124-1:2022
155	Toys and Similar Products	Dynamic strength for toy scooter	Cl. 5.27 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		
156	Toys with projectiles	Determination of projectile range	Cl. 5.35 of IS 9873 (P-1): 2019/ ISO 8124 (P-1) (A1: 2020 + A2: 2020): 2018 /ISO 8124-1:2022
157	Toys with projectiles	Tip assessment of rigid projectiles	Cl. 5.36 of IS 9873 (P-1): 2019/ ISO 8124 (P-1) (A1: 2020 + 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

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
14.	Leather, textile & footwear	Disperse yellow 56	IS 16914 (Part-2 & 3) (Cl. B-10.1 of IS:17011:2018), DIN 54231
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

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
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
29.	Leather, Textile ,Footwear & similar products	Forbidden Amines 4-aminobiphenyl	IS 582 (Part 5/Sec 2) (Cl. B-3.1 and B-3.2 of IS:17011 :2018), BS EN ISO 14362-3, ISO 14362-1, ISO 17234-1, ISO 17234-2, Cl. 8 (Table 6) of IS 3976 (A1: 2021): 2018, IS 15570 : 2005, BS EN ISO 14362-3, JIS L 1940-1&3,9873-7:2017
30.	Leather, Textile ,Footwear & similar products	Benzidine	IS 582 (Part 5/Sec 2) (Cl. B-3.1 and B-3.2 of IS:17011 :2018), BS EN ISO 14362-3, ISO 14362-1, ISO 17234-1, ISO 17234-2, Cl. 8 (Table 6) of IS 3976 (A1: 2021): 2018, IS 15570 : 2005, BS EN ISO 14362-3, JIS L 1940-1&3,9873-7:2017
31.	Leather, Textile ,Footwear & similar products	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

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
32.	Leather, Textile ,Footwear & similar products	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
33.	Leather, Textile ,Footwear & similar products	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 & similar products	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 & similar products	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 :

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
			2005, BS EN ISO 14362-3, JIS L 1940-1&3, 9873-7:2017
36.	Leather, Textile ,Footwear & similar products	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
37.	Leather, Textile ,Footwear & similar products	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 & similar products	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 & similar products	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,

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
			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 & similar products	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
41.	Leather, Textile ,Footwear & similar products	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 & similar products	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



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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
43.	Leather, Textile ,Footwear & similar products	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 & similar products	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
45.	Leather, Textile ,Footwear & similar products	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 & similar products	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:

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
			2005, BS EN ISO 14362-3, JIS L 1940-1&3, 9873-7:2017
47.	Leather, Textile ,Footwear & similar products	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 & similar products	2,4,5-trimethylaniline	IS 582 (Part 5/Sec 2) (Cl. B-3.1 and B-3.2 of IS:17011 :2018), BS EN ISO 14362-3, ISO 14362-1, ISO 17234-1, ISO 17234-2, Cl. 8 (Table 6) of IS 3976 (A1: 2021): 2018, IS 15570: 2005, BS EN ISO 14362-3, JIS L 1940-1&3, 9873-7:2017
49.	Leather, Textile ,Footwear & similar products	2,4-dimethylaniline (=2,4-Xylidine)	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 & similar products	2,6-dimethylaniline (=2,6-Xylidine)	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,

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
			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 & similar products	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 & similar products	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
53.	Leather, Textile ,Footwear & similar products	Determination of Chromium VI and Chromium VI (Ageing)	IS 16259 (Cl. 4.1 of IS:17011:2018), Cl. 5.3.6 of BS EN ISO 20345/ BS EN ISO 20346/ Cl. 6.11 of BS EN ISO 20344/ Cl. 5.3.5 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

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
			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 & similar products	Determination of Dimethyl fumarate (DMFU)	IS 16991 (Cl. 4.1 of IS:17011:2018), Textile: EN 17130:2019, Leather- ISO 16186
55.	Leather, Textile ,Footwear & similar products	Formaldehyde (free or released by partial hydrolysis)	IS 16297 (Part 1, 2 &3) (Cl. 4.1 of IS:17011 :2018), AATCC 94-2020/ DIN EN ISO 14184- 1: 2011/ BS EN ISO/SVHC,14184- 1: 2011, ISO 17226-1, ISO 17226-2,IS 14563 (Part 1),EN 717-3:1996
56.	Leather, Textile ,Footwear & similar products	Formaldehyde	IS 14563 (Part 2) (Cl. B-12 of IS:17011 :2018), 14184 PART 2,IS 16297 (Part 1, 2 &3),EN 717-3:1996
57.	Leather, Textile ,Footwear & similar products	Organotin Compounds Dibutyltin	IS 16981 (Cl. B-19 of IS:17011 :2018),DIN EN ISO 17353:2005
58.	Leather, Textile ,Footwear & similar products	Dibutyltin dichloride	IS 16981 (Cl. B-19 of IS:17011 :2018),DIN EN ISO 17353:2005
59.	Leather, Textile ,Footwear & similar products	Diocetyltn	IS 16981 (Cl. B-19 of IS:17011 :2018),DIN EN ISO 17353:2005
60.	Leather, Textile ,Footwear & similar products	Monobutyltin	IS 16981 (Cl. B-19 of IS:17011 :2018),DIN EN ISO 17353:2005

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
61.	Leather, Textile ,Footwear & similar products	Tributyltin	IS 16981 (Cl. B-19 of IS:17011 :2018),DIN EN ISO 17353:2005
62.	Leather, Textile ,Footwear & similar products	Triphenyltin	IS 16981 (Cl. B-19 of IS:17011 :2018),DIN EN ISO 17353:2005
63.	Leather, Textile ,Footwear & similar products	Monocetyltn	IS 16981 (Cl. B-19 of IS:17011 :2018),DIN EN ISO 17353:2005
64.	Leather, Textile ,Footwear & similar products	Bis(tributyltin)oxide	IS 16981 (Cl. B-19 of IS:17011 :2018),DIN EN ISO 17353:2005
65.	Leather, Textile ,Footwear & similar products	Determination of PCP / TeCP / TriCP/ 2,4,5-Trichlorophenol	IS 14575 (Cl. B-27 of IS:17011: 2018), EN ISO 17070 : 2015, 64 LFGB B 82.02.8 (KOH) : 2001
66.	Leather, Textile ,Footwear & similar products	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 & similar products	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 & similar products	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 & similar products	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 & similar products	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

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
71.	Leather, Textile ,Footwear & similar products	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
72.	Leather, Textile ,Footwear & similar products	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 & similar products	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 & similar products	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 & similar products	pH	IS 16915 (Cl. B-25 of IS:17011: 2018), CPSC-CH-C1001-09.4 : 2018, - CA PROP 65, ANNEX XVII TO REACH Entry 51 & 52, 16 CFR Part 1307,ASTM F963-23
76.	Leather, Textile ,Footwear & similar products	Di-iso-nonylphthalate	IS 16915 (Cl. B-25 of IS:17011: 2018), CPSC-CH-C1001-09.4 : 2018, - CA PROP 65, ANNEX XVII TO REACH Entry 51 & 52, 16 CFR Part 1307,ASTM F963-23
77.	Leather, Textile ,Footwear & similar products	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

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
			Entry 51 & 52, 16 CFR Part 1307, ASTM F963-23
78.	Leather, Textile ,Footwear & similar products	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, ASTM F963-23
79.	Leather, Textile ,Footwear & similar products	Di-iso-decylphthalate	IS 16915 (Cl. B-25 of IS:17011: 2018), CPSC-CH-C1001-09.4 : 2018, - CA PROP 65, ANNEX XVII TO REACH Entry 51 & 52, 16 CFR Part 1307, ASTM F963-23
80.	Leather, Textile ,Footwear & similar products	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, ASTM F963-23
81.	Leather, Textile ,Footwear & similar products	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, ASTM F963-23
82.	Leather, Textile ,Footwear & similar products	Di-isobutylphthlate	IS 16915 (Cl. B-25 of IS:17011: 2018), CPSC-CH-C1001-09.4 : 2018, - CA PROP 65, ANNEX XVII TO REACH

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
			Entry 51 & 52, 16 CFR Part 1307, ASTM F963-23
83.	Hazardous & Restricted Chemicals Textile & Textile Products Toys and sports equipment Computing & Communications Equipment Consumer Electronics ROHS Lighting: Lamps, Lighting, Fixtures, Light Bulbs Power Tools Small Household appliances Large Household Appliances Plastics & Other Polymeric Products Leather Products Prints Zippers Paints Other (Accessories & Apparels)	Nickel release	EN 1811 and EN 12472 (Cl. B-13.4.3 of IS:17011:2018), BS EN 12472:2020, EN 1810:1998 BSEN 1810:1998, BSEN 1811:2011 BSEN 1811:2011+A1:2015, BS EN 12472:2005+A1:2009
84.	Hazardous & Restricted Chemicals Textile & Textile Products Toys and sports equipment Computing & Communications Equipment Consumer Electronics ROHS Lighting: Lamps, Lighting, Fixtures, Light Bulbs Power Tools Small Household appliances Large Household	Screening test for nickel	PDCR 12471:2002

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
	Appliances Plastics & Other Polymeric Products Leather Products Prints Zippers Paints Other(Accessories & Apparels)		
85.	Leather, Textile ,Footwear & similar products	Alkyl Phenol -AP (OP And NP) and Alkyl phenol Ethoxylates Analysis - APEO (NPEO and OPEO)	ISO 18254-1:2016, ISO18218-1:2015, ISO 18218-2:2015 ANNEX XVII TO REACH Entry 46
86.	Leather, Textile, Footwear & similar products	Bisphenol-A Content (BPA)	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
87.	Leather, Textile ,Footwear & similar products	Determination of SCCP & MCCP (Chlorinated paraffin)	ISO 18219-1:2019, Textile: ISO 22818:2021 (SCCP + MCCP) Leather: ISO 18219-1:2021 (SCCP) ISO 18219-2 (MCCP)
88.	Leather, Textile ,Footwear & similar products	Determination of Dimethyl Formamide (DMFa)	ISO/TS 16189: 2013
89.	Leather, Textile ,Footwear & similar products	Determination of PFOA & PFOS	EN/TS 15968:2010, ANNEX XVII TO REACH Entry 53 & 68
90.	Leather, Textile ,Footwear & similar products	Polycyclic Aromatic Hydrocarbons (PAHs)- Benzo(a)pyrene	ISO/TS 16190: 2013 European Directive 2005/69/EC ANNEX XVII TO REACH Entry 50 2013, ISO 16190:2021

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
91.	Leather, Textile ,Footwear & similar products	Benzo(e)pyrene	ISO/TS 16190: 2013 European Directive 2005/69/EC ANNEX XVII TO REACH Entry 50 2013, ISO 16190:2021
92.	Leather, Textile ,Footwear & similar products	Benz(a)anthracene	ISO/TS 16190: 2013 European Directive 2005/69/EC ANNEX XVII TO REACH Entry 50 2013, ISO 16190:2021
93.	Leather, Textile ,Footwear & similar products	Benzo(a)phenanthrene	ISO/TS 16190: 2013 European Directive 2005/69/EC ANNEX XVII TO REACH Entry 50 2013, ISO 16190:2021
94.	Leather, Textile ,Footwear & similar products	Benzo(b)flouranthene	ISO/TS 16190: 2013 European Directive 2005/69/EC ANNEX XVII TO REACH Entry 50 2013, ISO 16190:2021
95.	Leather, Textile ,Footwear & similar products	Benzo(j)flouranthene	ISO/TS 16190: 2013 European Directive 2005/69/EC ANNEX XVII TO REACH Entry 50 2013, ISO 16190:2021
96.	Leather, Textile ,Footwear & similar products	Benzo(k)flouranthene	ISO/TS 16190: 2013 European Directive 2005/69/EC ANNEX XVII TO REACH Entry 50 2013, ISO 16190:2021
97.	Leather, Textile ,Footwear & similar products	Dibenzo(a,h)anthracene	ISO/TS 16190: 2013 European Directive 2005/69/EC ANNEX XVII TO

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
			REACH Entry 50 2013, ISO 16190:2021
98.	Leather, Textile ,Footwear & similar products	Naphthalene	ISO/TS 16190: 2013 European Directive 2005/69/EC ANNEX XVII TO REACH Entry 50 2013, ISO 16190:2021
99.	Leather, Textile ,Footwear & similar products	Acenaphthylene	ISO/TS 16190: 2013 European Directive 2005/69/EC ANNEX XVII TO REACH Entry 50 2013, ISO 16190:2021
100.	Leather, Textile ,Footwear & similar products	Acenaphthene	ISO/TS 16190: 2013 European Directive 2005/69/EC ANNEX XVII TO REACH Entry 50 2013, ISO 16190:2021
101.	Leather, Textile ,Footwear & similar products	Flourene	ISO/TS 16190: 2013 European Directive 2005/69/EC ANNEX XVII TO REACH Entry 50 2013, ISO 16190:2021
102.	Leather, Textile ,Footwear & similar products	Phenanthrene	ISO/TS 16190: 2013 European Directive 2005/69/EC ANNEX XVII TO REACH Entry 50 2013, ISO 16190:2021
103.	Leather, Textile ,Footwear & similar products	Anthracene	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		
104.	Leather, Textile ,Footwear & similar products	Fluoranthene	ISO/TS 16190: 2013 European Directive 2005/69/EC ANNEX XVII TO REACH Entry 50 2013, ISO 16190:2021
105.	Leather, Textile ,Footwear & similar products	Pyrene	ISO/TS 16190: 2013 European Directive 2005/69/EC ANNEX XVII TO REACH Entry 50 2013, ISO 16190:2021
106.	Leather, Textile ,Footwear & similar products	Benzo(ghi)perylene	ISO/TS 16190: 2013 European Directive 2005/69/EC ANNEX XVII TO REACH Entry 50 2013, ISO 16190:2021
107.	Leather, Textile ,Footwear & similar products	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
108.	Leather, Textile, Footwear & similar products	Determination of volatile organic compounds (VOC) and/or semi volatile organic compounds (SVOC) content- Benzene	ISO 11890-2:2020, EN 1400:2013+A2: 2018(EN)
109.	Leather, Textile ,Footwear & similar products	Butadiene	ISO 11890-2:2020, EN 1400:2013+A2: 2018(EN)
110.	Leather, Textile ,Footwear & similar products	4-phenyl-cyclohexane	ISO 11890-2:2020, EN 1400:2013+A2: 2018(EN)

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
111.	Leather, Textile ,Footwear & similar products	Styrene	ISO 11890-2:2020, EN 1400:2013+A2: 2018(EN)
112.	Leather, Textile ,Footwear & similar products	Toluene	ISO 11890-2:2020, EN 1400:2013+A2: 2018(EN)
113.	Leather, Textile ,Footwear & similar products	Vinyl chloride	ISO 11890-2:2020, EN 1400:2013+A2: 2018(EN)
114.	Leather, Textile ,Footwear & similar products	Vinyl cyclohexane	ISO 11890-2:2020, EN 1400:2013+A2: 2018(EN)
115.	Leather, Textile ,Footwear & similar products	Determination of pesticides- 2,4'-DDT	IS 15651:2006
116.	Leather, Textile ,Footwear & similar products	4,4'-DDT	IS 15651:2006
117.	Leather, Textile ,Footwear & similar products	4,4'-DDD	IS 15651:2006
118.	Leather, Textile ,Footwear & similar products	4,4'-DDE	IS 15651:2006
119.	Leather, Textile ,Footwear & similar products	alpha-HCH	IS 15651:2006
120.	Leather, Textile ,Footwear & similar products	gamma-HCH	IS 15651:2006
121.	Leather, Textile ,Footwear & similar products	Aldrin	IS 15651:2006
122.	Leather, Textile ,Footwear & similar products	Dieldrin	IS 15651:2006
123.	Leather, Textile ,Footwear & similar products	Camphechlor	IS 15651:2006

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
124.	Leather, Textile ,Footwear & similar products	Heptachlor	IS 15651:2006
125.	Leather, Textile ,Footwear & similar products	cis-Heptachlor-exo-epoxide (isomer B)	IS 15651:2006
126.	Leather, Textile ,Footwear & similar products	2,4-D	IS 15651:2006
127.	Leather, Textile ,Footwear & similar products	Determination of Chlorinated Organic Carriers(COC)-Hexachlorobenzene	DIN 54232:2010, BS EN ISO 17137: 2018
128.	Leather, Textile ,Footwear & similar products	1,2,3-trichlorobenzene	DIN 54232:2010, BS EN ISO 17137: 2018
129.	Leather, Textile ,Footwear & similar products	1,2,4-trichlorobenzene	DIN 54232:2010, BS EN ISO 17137: 2018
130.	Leather, Textile ,Footwear & similar products	1,3,5-trichlorobenzene	DIN 54232:2010, BS EN ISO 17137: 2018
131.	Leather, Textile ,Footwear & similar products	1,2,3,4-tetrachlorobenzene	DIN 54232:2010, BS EN ISO 17137: 2018
132.	Leather, Textile ,Footwear & similar products	1,2,3,5-tetrachlorobenzene	DIN 54232:2010, BS EN ISO 17137: 2018
133.	Leather, Textile ,Footwear & similar products	1,2,4,5-tetrachlorobenzene	DIN 54232:2010, BS EN ISO 17137: 2018
134.	Leather, Textile ,Footwear & similar products	Pentachlorobenzene	DIN 54232:2010, BS EN ISO 17137: 2018
135.	Leather, Textile ,Footwear & similar products	Monochlorobenzene	DIN 54232:2010, BS EN ISO 17137: 2018

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

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
149.	Leather, Textile ,Footwear & similar products	Tetrachlorotoluene	DIN 54232:2010, BS EN ISO 17137: 2018
150.	Leather, Textile ,Footwear & similar products	2,3,4,5,6-pentachlorotoluene	DIN 54232:2010, BS EN ISO 17137: 2018
151.	Leather, Textile ,Footwear & similar products	Determination of Lead in Surface coating	ASTM E1645-2001, ASTM E1645-2016 ASTM E1613-2012 CPSC-CHE1003-09.1: Feb25,2011 Health Canada Method C-02.2-2016 Health Canada Method C-02.2-2017 16 CFR1303:2008 16 CFR Part1303: 2018
152.	Leather, Textile ,Footwear & similar products	Cadmium Extractability from Children's Metal Jewelry	CPSC-CH-E1004-11-Feb 03
153.	Leather, Textile ,Footwear & similar products	Determination of cadmium wet decomposition methods	EN 1122:2002, ANNEX XVII TO REACH Entry 23
154.	Leather, Textile ,Footwear & similar products	Total Lead content in Substrate for Non-metal children's products including children's metal Jewelry	CPSC-CH-E1002-08.3, IS 9873: Part 5: 2017 (ISO 8124-5: 2015),ASTM F2999 -19,F2923-20
155.	Leather, Textile ,Footwear & similar products	Total Lead content in Substrate for metal children's products including children's metal Jewelry	ASTM E1645-2001, ASTM E1645-2016 ASTM,CPSC 16 CFR 1303,ASTM F963-23 E1613-2012 CPSC-CHE1002-08.3:Nov15,2012 GB/T30157-2013 Health Canada Method C-02.2-2016

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	Hazardous & Restricted Chemicals		
			Health Canada Method C-02.2-2017 Health Canada Method C-02.3-2013 Health Canada Method C-02.3-2017 Health Canada Method C-02.5-2008 Health Canada Method C-05-2014 ANNEX XVII TO REACH Entry 63: 2014
156.	Electronics and Electrical Products	3,3,5,5-Tetrabromobiphenyl (16400-50-3)	IEC 62321-6 : 2015, DIRECTIVE 2011/65/EU (2002/95/EC & 2011/65/EU)
157.	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)
158.	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)
159.	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)
160.	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)

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
161.	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)
162.	Electronics and Electrical Products	Determination of Flame retardant, 2,2,3,4,4,5-Hexabromodiphenyl ether (18267-30-1)	IEC 62321-6 : 2015, DIRECTIVE 2011/65/EU (2002/95/EC & 2011/65/EU)
163.	Electronics and Electrical Products	Determination of Flame retardant, 2,2,3,4,4-Pentabromodiphenyl ether (182346-21-0)	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',4,5',6-Pentabromobiphenyl (59080-39-6)	IEC 62321-6 : 2015, DIRECTIVE 2011/65/EU (2002/95/EC & 2011/65/EU)
165.	Electronics and Electrical Products	Determination of Flame retardant, 2,2,4,-Tribromodiphenyl ether (41318-75-6)	IEC 62321-6 : 2015, DIRECTIVE 2011/65/EU (2002/95/EC & 2011/65/EU)
166.	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)
167.	Electronics and Electrical Products	Determination of Flame retardant, 2,3,3,4,4,5,5-	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		
		Heptabromobiphenyl (88700-06-5)	
168.	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)
169.	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)
170.	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)
171.	Electronics and Electrical Products	Determination of Flame retardant, 3,3',4,4',5,5'-Hexabromobiphenyl (60044-26-0)	IEC 62321-6 : 2015, DIRECTIVE 2011/65/EU (2002/95/EC & 2011/65/EU)
172.	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)
173.	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)
174.	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)

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
175.	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)
176.	Electronics and Electrical Products	Determination of total heavy metals- Cadmium, lead, chromium, Mercury and chromium vi in metals, polymers and electronics by ICP-OES and ICP-MS	IEC 62321:2008 IEC 62321:2009 IEC 62321-1:2013, IEC 62321-2:2013 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
177.	Electronics and Electrical Products	Determination of certain phthalate substances in electrotechnical products by GCMS, BBP (Benzyl butyl phthalate)	IEC 62321-8 : 2017, DIRECTIVE 2011/65/EU : 2011
178.	Electronics and Electrical Products	Determination of certain phthalate substances in electrotechnical products by GCMS, DBP (Dibutyl phthalate)	IEC 62321-8 : 2017, DIRECTIVE 2011/65/EU : 2011
179.	Electronics and Electrical Products	Determination of certain phthalate substances in electrotechnical products by GCMS, DEHP (Di(2-ethylhexyl) phthalate)	IEC 62321-8 : 2017, DIRECTIVE 2011/65/EU : 2011
180.	Electronics and Electrical Products	Determination of certain phthalate substances in electrotechnical products by	IEC 62321-8 : 2017, DIRECTIVE 2011/65/EU : 2011

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
		GCMS, DIBP (Di isobutyl phthalate)	
181.	Hazardous & Restricted Substance Plastic, Metal, ceramic & other Polymeric material	Specific Migration of Heavy metal-Arsenic (As)	Indian Food and Safety (Packaging) regulation 2018, Regulation (EC) 1935/2004, Regulation (EU) No.10/2011, REGULATION (EU) 2016/1416, (EU) 2017/752, (EU) No 284/2011, EN13130 -1:2004, 2020/1245, EU-10, LFGB, Sec 30
182.	Footwear-Shoes	Specific Migration of Heavy metal-Arsenic (As)	Indian Food and Safety (Packaging) regulation 2018, Regulation (EC) 1935/2004, Regulation (EU) No.10/2011, REGULATION (EU) 2016/1416, (EU) 2017/752, (EU) No 284/2011, EN13130 -1:2004, 2020/1245, EU-10, LFGB, Sec 30
183.	Footwear-Shoes	Specific Migration of Heavy metal-Barium (Ba)	Indian Food and Safety (Packaging) regulation 2018, Regulation (EC) 1935/2004, Regulation (EU) No.10/2011, REGULATION (EU) 2016/1416, (EU) 2017/752, (EU) No 284/2011, EN13130 -1:2004, 2020/1245, EU-10, LFGB, Sec 30
184.	Footwear-Shoes	Specific Migration of Heavy metal-Beryllium (Be)	Indian Food and Safety (Packaging) regulation 2018, Regulation (EC) 1935/2004, Regulation (EU)

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
			No.10/2011, REGULATION (EU) 2016/1416, (EU) 2017/752, (EU) No 284/2011, EN13130 -1:2004, 2020/1245, EU-10, LFGB, Sec 30
185.	Footwear-Shoes	Specific Migration of Heavy metal-Copper (Cu)	Indian Food and Safety (Packaging) regulation 2018, Regulation (EC) 1935/2004, Regulation (EU) No.10/2011, REGULATION (EU) 2016/1416, (EU) 2017/752, (EU) No 284/2011, EN13130 -1:2004, 2020/1245, EU-10, LFGB, Sec 30
186.	Footwear-Shoes	Specific Migration of Heavy metal-Manganese (Mn)	Indian Food and Safety (Packaging) regulation 2018, Regulation (EC) 1935/2004, Regulation (EU) No.10/2011, REGULATION (EU) 2016/1416, (EU) 2017/752, (EU) No 284/2011, EN13130 -1:2004, 2020/1245, EU-10, LFGB, Sec 30
187.	Footwear-Shoes	Specific Migration of Heavy metal-Tin (Sn)	Indian Food and Safety (Packaging) regulation 2018, Regulation (EC) 1935/2004, Regulation (EU) No.10/2011, REGULATION (EU) 2016/1416, (EU) 2017/752, (EU) No 284/2011, EN13130 -1:2004, 2020/1245, EU-10, LFGB, Sec 30

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
188.	Footwear-Shoes	Specific Migration of Heavy metal-Vanadium (V)	Indian Food and Safety (Packaging) regulation 2018, Regulation (EC) 1935/2004, Regulation (EU) No.10/2011, REGULATION (EU) 2016/1416, (EU) 2017/752, (EU) No 284/2011, EN13130 -1:2004, 2020/1245, EU-10, LFGB, Sec 30
189.	Footwear-Shoes	Specific Migration of Heavy metal-Zinc (Zn)	Indian Food and Safety (Packaging) regulation 2018, Regulation (EC) 1935/2004, Regulation (EU) No.10/2011, REGULATION (EU) 2016/1416, (EU) 2017/752, (EU) No 284/2011, EN13130 -1:2004, 2020/1245, EU-10, LFGB, Sec 30
190.	Footwear-Shoes	Specific Migration of Heavy metal-Antimony (Sb)	Indian Food and Safety (Packaging) regulation 2018, Regulation (EC) 1935/2004, Regulation (EU) No.10/2011, REGULATION (EU) 2016/1416, (EU) 2017/752, (EU) No 284/2011, EN13130 -1:2004, 2020/1245, EU-10, LFGB, Sec 30
191.	Footwear-Shoes	Specific Migration of Heavy metal-Barium (Ba)	Indian Food and Safety (Packaging) regulation 2018, Regulation (EC) 1935/2004, Regulation (EU) No.10/2011, REGULATION (EU) 2016/1416, (EU) 2017/752, (EU) No

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
			284/2011 ,EN13130 -1:2004, 2020/1245, EU-10, LFGB, Sec 30
192.	Footwear-Shoes	Specific Migration of Heavy metal-Lead (Pb)	Indian Food and Safety (Packaging) regulation 2018, Regulation (EC) 1935/2004, Regulation (EU) No.10/2011, REGULATION (EU) 2016/1416, (EU) 2017/752, (EU) No 284/2011 ,EN13130 -1:2004, 2020/1245, EU-10, LFGB, Sec 30
193.	Footwear-Shoes	Specific Migration of Heavy metal-Magnesium (Mg)	Indian Food and Safety (Packaging) regulation 2018, Regulation (EC) 1935/2004, Regulation (EU) No.10/2011, REGULATION (EU) 2016/1416, (EU) 2017/752, (EU) No 284/2011 ,EN13130 -1:2004, 2020/1245, EU-10, LFGB, Sec 30
194.	Footwear-Shoes	Specific Migration of Heavy metal-Thallium (Tl)	Indian Food and Safety (Packaging) regulation 2018, Regulation (EC) 1935/2004, Regulation (EU) No.10/2011, REGULATION (EU) 2016/1416, (EU) 2017/752, (EU) No 284/2011 ,EN13130 -1:2004, 2020/1245, EU-10, LFGB, Sec 30
195.	Footwear-Shoes	Specific Migration of Heavy metal-Titanium (Ti)	Indian Food and Safety (Packaging) regulation 2018, Regulation (EC) 1935/2004, Regulation (EU)

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
			No.10/2011, REGULATION (EU) 2016/1416, (EU) 2017/752, (EU) No 284/2011, EN13130 -1:2004, 2020/1245, EU-10, LFGB, Sec 30
196.	Footwear-Shoes	Specific Migration of Heavy metal- Iron (Fe)	Indian Food and Safety (Packaging) regulation 2018, Regulation (EC) 1935/2004, Regulation (EU) No.10/2011, REGULATION (EU) 2016/1416, (EU) 2017/752, (EU) No 284/2011, EN13130 -1:2004, 2020/1245, EU-10, LFGB, Sec 30
197.	Footwear-Shoes	Specific Migration of Heavy metal- Molybdenum (Mo)	Indian Food and Safety (Packaging) regulation 2018, Regulation (EC) 1935/2004, Regulation (EU) No.10/2011, REGULATION (EU) 2016/1416, (EU) 2017/752, (EU) No 284/2011, EN13130 -1:2004, 2020/1245, EU-10, LFGB, Sec 30
198.	Footwear-Shoes	Specific Migration of Heavy metal-Aluminum (Al)	Indian Food and Safety (Packaging) regulation 2018, Regulation (EC) 1935/2004, Regulation (EU) No.10/2011, REGULATION (EU) 2016/1416, (EU) 2017/752, (EU) No 284/2011, EN13130 -1:2004, 2020/1245, EU-10, LFGB, Sec 30

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
199.	Footwear-Shoes	Specific Migration of Heavy metal-Beryllium (Be)	Indian Food and Safety (Packaging) regulation 2018, Regulation (EC) 1935/2004, Regulation (EU) No.10/2011, REGULATION (EU) 2016/1416, (EU) 2017/752, (EU) No 284/2011, EN13130 -1:2004, 2020/1245, EU-10, LFGB, Sec 30
200.	Footwear-Shoes	Specific Migration of Heavy metal-Cadmium (Cd)	Indian Food and Safety (Packaging) regulation 2018, Regulation (EC) 1935/2004, Regulation (EU) No.10/2011, REGULATION (EU) 2016/1416, (EU) 2017/752, (EU) No 284/2011, EN13130 -1:2004, 2020/1245, EU-10, LFGB, Sec 30
201.	Footwear-Shoes	Specific Migration of Heavy metal-Chromium (Cr)	Indian Food and Safety (Packaging) regulation 2018, Regulation (EC) 1935/2004, Regulation (EU) No.10/2011, REGULATION (EU) 2016/1416, (EU) 2017/752, (EU) No 284/2011, EN13130 -1:2004, 2020/1245, EU-10, LFGB, Sec 30
202.	Footwear-Shoes	Specific Migration of Heavy metal-Cobalt (Co)	Indian Food and Safety (Packaging) regulation 2018, Regulation (EC) 1935/2004, Regulation (EU) No.10/2011, REGULATION (EU) 2016/1416, (EU) 2017/752, (EU) No

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	Hazardous & Restricted Chemicals		
			284/2011 ,EN13130 -1:2004, 2020/1245, EU-10, LFGB, Sec 30
203.	Footwear-Shoes	Specific Migration of Heavy metal-Lithium (Li)	Indian Food and Safety (Packaging) regulation 2018, Regulation (EC) 1935/2004, Regulation (EU) No.10/2011, REGULATION (EU) 2016/1416, (EU) 2017/752, (EU) No 284/2011 ,EN13130 -1:2004, 2020/1245, EU-10, LFGB, Sec 30
204.	Footwear-Shoes	Specific Migration of Heavy metal-Mercury (Hg)	Indian Food and Safety (Packaging) regulation 2018, Regulation (EC) 1935/2004, Regulation (EU) No.10/2011, REGULATION (EU) 2016/1416, (EU) 2017/752, (EU) No 284/2011 ,EN13130 -1:2004, 2020/1245, EU-10, LFGB, Sec 30
205.	Footwear-Shoes	Specific Migration of Heavy metal-Nickel (Ni)	Indian Food and Safety (Packaging) regulation 2018, Regulation (EC) 1935/2004, Regulation (EU) No.10/2011, REGULATION (EU) 2016/1416, (EU) 2017/752, (EU) No 284/2011 ,EN13130 -1:2004, 2020/1245, EU-10, LFGB, Sec 30
206.	Footwear-Shoes	Specific Migration of Heavy metal-Silver (Ag)	Indian Food and Safety (Packaging) regulation 2018, Regulation (EC) 1935/2004, Regulation (EU)

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Chemical Testing			
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	Hazardous & Restricted Chemicals		
			No.10/2011, REGULATION (EU) 2016/1416, (EU) 2017/752, (EU) No 284/2011, EN13130 -1:2004, 2020/1245, EU-10, LFGB, Sec 30
207.	Hazardous & Restricted Substance Plastic, Metal, ceramic & other Polymeric material	Overall Migration in materials and articles in contact with foodstuffs	IS 9845-1998 (R2015) Indian Food and Safety (Packaging) regulation 2018, ISO 1186-1:2002, Regulation (EC) 1935/2004, Regulation (EU) No. 10/2011, REGULATION (EU) 2016/1416, (EU) No 284/2011, (EU) 2017/752
208.	Testing of packaging materials and packages for foodstuffs	Sensorial test	DIN 10955: 2004
209.	Leather, Textile & Footwear	Migration of Heavy Metal-Antimony	IS 5168: 2018, IS 14625 : 2015
210.	Leather, Textile & Footwear	Migration of Heavy Metal-Arsenic	IS 5168: 2018, IS 14625 : 2015
211.	Leather, Textile & Footwear	Migration of Heavy Metal-Chromium	IS 5168: 2018, IS 14625 : 2015
212.	Leather, Textile & Footwear	Migration of Heavy Metal-mercury	IS 5168: 2018, IS 14625 : 2015
213.	Leather, Textile & Footwear	Migration of Heavy Metal-cadmium	IS 5168: 2018, IS 14625 : 2015
214.	Leather, Textile & Footwear	Migration of Heavy Metal-Lead	IS 5168: 2018, IS 14625 : 2015

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
215.	Leather, Textile & Footwear	Migration of Heavy Metal-barium	IS 5168: 2018, IS 14625 : 2015
216.	Leather, Textile & Footwear	Migration of Heavy Metal-selenium	IS 5168: 2018, IS 14625 : 2015
217.	Leather, Textile & Footwear	Vegetable Tanned Sole Leather Specification-Total ash	IS 579 : 2017
218.	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
219.	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
220.	Leather, Textile & Footwear	total ash content	IS 582 : 1970 + A1: 1976
221.	Leather, Textile & Footwear	Heavy Metals	IS 582 (Part 6 /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, Cl. 4.2.1 of IS 12254: 1993, Cl. 5.2.3.1, 5.2.6 and Cl. 5.2.9 (Annex C) of IS 14544: 1998

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
223.	Leather, Textile, Footwear & similar products	Determination of total concentration of certain elements, Aluminium (Al)	ISO 17072-2 : 2019
224.	Leather, Textile, Footwear & similar products	Determination of total concentration of certain elements, Antimony (Sb)	ISO 17072-2 : 2019
225.	Leather, Textile, Footwear & similar products	Determination of total concentration of certain elements, Arsenic (As)	ISO 17072-2 : 2019
226.	Leather, Textile, Footwear & similar products	Determination of total concentration of certain elements, Barium (Ba)	ISO 17072-2 : 2019
227.	Leather, Textile, Footwear & similar products	Determination of total concentration of certain elements, Boron (B)	ISO 17072-2 : 2019
228.	Leather, Textile, Footwear & similar products	Determination of total concentration of certain elements, Cadmium (Cd)	ISO 17072-2 : 2019
229.	Leather, Textile, Footwear & similar products	Determination of total concentration of certain elements, Chromium (Cr)	ISO 17072-2 : 2019
230.	Leather, Textile, Footwear & similar products	Determination of total concentration of certain elements, Cobalt (Co)	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		
231.	Leather, Textile, Footwear & similar products	Determination of total concentration of certain elements, Copper (Cu)	ISO 17072-2 : 2019
232.	Leather, Textile, Footwear & similar products	Determination of total concentration of certain elements, Ferrum (Fe)	ISO 17072-2 : 2019
233.	Leather, Textile, Footwear & similar products	Determination of total concentration of certain elements, Lead (Pb)	ISO 17072-2 : 2019
234.	Leather, Textile, Footwear & similar products	Determination of total concentration of certain elements, Manganese (Mn)	ISO 17072-2 : 2019
235.	Leather, Textile, Footwear & similar products	Determination of total concentration of certain elements, Mercury (Hg)	ISO 17072-2 : 2019
236.	Leather, Textile, Footwear & similar products	Determination of total concentration of certain elements, Nickel (Ni)	ISO 17072-2 : 2019
237.	Leather, Textile, Footwear & similar products	Determination of total concentration of certain elements, Selenium (Se)	ISO 17072-2 : 2019
238.	Leather, Textile, Footwear & similar products	Determination of total concentration of certain elements, Strontium (Sr)	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		
239.	Leather, Textile, Footwear & similar products	Determination of total concentration of certain elements, Tin (Sn)	ISO 17072-2 : 2019
240.	Leather, Textile, Footwear & similar products	Determination of total concentration of certain elements, Zinc (Zn)	ISO 17072-2 : 2019
241.	Leather, Textile & Footwear	OPA Specification test- Aluminium	IS 798: 2020
242.	Leather, Textile & Footwear	Antimony	IS 798: 2020
243.	Leather, Textile & Footwear	Arsenic	IS 798: 2020
244.	Leather, Textile & Footwear	Calcium	IS 798: 2020
245.	Leather, Textile & Footwear	Chlorides	IS 798: 2020
246.	Leather, Textile & Footwear	Iron	IS 798: 2020
247.	Leather, Textile & Footwear	Lead	IS 798: 2020
248.	Leather, Textile & Footwear	Magnesium	IS 798: 2020
249.	Leather, Textile & Footwear	Manganese	IS 798: 2020
250.	Leather, Textile & Footwear	Mercury	IS 798: 2020
251.	Leather, Textile & Footwear	Molybdenum	IS 798: 2020
252.	Leather, Textile & Footwear	Nitrates	IS 798: 2020

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
253.	Leather, Textile & Footwear	Oxygen absorbed	IS 798: 2020
254.	Leather, Textile & Footwear	Relative Density	IS 798: 2020
255.	Leather, Textile & Footwear	Silica	IS 798: 2020
256.	Leather, Textile & Footwear	Sulphates	IS 798: 2020
257.	Leather, Textile & Footwear	Volatile acids	IS 798: 2020
258.	Leather, Textile & Footwear	Orthophosphoric acid (H ₃ PO ₄), percent by mass, Min	IS 798: 2020
259.	Leather, Textile & Footwear	Migration of Heavy Metal-Antimony	IS 14625 (A1: 2016 + A2: 2019+ A3: 2021 + A4: 2022): 2015
260.	Leather, Textile & Footwear	Migration of Heavy Metal-Arsenic	IS 14625 (A1: 2016 + A2: 2019+ A3: 2021 + A4: 2022): 2015
261.	Leather, Textile & Footwear	Migration of Heavy Metal-Chromium	IS 14625 (A1: 2016 + A2: 2019+ A3: 2021 + A4: 2022): 2015
262.	Leather, Textile & Footwear	Migration of Heavy Metal-mercury	IS 14625 (A1: 2016 + A2: 2019+ A3: 2021 + A4: 2022): 2015
263.	Leather, Textile & Footwear	Migration of Heavy Metal-cadmium	IS 14625 (A1: 2016 + A2: 2019+ A3: 2021 + A4: 2022): 2015
264.	Leather, Textile & Footwear	Migration of Heavy Metal-Lead	IS 14625 (A1: 2016 + A2: 2019+ A3: 2021 + A4: 2022): 2015
265.	Leather, Textile & Footwear	Migration of Heavy Metal-barium	IS 14625 (A1: 2016 + A2: 2019+ A3: 2021 + A4: 2022): 2015
266.	Leather, Textile & Footwear	Migration of Heavy Metal-selenium	IS 14625 (A1: 2016 + A2: 2019+ A3: 2021 + A4: 2022): 2015

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
267.	Leather, Textile & Footwear	Phthalic acid (DEHP)	IS 14625 (A1: 2016 + A2: 2019+ A3: 2021 + A4: 2022): 2015
268.	Hazardous & Restricted Chemicals Textile & Textile Products Toys and sports equipment Computing & Communications Equipment Consumer Electronics ROHS Lighting: Lamps, Lighting, Fixtures, Light Bulbs Power Tools Small Household appliances Large Household Appliances Plastics & Other Polymeric Products Leather Products Prints Zippers Paints Other (Accessories & Apparels)	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, BS 6748, IS 9806, DIN 51031
269.	Leather, Textile & Footwear	Polyphosphoric Acid - Manganese	IS 17439: 2020
270.	Leather, Textile & Footwear	Aluminium	IS 17439: 2020
271.	Leather, Textile & Footwear	Antimony	IS 17439: 2020
272.	Leather, Textile & Footwear	ARSENIC	IS 17439: 2020
273.	Leather, Textile & Footwear	Calcium	IS 17439: 2020

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
274.	Leather, Textile & Footwear	CHLORIDES	IS 17439: 2020
275.	Leather, Textile & Footwear	IRON	IS 17439: 2020
276.	Leather, Textile & Footwear	LEAD	IS 17439: 2020
277.	Leather, Textile & Footwear	Magnesium	IS 17439: 2020
278.	Leather, Textile & Footwear	Mercury	IS 17439: 2020
279.	Leather, Textile & Footwear	Molybdenum	IS 17439: 2020
280.	Leather, Textile & Footwear	Nitrates	IS 17439: 2020
281.	Leather, Textile & Footwear	Phosphoric acid H ₃ PO ₄ (percent by mass)	IS 17439: 2020
282.	Leather, Textile & Footwear	Phosphorus pentoxide P ₂ O ₅ (percent by mass)	IS 17439: 2020
283.	Leather, Textile & Footwear	Relative density	IS 17439: 2020
284.	Leather, Textile & Footwear	Silica	IS 17439: 2020
285.	Leather, Textile & Footwear	SULPHATES	IS 17439: 2020
286.	Leather, Textile & Footwear	Migration of Certain Elements- Lead (Pb)	EN 16711-2:2015/ BS EN 16711-2: : 2021
287.	Leather, Textile & Footwear	Migration of Certain Elements, Nickel (Ni)	EN 16711-2:2015/ BS EN 16711-2: : 2021

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
288.	Leather, Textile & Footwear	Migration of Certain Elements, Cobalt (Co)	EN 16711-2:2015/ BS EN 16711-2: : 2021
289.	Leather, Textile & Footwear	Migration of Certain Elements, Arsenic (As)	EN 16711-2:2015/ BS EN 16711-2: : 2021
290.	Leather, Textile & Footwear	Migration of Certain Elements, Copper (Cu)	EN 16711-2:2015/ BS EN 16711-2: : 2021
291.	Leather, Textile & Footwear	Migration of Certain Elements, Mercury (Hg)	EN 16711-2:2015/ BS EN 16711-2: : 2015
292.	Leather, Textile & Footwear	Migration of Certain Elements, Antimony (Sb)	EN 16711-2:2015/ BS EN 16711-2: 2021
293.	Leather, Textile & Footwear	Migration of Certain Elements, Cadmium (Cd)	EN 16711-2:2015/ BS EN 16711-2: : 2021
294.	Leather, Textile & Footwear	Migration of Certain Elements, Chromium (Cr)	EN 16711-2:2015/ BS EN 16711-2: : 2021
295.	Leather, Textile & Footwear	Migration of Certain Elements- Aluminium	EN 71-3 (A1: 2021): 2019, EN 16711-3:2019/ BS EN 16711-3,BS EN 71-3:2019+A2:2024
296.	Leather, Textile & Footwear	Antimony	EN 71-3 (A1: 2021): 2019, EN 16711-3:2019/ BS EN 16711-3,BS EN 71-3:2019+A2:2024
297.	Leather, Textile & Footwear	Arsenic	EN 71-3 (A1: 2021): 2019, EN 16711-3:2019/ BS EN 16711-3,BS EN 71-3:2019+A2:2024
298.	Leather, Textile & Footwear	Barium	EN 71-3 (A1: 2021): 2019, EN 16711-3:2019/ BS EN 16711-3,BS EN 71-3:2019+A2:2024

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
299.	Leather, Textile & Footwear	Boron	EN 71-3 (A1: 2021): 2019, EN 16711-3:2019/ BS EN 16711-3, BS EN 71-3:2019+A2:2024
300.	Leather, Textile & Footwear	Cadmium	EN 71-3 (A1: 2021): 2019, EN 16711-3:2019/ BS EN 16711-3, BS EN 71-3:2019+A2:2024
301.	Leather, Textile & Footwear	Chromium (III)	EN 71-3 (A1: 2021): 2019, EN 16711-3:2019/ BS EN 16711-3, BS EN 71-3:2019+A2:2024
302.	Leather, Textile & Footwear	Chromium (VI)	EN 71-3 (A1: 2021): 2019, EN 16711-3:2019/ BS EN 16711-3, BS EN 71-3:2019+A2:2024
303.	Leather, Textile & Footwear	Cobalt	EN 71-3 (A1: 2021): 2019, EN 16711-3:2019/ BS EN 16711-3, BS EN 71-3:2019+A2:2024
304.	Leather, Textile & Footwear	Copper	EN 71-3 (A1: 2021): 2019, EN 16711-3:2019/ BS EN 16711-3, BS EN 71-3:2019+A2:2024
305.	Leather, Textile & Footwear	Lead	EN 71-3 (A1: 2021): 2019, EN 16711-3:2019/ BS EN 16711-3, BS EN 71-3:2019+A2:2024
306.	Leather, Textile & Footwear	Manganese	EN 71-3 (A1: 2021): 2019, EN 16711-3:2019/ BS EN 16711-3, BS EN 71-3:2019+A2:2024

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
307.	Leather, Textile & Footwear	Mercury	EN 71-3 (A1: 2021): 2019, EN 16711-3:2019/ BS EN 16711-3, BS EN 71-3:2019+A2:2024
308.	Leather, Textile & Footwear	Nickel	EN 71-3 (A1: 2021): 2019, EN 16711-3:2019/ BS EN 16711-3, BS EN 71-3:2019+A2:2024
309.	Leather, Textile & Footwear	Organic tin	EN 71-3 (A1: 2021): 2019, EN 16711-3:2019/ BS EN 16711-3, BS EN 71-3:2019+A2:2024
310.	Leather, Textile & Footwear	Selenium	EN 71-3 (A1: 2021): 2019, EN 16711-3:2019/ BS EN 16711-3, BS EN 71-3:2019+A2:2024
311.	Leather, Textile & Footwear	Strontium	EN 71-3 (A1: 2021): 2019, EN 16711-3:2019/ BS EN 16711-3, BS EN 71-3:2019+A2:2024
312.	Leather, Textile & Footwear	Tin	EN 71-3 (A1: 2021): 2019, EN 16711-3:2019/ BS EN 16711-3, BS EN 71-3:2019+A2:2024
313.	Leather, Textile & Footwear	Zinc	EN 71-3 (A1: 2021): 2019, EN 16711-3:2019/ BS EN 16711-3, BS EN 71-3:2019+A2:2024
314.	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, IS 9873-3 : 2020, ASTM F2999:19

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
315.	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, IS 9873-3 : 2020, ASTM F2999:19, F2923-20
316.	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, IS 9873-3 : 2020, ASTM F2999:19, F2923-20
317.	Toys, Sports Equipment and Similar Products	Migration of Certain Elements Safety of Toys Part 3 Migration of Certain Elements, Cadmium (Cd)	ISO 8124-3:2020/Amd.1:2023, IS 9873-7, IS 9873-3 : 2020, ASTM F2999:19, F2923-20
318.	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, IS 9873-3 : 2020, ASTM F2999:19, F2923-20
319.	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, IS 9873-3 : 2020, ASTM F2999:19, F2923-20
320.	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, IS 9873-3 : 2020, ASTM F2999:19, F2923-20
321.	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, IS 9873-3 : 2020, ASTM F2999:19, F2923-20

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
		of Certain Elements, Selenium (Se)	
322.	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, IS 9873-3 : 2020, ASTM F2999:19, F2923-20
323.	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)
324.	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)
325.	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)
326.	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)

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
327.	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)
328.	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)
329.	Toys, Sports Equipment and Similar Products	Determination of total concentration of heavy metals Lead (Pb) Cadmium (Cd) Alluminium (Al) Antimony (Sb) Arsenic (As) Barium (Ba) Boron (B) Chromium (Cr) Cobalt (Co) Copper (Cu) Manganese (Mn) Mercury (Hg) Nickel (Ni) Selenium (Se)	ISO 8124-5:2015 DIN 54233-1:2010 PDCR 13695-1:2000 PDCR 13695-2:2004 The European Directive 94/62/EC1 on packaging and packaging waste, and theregulation of the Coalition of Northeastern Governors (CONEG) EN 16711-1:2015 ISO 17072-2:2011 GB/T 30157-2013 CPSC-CHE1001-08.3:Nov15,2012 CPSC-CHE1002-08.3:Nov15,2012 CPSC-CH-E1003-09.1:Feb25,2011 16 CFR Part1303:2018: 2018

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
		Strontium (Sr) Tin (Sn) Zinc (Zn) Ferrous (Fe)	
330.	Toys, Sports Equipment and Similar Products	Determination of Certain Phthalate Esters di iso butyl phthalate (DIBP)	ISO 14389 : 2014, ASTM F 2999-29, ASTM F 2923-20
331.	Toys, Sports Equipment and Similar Products	Determination of Certain Phthalate Esters, Bis(2-ethylhexyl) phthalate(DEHP)	ISO 14389 : 2014, ASTM F 2999-29, ASTM F 2923-20
332.	Toys, Sports Equipment and Similar Products	Determination of Certain Phthalate Esters, Butyl Benzyl phthalate(BBP)	ISO 14389 : 2014, ASTM F 2999-29, ASTM F 2923-20
333.	Toys, Sports Equipment and Similar Products	Determination of Certain Phthalate Esters, di n hexyl phthalate	ISO 14389 : 2014, ASTM F 2999-29, ASTM F 2923-20
334.	Toys, Sports Equipment and Similar Products	Determination of Certain Phthalate Esters, Di-iso-decyl phthalate(DIDP)	ISO 14389 : 2014, ASTM F 2999-29, ASTM F 2923-20
335.	Toys, Sports Equipment and Similar Products	Determination of Certain Phthalate Esters, Di-iso-nonyl phthalate(DINP)	ISO 14389 : 2014, ASTM F 2999-29, ASTM F 2923-20
336.	Toys, Sports Equipment and Similar Products	Determination of Certain Phthalate Esters, Di-n-butyl phthalate(DBP)	ISO 14389 : 2014, ASTM F 2999-29, ASTM F 2923-20

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
337.	Toys, Sports Equipment and Similar Products	Determination of Certain Phthalate Esters, Di-n-octyl phthalate(DNOP)	ISO 14389 : 2014, ASTM F 2999-29, ASTM F 2923-20
338.	Toys, Sports Equipment ,Finger paint and Similar Products	N-Nitroso dimethylamine	Clause 4.9 of IS 9873-7:2017, Clause 4.9 of ISO 8124-7: 2015, ,ISO 8124-7: 2015/Amd.1:2020/ Clause 4.9 of EN 71-7:2014+A2: 2018, Clause 4.9 of EN 71-7:2014+A3: 2020, Clause 7.2.1 and Clause 8 of EN 71-12:2013
339.	Toys, Sports Equipment ,Finger paint and Similar Products	N-Nitrosodiethylamine	Clause 4.9 of IS 9873-7:2017, Clause 4.9 of ISO 8124-7: 2015, ,ISO 8124-7: 2015/Amd.1:2020/ Clause 4.9 of EN 71-7:2014+A2: 2018, Clause 4.9 of EN 71-7:2014+A3: 2020, Clause 7.2.1 and Clause 8 of EN 71-12:2013
340.	Toys, Sports Equipment ,Finger paint and Similar Products	N-Nitrosodipropylamine	Clause 4.9 of IS 9873-7:2017, Clause 4.9 of ISO 8124-7: 2015, ,ISO 8124-7: 2015/Amd.1:2020/ Clause 4.9 of EN 71-7:2014+A2: 2018, Clause 4.9 of EN 71-7:2014+A3: 2020, Clause 7.2.1 and Clause 8 of EN 71-12:2013
341.	Toys, Sports Equipment ,Finger paint and Similar Products	N-Nitrosodibutylamine	Clause 4.9 of IS 9873-7:2017, Clause 4.9 of ISO 8124-7: 2015, ,ISO 8124-7: 2015/Amd.1:2020/ Clause 4.9 of EN 71-7:2014+A2: 2018, Clause 4.9 of

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
			EN 71-7:2014+A3: 2020, Clause 7.2.1 and Clause 8 of EN 71-12:2013
342.	Toys, Sports Equipment ,Finger paint and Similar Products	N-Nitrosopiperidine	Clause 4.9 of IS 9873-7:2017, Clause 4.9 of ISO 8124-7: 2015, ,ISO 8124-7: 2015/Amd.1:2020/ Clause 4.9 of EN 71-7:2014+A2: 2018, Clause 4.9 of EN 71-7:2014+A3: 2020, Clause 7.2.1 and Clause 8 of EN 71-12:2013
343.	Toys, Sports Equipment ,Finger paint and Similar Products	N-Nitroso pyrrolidine	Clause 4.9 of IS 9873-7:2017, Clause 4.9 of ISO 8124-7: 2015, ,ISO 8124-7: 2015/Amd.1:2020/ Clause 4.9 of EN 71-7:2014+A2: 2018, Clause 4.9 of EN 71-7:2014+A3: 2020, Clause 7.2.1 and Clause 8 of EN 71-12:2013
344.	Toys, Sports Equipment ,Finger paint and Similar Products	N-Nitrosomorpholine	Clause 4.9 of IS 9873-7:2017, Clause 4.9 of ISO 8124-7: 2015, ,ISO 8124-7: 2015/Amd.1:2020/ Clause 4.9 of EN 71-7:2014+A2: 2018, Clause 4.9 of EN 71-7:2014+A3: 2020, Clause 7.2.1 and Clause 8 of EN 71-12:2013
345.	Toys, Sports Equipment ,Finger paint and Similar Products	N-Nitroso-N-methylaniline	Clause 4.9 of IS 9873-7:2017, Clause 4.9 of ISO 8124-7: 2015, ,ISO 8124-7: 2015/Amd.1:2020/ Clause 4.9 of EN 71-7:2014+A2: 2018, Clause 4.9 of EN 71-7:2014+A3: 2020, Clause 7.2.1 and Clause 8 of EN 71-12:2013

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
346.	Toys, Sports Equipment, finger paints and Similar Products	Poly Chlorinated biphenyl (PCB), HCB	Clause 4.5.2 of IS 9873-7:2017, Clause 4.5.2 of ISO 8124-7: 2015, ,ISO 8124-7: 2015/Amd.1: 2020 / Clause 4.5.2 of EN 71-7: 2014+A2: 2018, Clause 4.5.2 of EN 71-7: 2014+A3: 2020
347.	Toys, Sports Equipment, finger paints and Similar Products	Poly Chlorinated biphenyl (PCB), PCB 101	Clause 4.5.2 of IS 9873-7:2017, Clause 4.5.2 of ISO 8124-7: 2015, ,ISO 8124-7: 2015/Amd.1: 2020 / Clause 4.5.2 of EN 71-7: 2014+A2: 2018, Clause 4.5.2 of EN 71-7: 2014+A3: 2020
348.	Toys, Sports Equipment, finger paints and Similar Products	Poly Chlorinated biphenyl (PCB), PCB 11	Clause 4.5.2 of IS 9873-7:2017, Clause 4.5.2 of ISO 8124-7: 2015, ,ISO 8124-7: 2015/Amd.1: 2020 / Clause 4.5.2 of EN 71-7: 2014+A2: 2018, Clause 4.5.2 of EN 71-7: 2014+A3: 2020
349.	Toys, Sports Equipment, finger paints and Similar Products	Poly Chlorinated biphenyl (PCB), PCB 118	Clause 4.5.2 of IS 9873-7:2017, Clause 4.5.2 of ISO 8124-7: 2015, ,ISO 8124-7: 2015/Amd.1: 2020 / Clause 4.5.2 of EN 71-7: 2014+A2: 2018, Clause 4.5.2 of EN 71-7: 2014+A3: 2020

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
350.	Toys, Sports Equipment, finger paints and Similar Products	Poly Chlorinated biphenyl (PCB), PCB 138	Clause 4.5.2 of IS 9873-7:2017, Clause 4.5.2 of ISO 8124-7: 2015, ,ISO 8124-7: 2015/Amd.1: 2020 / Clause 4.5.2 of EN 71-7: 2014+A2: 2018, Clause 4.5.2 of EN 71-7: 2014+A3: 2020
351.	Toys, Sports Equipment, finger paints and Similar Products	Poly Chlorinated biphenyl (PCB), PCB 153	Clause 4.5.2 of IS 9873-7:2017, Clause 4.5.2 of ISO 8124-7: 2015, ,ISO 8124-7: 2015/Amd.1: 2020 / Clause 4.5.2 of EN 71-7: 2014+A2: 2018, Clause 4.5.2 of EN 71-7: 2014+A3: 2020
352.	Toys, Sports Equipment, finger paints and Similar Products	Poly Chlorinated biphenyl (PCB), PCB 180	Clause 4.5.2 of IS 9873-7:2017, Clause 4.5.2 of ISO 8124-7: 2015, ,ISO 8124-7: 2015/Amd.1: 2020 / Clause 4.5.2 of EN 71-7: 2014+A2: 2018, Clause 4.5.2 of EN 71-7: 2014+A3: 2020
353.	Toys, Sports Equipment, finger paints and Similar Products	Poly Chlorinated biphenyl (PCB), PCB 209	Clause 4.5.2 of IS 9873-7:2017, Clause 4.5.2 of ISO 8124-7: 2015, ,ISO 8124-7: 2015/Amd.1: 2020 / Clause 4.5.2 of EN 71-7: 2014+A2: 2018, Clause 4.5.2 of EN 71-7: 2014+A3: 2020

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
354.	Toys, Sports Equipment, finger paints and Similar Products	Poly Chlorinated biphenyl (PCB), PCB 28	Clause 4.5.2 of IS 9873-7:2017, Clause 4.5.2 of ISO 8124-7: 2015, ,ISO 8124-7: 2015/Amd.1: 2020 / Clause 4.5.2 of EN 71-7: 2014+A2: 2018, Clause 4.5.2 of EN 71-7: 2014+A3: 2020
355.	Toys, Sports Equipment, finger paints and Similar Products	Poly Chlorinated biphenyl (PCB), PCB 52	Clause 4.5.2 of IS 9873-7:2017, Clause 4.5.2 of ISO 8124-7: 2015, ,ISO 8124-7: 2015/Amd.1: 2020 / Clause 4.5.2 of EN 71-7: 2014+A2: 2018, Clause 4.5.2 of EN 71-7: 2014+A3: 2020
356.	Leather, Sports Equipment and Similar Products	Determination of lead content	IS 12240 (part 5), Cl. 5.7 of IS 12254 : 1993
357.	Paints- Container of Finger paints	Label Containing warning of taste & smell	IS 9873-7:2017, ISO 8124-7: 2015, SO 8124-7: 2015/Amd.1:2020, EN 71-7:2014+A2: 2018, EN 71-7:2014+A3:: 2015
358.	Finger paints	azo-dyes-aminobiphenyl	Clause 4.2 and 4.5.1 of IS 9873-7: 2017, Clause 4.2 and 4.5.1 of ISO 8124-7: 2015, ,ISO 8124-7: 2015/ Amd.1:2020/ Clause 4.2 and 4.5.1 of EN 71-7:2014+A2: 2018, Clause 4.2 and 4.5.1 of EN 71-7:2014+A3: 2020,
359.	Finger paints	Benzidine	Clause 4.2 and 4.5.1 of IS 9873-7: 2017, Clause 4.2 and 4.5.1 of ISO

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
			8124-7: 2015, ,ISO 8124-7: 2015/ Amd.1:2020/ Clause 4.2 and 4.5.1 of EN 71-7:2014+A2: 2018,Clause 4.2 and 4.5.1 of EN 71-7:2014+A3: 2020,
360.	Finger paints	4-chloro-o-toluidine	Clause 4.2 and 4.5.1 of IS 9873-7: 2017,Clause 4.2 and 4.5.1 of ISO 8124-7: 2015, ,ISO 8124-7: 2015/ Amd.1:2020/ Clause 4.2 and 4.5.1 of EN 71-7:2014+A2: 2018,Clause 4.2 and 4.5.1 of EN 71-7:2014+A3: 2020,
361.	Finger paints	2-naphthylamine	Clause 4.2 and 4.5.1 of IS 9873-7: 2017,Clause 4.2 and 4.5.1 of ISO 8124-7: 2015, ,ISO 8124-7: 2015/ Amd.1:2020/ Clause 4.2 and 4.5.1 of EN 71-7:2014+A2: 2018,Clause 4.2 and 4.5.1 of EN 71-7:2014+A3: 2020,
362.	Finger paints	o-aminoazotoluene	Clause 4.2 and 4.5.1 of IS 9873-7: 2017,Clause 4.2 and 4.5.1 of ISO 8124-7: 2015, ,ISO 8124-7: 2015/ Amd.1:2020/ Clause 4.2 and 4.5.1 of EN 71-7:2014+A2: 2018,Clause 4.2 and 4.5.1 of EN 71-7:2014+A3: 2020,
363.	Finger paints	2-amino-4-nitrotoluene	Clause 4.2 and 4.5.1 of IS 9873-7: 2017,Clause 4.2 and 4.5.1 of ISO 8124-7: 2015, ,ISO 8124-7: 2015/ Amd.1:2020/ Clause 4.2 and 4.5.1 of

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
			EN 71-7:2014+A2: 2018, Clause 4.2 and 4.5.1 of EN 71-7:2014+A3: 2020,
364.	Finger paints	p-chloroaniline	Clause 4.2 and 4.5.1 of IS 9873-7: 2017, Clause 4.2 and 4.5.1 of ISO 8124-7: 2015, ,ISO 8124-7: 2015/ Amd.1:2020/ Clause 4.2 and 4.5.1 of EN 71-7:2014+A2: 2018, Clause 4.2 and 4.5.1 of EN 71-7:2014+A3: 2020,
365.	Finger paints	2,4-diaminoanisole	Clause 4.2 and 4.5.1 of IS 9873-7: 2017, Clause 4.2 and 4.5.1 of ISO 8124-7: 2015, ,ISO 8124-7: 2015/ Amd.1:2020/ Clause 4.2 and 4.5.1 of EN 71-7:2014+A2: 2018, Clause 4.2 and 4.5.1 of EN 71-7:2014+A3: 2020,
366.	Finger paints	4,4'- diaminodiphenylmethane	Clause 4.2 and 4.5.1 of IS 9873-7: 2017, Clause 4.2 and 4.5.1 of ISO 8124-7: 2015, ,ISO 8124-7: 2015/ Amd.1:2020/ Clause 4.2 and 4.5.1 of EN 71-7:2014+A2: 2018, Clause 4.2 and 4.5.1 of EN 71-7:2014+A3: 2020,
367.	Finger paints	3,3'-dichlorobenzidine	Clause 4.2 and 4.5.1 of IS 9873-7: 2017, Clause 4.2 and 4.5.1 of ISO 8124-7: 2015, ,ISO 8124-7: 2015/ Amd.1:2020/ Clause 4.2 and 4.5.1 of EN 71-7:2014+A2: 2018, Clause 4.2 and 4.5.1 of EN 71-7:2014+A3: 2020,

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
368.	Finger paints	3,3'-dimethoxybenzidine	Clause 4.2 and 4.5.1 of IS 9873-7: 2017, Clause 4.2 and 4.5.1 of ISO 8124-7: 2015, ISO 8124-7: 2015/ Amd.1:2020/ Clause 4.2 and 4.5.1 of EN 71-7:2014+A2: 2018, Clause 4.2 and 4.5.1 of EN 71-7:2014+A3: 2020,
369.	Finger paints	3,3'-dimethylbenzidine	Clause 4.2 and 4.5.1 of IS 9873-7: 2017, Clause 4.2 and 4.5.1 of ISO 8124-7: 2015, ISO 8124-7: 2015/ Amd.1:2020/ Clause 4.2 and 4.5.1 of EN 71-7:2014+A2: 2018, Clause 4.2 and 4.5.1 of EN 71-7:2014+A3: 2020,
370.	Finger paints	3,3'-dimethyl-4,4'-diaminodiphenylmethane	Clause 4.2 and 4.5.1 of IS 9873-7: 2017, Clause 4.2 and 4.5.1 of ISO 8124-7: 2015, ISO 8124-7: 2015/ Amd.1:2020/ Clause 4.2 and 4.5.1 of EN 71-7:2014+A2: 2018, Clause 4.2 and 4.5.1 of EN 71-7:2014+A3: 2020,
371.	Finger paints	p-cresidine	Clause 4.2 and 4.5.1 of IS 9873-7: 2017, Clause 4.2 and 4.5.1 of ISO 8124-7: 2015, ISO 8124-7: 2015/ Amd.1:2020/ Clause 4.2 and 4.5.1 of EN 71-7:2014+A2: 2018, Clause 4.2 and 4.5.1 of EN 71-7:2014+A3: 2020,
372.	Finger paints	4,4'-methylen-bis(2-chloraniline)	Clause 4.2 and 4.5.1 of IS 9873-7: 2017, Clause 4.2 and 4.5.1 of ISO

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
			8124-7: 2015, ,ISO 8124-7: 2015/ Amd.1:2020/ Clause 4.2 and 4.5.1 of EN 71-7:2014+A2: 2018,Clause 4.2 and 4.5.1 of EN 71-7:2014+A3: 2020,
373.	Finger paints	4,4'-oxydianiline	Clause 4.2 and 4.5.1 of IS 9873-7: 2017,Clause 4.2 and 4.5.1 of ISO 8124-7: 2015, ,ISO 8124-7: 2015/ Amd.1:2020/ Clause 4.2 and 4.5.1 of EN 71-7:2014+A2: 2018,Clause 4.2 and 4.5.1 of EN 71-7:2014+A3: 2020,
374.	Finger paints	4,4'-thiodianiline	Clause 4.2 and 4.5.1 of IS 9873-7: 2017,Clause 4.2 and 4.5.1 of ISO 8124-7: 2015, ,ISO 8124-7: 2015/ Amd.1:2020/ Clause 4.2 and 4.5.1 of EN 71-7:2014+A2: 2018,Clause 4.2 and 4.5.1 of EN 71-7:2014+A3: 2020,
375.	Finger paints	o-toluidine	Clause 4.2 and 4.5.1 of IS 9873-7: 2017,Clause 4.2 and 4.5.1 of ISO 8124-7: 2015, ,ISO 8124-7: 2015/ Amd.1:2020/ Clause 4.2 and 4.5.1 of EN 71-7:2014+A2: 2018,Clause 4.2 and 4.5.1 of EN 71-7:2014+A3: 2020,
376.	Finger paints	2,4-toluylendiamine	Clause 4.2 and 4.5.1 of IS 9873-7: 2017,Clause 4.2 and 4.5.1 of ISO 8124-7: 2015, ,ISO 8124-7: 2015/ Amd.1:2020/ Clause 4.2 and 4.5.1 of

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	Hazardous & Restricted Chemicals		
			EN 71-7:2014+A2: 2018, Clause 4.2 and 4.5.1 of EN 71-7:2014+A3: 2020,
377.	Finger paints	2,4,5-trimethylaniline	Clause 4.2 and 4.5.1 of IS 9873-7: 2017, Clause 4.2 and 4.5.1 of ISO 8124-7: 2015, ,ISO 8124-7: 2015/ Amd.1:2020/ Clause 4.2 and 4.5.1 of EN 71-7:2014+A2: 2018, Clause 4.2 and 4.5.1 of EN 71-7:2014+A3: 2020,
378.	Finger paints	2,4-dimethylaniline (=2,4-Xylidine)	Clause 4.2 and 4.5.1 of IS 9873-7: 2017, Clause 4.2 and 4.5.1 of ISO 8124-7: 2015, ,ISO 8124-7: 2015/ Amd.1:2020/ Clause 4.2 and 4.5.1 of EN 71-7:2014+A2: 2018, Clause 4.2 and 4.5.1 of EN 71-7:2014+A3: 2020,
379.	Finger paints	2,6-dimethylaniline (=2,6-Xylidine)	Clause 4.2 and 4.5.1 of IS 9873-7: 2017, Clause 4.2 and 4.5.1 of ISO 8124-7: 2015, ,ISO 8124-7: 2015/ Amd.1:2020/ Clause 4.2 and 4.5.1 of EN 71-7:2014+A2: 2018, Clause 4.2 and 4.5.1 of EN 71-7:2014+A3: 2020,
380.	Finger paints	2-methoxyaniline (=o-anisidine)	Clause 4.2 and 4.5.1 of IS 9873-7: 2017, Clause 4.2 and 4.5.1 of ISO 8124-7: 2015, ,ISO 8124-7: 2015/ Amd.1:2020/ Clause 4.2 and 4.5.1 of EN 71-7:2014+A2: 2018, Clause 4.2 and 4.5.1 of EN 71-7:2014+A3: 2020,

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
381.	Finger paints	4-aminoazobenzene	Clause 4.2 and 4.5.1 of IS 9873-7: 2017, Clause 4.2 and 4.5.1 of ISO 8124-7: 2015, ISO 8124-7: 2015/ Amd.1:2020/ Clause 4.2 and 4.5.1 of EN 71-7:2014+A2: 2018, Clause 4.2 and 4.5.1 of EN 71-7:2014+A3: 2020,
382.	Finger paints	General Requirement	Clause 4.1 of IS 9873-7:2017, Clause 4.1 of ISO 8124-7: 2015, ISO 8124-7: 2015/Amd.1:2020/ Clause 4.1 of EN 71-7:2014+A2: 2018, Clause 4.1 of EN 71-7:2014+A3: 2020
383.	Finger paints	Polycyclic Aromatic Hydrocarbons (PAHs)- Benzo(a)pyrene	Clause 4.5.2 of IS 9873-7:2017, Clause 4.5.2 of ISO 8124-7: 2015, ISO 8124-7: 2015/Amd.1 :2020 / Clause 4.5.2 of EN 71-7: 2014+A2: 2018, Clause 4.5.2 of EN 71-7: 2014+A3: 2020
384.	Finger paints	Benzo(e)pyrene	Clause 4.5.2 of IS 9873-7:2017, Clause 4.5.2 of ISO 8124-7: 2015, ISO 8124-7: 2015/Amd.1 :2020 / Clause 4.5.2 of EN 71-7: 2014+A2: 2018, Clause 4.5.2 of EN 71-7: 2014+A3: 2020
385.	Finger paints	Benz(a)anthracene	Clause 4.5.2 of IS 9873-7:2017, Clause 4.5.2 of ISO 8124-7: 2015, ISO 8124-7: 2015/Amd.1 :2020 /

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
			Clause 4.5.2 of EN 71-7: 2014+A2: 2018, Clause 4.5.2 of EN 71-7: 2014+A3: 2020
386.	Finger paints	Benzo(a)phenanthrene	Clause 4.5.2 of IS 9873-7:2017, Clause 4.5.2 of ISO 8124-7: 2015, ISO 8124-7: 2015/Amd.1 :2020 / Clause 4.5.2 of EN 71-7: 2014+A2: 2018, Clause 4.5.2 of EN 71-7: 2014+A3: 2020
387.	Finger paints	Benzo(b) flouranthene	Clause 4.5.2 of IS 9873-7:2017, Clause 4.5.2 of ISO 8124-7: 2015, ISO 8124-7: 2015/Amd.1 :2020 / Clause 4.5.2 of EN 71-7: 2014+A2: 2018, Clause 4.5.2 of EN 71-7: 2014+A3: 2020
388.	Finger paints	Benzo(j) flouranthene	Clause 4.5.2 of IS 9873-7:2017, Clause 4.5.2 of ISO 8124-7: 2015, ISO 8124-7: 2015/Amd.1 :2020 / Clause 4.5.2 of EN 71-7: 2014+A2: 2018, Clause 4.5.2 of EN 71-7: 2014+A3: 2020
389.	Finger paints	Benzo(k)flouranthene	Clause 4.5.2 of IS 9873-7:2017, Clause 4.5.2 of ISO 8124-7: 2015, ISO 8124-7: 2015/Amd.1 :2020 / Clause 4.5.2 of EN 71-7: 2014+A2: 2018, Clause 4.5.2 of EN 71-7: 2014+A3: 2020

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
			2018, Clause 4.5.2 of EN 71-7: 2014+A3: 2020
390.	Finger paints	Dibenzo(a,h)anthracene	Clause 4.5.2 of IS 9873-7:2017, Clause 4.5.2 of ISO 8124-7: 2015, ISO 8124-7: 2015/Amd.1 :2020 / Clause 4.5.2 of EN 71-7: 2014+A2: 2018, Clause 4.5.2 of EN 71-7: 2014+A3: 2020
391.	Finger paints	Naphthalene	Clause 4.5.2 of IS 9873-7:2017, Clause 4.5.2 of ISO 8124-7: 2015, ISO 8124-7: 2015/Amd.1 :2020 / Clause 4.5.2 of EN 71-7: 2014+A2: 2018, Clause 4.5.2 of EN 71-7: 2014+A3: 2020
392.	Finger paints	Acenaphthylene	Clause 4.5.2 of IS 9873-7:2017, Clause 4.5.2 of ISO 8124-7: 2015, ISO 8124-7: 2015/Amd.1 :2020 / Clause 4.5.2 of EN 71-7: 2014+A2: 2018, Clause 4.5.2 of EN 71-7: 2014+A3: 2020
393.	Finger paints	Acenaphthene	Clause 4.5.2 of IS 9873-7:2017, Clause 4.5.2 of ISO 8124-7: 2015, ISO 8124-7: 2015/Amd.1 :2020 / Clause 4.5.2 of EN 71-7: 2014+A2: 2018, Clause 4.5.2 of EN 71-7: 2014+A3: 2020

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
394.	Finger paints	Flourene	Clause 4.5.2 of IS 9873-7:2017 ,Clause 4.5.2 of ISO 8124-7: 2015, ,ISO 8124-7: 2015/Amd.1 :2020 / Clause 4.5.2 of EN 71-7: 2014+A2: 2018,Clause 4.5.2 of EN 71-7: 2014+A3: 2020
395.	Finger paints	Phenanthrene	Clause 4.5.2 of IS 9873-7:2017 ,Clause 4.5.2 of ISO 8124-7: 2015, ,ISO 8124-7: 2015/Amd.1 :2020 / Clause 4.5.2 of EN 71-7: 2014+A2: 2018,Clause 4.5.2 of EN 71-7: 2014+A3: 2020
396.	Finger paints	Anthracene	Clause 4.5.2 of IS 9873-7:2017 ,Clause 4.5.2 of ISO 8124-7: 2015, ,ISO 8124-7: 2015/Amd.1 :2020 / Clause 4.5.2 of EN 71-7: 2014+A2: 2018,Clause 4.5.2 of EN 71-7: 2014+A3: 2020
397.	Finger paints	Fluoranthene	Clause 4.5.2 of IS 9873-7:2017 ,Clause 4.5.2 of ISO 8124-7: 2015, ,ISO 8124-7: 2015/Amd.1 :2020 / Clause 4.5.2 of EN 71-7: 2014+A2: 2018,Clause 4.5.2 of EN 71-7: 2014+A3: 2020
398.	Finger paints	Pyrene	Clause 4.5.2 of IS 9873-7:2017 ,Clause 4.5.2 of ISO 8124-7: 2015,

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	Hazardous & Restricted Chemicals		
			,ISO 8124-7: 2015/Amd.1 :2020 / Clause 4.5.2 of EN 71-7: 2014+A2: 2018, Clause 4.5.2 of EN 71-7: 2014+A3: 2020
399.	Finger paints	Benzo(ghi)perylene	Clause 4.5.2 of IS 9873-7:2017 ,Clause 4.5.2 of ISO 8124-7: 2015, ,ISO 8124-7: 2015/Amd.1 :2020 / Clause 4.5.2 of EN 71-7: 2014+A2: 2018, Clause 4.5.2 of EN 71-7: 2014+A3: 2020
400.	Finger paints	Indeno(1,2,3-cd)pyrene	Clause 4.5.2 of IS 9873-7:2017 ,Clause 4.5.2 of ISO 8124-7: 2015, ,ISO 8124-7: 2015/Amd.1 :2020 / Clause 4.5.2 of EN 71-7: 2014+A2: 2018, Clause 4.5.2 of EN 71-7: 2014+A3: 2020
401.	Finger Paints	Labelling guideline	IS 9873-7:2017, ISO 8124-7: 2015, ,ISO 8124-7: 2015/Amd.1:2020, EN 71-7:2014+A2: 2018, EN 71-7:2014+A3: 2020
402.	Finger Paints	Migration of Certain Elements Safety of Toys Part 3 Migration of Certain Elements, Antimony (Sb)	Clause 4.4 of IS 9873-7:2017, Clause 4.4 of ISO 8124-7: 2015, ,ISO 8124-7: 2015/Amd.1:2020/ Clause 4.4 of EN 71-7:2014+A2: 2018, Clause 4.4 of EN 71-7:2014+A3: 2020, ASTM F963-23

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
403.	Finger Paints	Migration of Certain Elements Safety of Toys Part 3 Migration of Certain Elements, Barium(Ba)	Clause 4.4 of IS 9873-7:2017, Clause 4.4 of ISO 8124-7: 2015, ,ISO 8124-7: 2015/Amd.1:2020/ Clause 4.4 of EN 71-7:2014+A2: 2018, Clause 4.4 of EN 71-7:2014+A3: 2020, ASTM F963-23
404.	Finger Paints	Migration of Certain Elements Safety of Toys Part 3 Migration of Certain Elements, Cadmium (Cd)	Clause 4.4 of IS 9873-7:2017, Clause 4.4 of ISO 8124-7: 2015, ,ISO 8124-7: 2015/Amd.1:2020/ Clause 4.4 of EN 71-7:2014+A2: 2018, Clause 4.4 of EN 71-7:2014+A3: 2020, ASTM F963-23
405.	Finger Paints	Migration of Certain Elements Safety of Toys Part 3 Migration of Certain Elements, Chromium (Cr)	Clause 4.4 of IS 9873-7:2017, Clause 4.4 of ISO 8124-7: 2015, ,ISO 8124-7: 2015/Amd.1:2020/ Clause 4.4 of EN 71-7:2014+A2: 2018, Clause 4.4 of EN 71-7:2014+A3: 2020, ASTM F963-23
406.	Finger Paints	Migration of Certain Elements Safety of Toys Part 3 Migration of Certain Elements, Lead (Pb)	Clause 4.4 of IS 9873-7:2017, Clause 4.4 of ISO 8124-7: 2015, ,ISO 8124-7: 2015/Amd.1:2020/ Clause 4.4 of EN 71-7:2014+A2: 2018, Clause 4.4 of EN 71-7:2014+A3: 2020, ASTM F963-23
407.	Finger Paints	Migration of Certain Elements Safety of Toys Part 3 Migration	Clause 4.4 of IS 9873-7:2017, Clause 4.4 of ISO 8124-7: 2015, ,ISO 8124-7:

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
		of Certain Elements, Mercury (Hg)	2015/Amd.1:2020/ Clause 4.4 of EN 71-7:2014+A2: 2018, Clause 4.4 of EN 71-7:2014+A3: 2020, ASTM F963-23
408.	Finger Paints	Migration of Certain Elements Safety of Toys Part 3 Migration of Certain Elements, Selenium (Se)	Clause 4.4 of IS 9873-7:2017, Clause 4.4 of ISO 8124-7: 2015, ,ISO 8124-7: 2015/Amd.1:2020/ Clause 4.4 of EN 71-7:2014+A2: 2018, Clause 4.4 of EN 71-7:2014+A3: 2020, ASTM F963-23
409.	Finger Paints	Migration of Certain Elements Safety of Toys Part 3 Migration of Certain Elements, Barium (Ba)	Clause 4.4 of IS 9873-7:2017, Clause 4.4 of ISO 8124-7: 2015, ,ISO 8124-7: 2015/Amd.1:2020/ Clause 4.4 of EN 71-7:2014+A2: 2018, Clause 4.4 of EN 71-7:2014+A3: 2020, ASTM F963-23
410.	Finger Paints	pH Value	Clause 4.7 of IS 9873-7:2017, Clause 4.7 of ISO 8124-7: 2015, ,ISO 8124-7: 2015/Amd.1:2020, Clause 4.7 of EN 71-7:2014+A2: 2018, Clause 4.7 of EN 71-7:2014+A3: 2020, ISO 787-9: 2019
411.	Finger Paints	Preservatives: 2- phenylphenol (OPP), MIT, Triclosan	Clause 4.3 of IS 9873-7:2017, Clause 4.3 of ISO 8124-7: 2015, ,ISO 8124-7: 2015/Amd.1:2020/ Clause 4.3 of EN

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
			71-7:2014+A2: 2018, Clause 4.3 of EN 71-7:2014+A3: 2020
412.	Finger Paints	Taste and Smell: Naringin(10236-47-2), Denatonium Benzoate (3734-33-6)	Clause 4.6 of IS 9873-7:2017, Clause 4.6 of ISO 8124-7: 2015, ,ISO 8124-7: 2015/Amd.1:2020/ Clause 4.6 of EN 71-7:2014+A2: 2018, Clause 4.6 of EN 71-7:2014+A3: 2020
413.	Finger Paints	Visual Check of Binding agents, extendors, humectants and surfactants	Clause 4.8 of IS 9873-7:2017, Clause 4.8 of ISO 8124-7: 2015, ,ISO 8124-7: 2015/Amd.1:2020/ Clause 4.8 of EN 71-7:2014+A2: 2018, Clause 4.8 of EN 71-7:2014+A3: 2020
414.	Finger Paints	impurities in Finger Paints:1) Hexachlorobenzene (CAS No. 118-74-1)	Clause 4.6 of IS 9873-7:2017, Clause 4.6 of ISO 8124-7: 2015, ,ISO 8124-7: 2015/Amd.1:2020/ Clause 4.6 of EN 71-7:2014+A2: 2018, Clause 4.6 of EN 71-7:2020+A3:2022
415.	Toys, Sports Equipment, wood and Similar Products	Moisture contents	EN 13183-1:2002
416.	Caustic soda	Sodium carbonate (as Na ₂ CO ₃), percent by mass	IS 252 : 2013
417.	Caustic soda	Sodium hydroxide (as NaOH), percent by mass,	IS 252 : 2013
418.	Caustic soda	Chlorides (as Cl), percent by mass	IS 252 : 2013

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
419.	Caustic soda	Sulphates (as SO ₄ ²⁻), percent by mass	IS 252 : 2013
420.	Caustic soda	Silicates (as SiO ₂), percent by mass	IS 252 : 2013
421.	Caustic soda	Iron (as Fe)	IS 252 : 2013
422.	Caustic soda	Copper (as Cu)	IS 252 : 2013
423.	Caustic soda	Manganese (as Mn)	IS 252 : 2013
424.	CAUSTIC SODA	Chlorates and Perchlorates (as NaClO ₃)	IS 252 : 2013
425.	CAUSTIC SODA	Matter Insoluble in water, % by mass	IS 252 : 2013
426.	CAUSTIC SODA	Total Mercury(as Hg),	IS 252 : 2013
427.	CAUSTIC SODA	Sodium Hydroxide (as NaOH), % by mass on dry basis	IS 252 : 2013
428.	CAUSTIC SODA	Packing	IS 252 : 2013
429.	CAUSTIC SODA	Marking	IS 252 : 2013
430.	Boric Acid	Boric acid (as H ₃ BO ₃), percentage by mass	IS 10116:2020
431.	Boric Acid	Moisture percent by mass	IS 10116:2020
432.	Boric Acid	Water insoluble matter, percent by mass	IS 10116:2020

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
433.	Boric Acid	Lead (as Pb), percent by mass	IS 10116:2020
434.	Boric Acid	Iron (as Fe), percentage by mass,	IS 10116:2020
435.	Boric Acid	Calcium (as Ca), percent by mass	IS 10116:2020
436.	Boric Acid	Arsenic (as As), percent by mass	IS 10116:2020
437.	Boric Acid	Sodium (as Na), percent by mass	IS 10116:2020
438.	Boric Acid	Chloride (Cl), percent by mass	IS 10116:2020
439.	Boric Acid	Sulphate (as SO ₄), percent by mass	IS 10116:2020
440.	Boric Acid	Phosphate (PO ₄), percent by mass	IS 10116:2020
441.	Boric Acid	Marking	IS 10116:2020
442.	Morpholine	Purity (as Morpholine), percent by mass	IS 12084 : 2018
443.	Morpholine	Relative density	IS 12084 : 2018
444.	Morpholine	Colour	IS 12084 : 2018
445.	Morpholine	Boiling range	IS 12084 : 2018
446.	Morpholine	Residue, on evaporation	IS 12084 : 2018

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
447.	Morpholine	Ash content	IS 12084 : 2018
448.	Morpholine	Iron (as Fe)	IS 12084 : 2018
449.	Morpholine	Copper (as Cu)	IS 12084 : 2018
450.	Morpholine	Nickel (as Ni)	IS 12084 : 2018
451.	Morpholine	Silica (as SiO ₂)	IS 12084 : 2018
452.	Morpholine	Chloride (as Cl)	IS 12084 : 2018
453.	Barium carbonate for ceramic and glass industry	Barium (as Ba), percent by mass	IS 12928 : 1990
454.	Barium carbonate for ceramic and glass industry	Volatile Matter, percent by mass	IS 12928 : 1990
455.	Barium carbonate for ceramic and glass industry	Matter Insoluble in Hydrochloric acid	IS 12928 : 1990
456.	Barium carbonate for ceramic and glass industry	Free alkali	IS 12928 : 1990
457.	Barium carbonate for ceramic and glass industry	Water soluble sulphide (as S), percent by mass	IS 12928 : 1990
458.	Barium carbonate for ceramic and glass industry	Sulphur (as SO ₄), percent by mass	IS 12928 : 1990
459.	Barium carbonate for ceramic and glass industry	Alkali and other metal sulphates (as BaSO ₄), percent by mass	IS 12928 : 1990
460.	Barium carbonate for ceramic and glass industry	Sodium oxide (as Na ₂ O), percent by mass	IS 12928 : 1990

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
461.	Barium carbonate for ceramic and glass industry	Total iron (as Fe ₂ O ₃), percent by mass	IS 12928 : 1990
462.	Barium carbonate for ceramic and glass industry	Tap density, g/ml	IS 12928 : 1990
463.	Barium carbonate for ceramic and glass industry	Residue retained on 63 micron IS Sieve, percent by mass	IS 12928 : 1990
464.	Barium carbonate for ceramic and glass industry	Packing	IS 12928 : 1990
465.	Barium carbonate for ceramic and glass industry	Marking	IS 12928 : 1990
466.	Phosphorous pentachloride	Phosphorus Pentachloride (as PCl ₅), percent by mass	IS 11744: 2020
467.	Phosphorous pentachloride	Bulk Density	IS 11744: 2020
468.	PHOSPHOROUS PENTACHLORIDE	Iron	IS 11744: 2020
469.	PHOSPHOROUS PENTACHLORIDE	Lead	IS 11744: 2020
470.	PHOSPHOROUS PENTACHLORIDE	Sulphate	IS 11744: 2020
471.	Sodium Formaldehyde Sulphoxylate	Sodium formaldehyde sulphoxylate dihydrate , percent by mass	IS 4505:2015
472.	Sodium Formaldehyde Sulphoxylate	pH	IS 4505:2015

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
473.	Sodium Formaldehyde Sulphoxylate	Iron	IS 4505:2015
474.	Sodium Formaldehyde Sulphoxylate	Copper	IS 4505:2015
475.	Sodium Formaldehyde Sulphoxylate	Zinc	IS 4505:2015
476.	Phthalic Anhydride	Crystallizing Point	IS: 5158 – 1987
477.	Phthalic Anhydride	Colour of the molten material, Hazen unit	IS: 5158 – 1987
478.	Phthalic Anhydride	Free Acidity, percent by mass	IS: 5158 – 1987
479.	Phthalic Anhydride	Total available acidity, percent by mass	IS: 5158 – 1987
480.	Phthalic Anhydride	Malic anhydride and other Oxidizable impurities	IS: 5158 – 1987
481.	Phthalic Anhydride	Ash, ppm	IS: 5158 – 1987
482.	Phthalic Anhydride	Iron content, ppm	IS: 5158 – 1987
483.	Phthalic Anhydride	Naphthaquin-one, ppm	IS: 5158 – 1987
484.	Phthalic Anhydride	Naphthalein	IS: 5158 – 1987
485.	Ether	Odour,	IS 336 : 2021
486.	Ether	Solubility	IS 336 : 2021

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
487.	Ether	Relative Density	IS 336 : 2021
488.	Ether	Peroxides	IS 336 : 2021
489.	Ether	Distillation Range	IS 336 : 2021
490.	Ether	Residue on evaporation	IS 336 : 2021
491.	Ether	Methyl Alcohol	IS 336 : 2021
492.	Ether	Aldehydes and Acetones	IS 336 : 2021
493.	Ether	Sulphurous acid and other free acids	IS 336 : 2021
494.	Potassium carbonate, anhydrous	Total Alkalinity	IS 7129: 2021
495.	Potassium carbonate, anhydrous	Potassium bicarbonate	IS 7129: 2021
496.	Potassium carbonate, anhydrous	DETERMINATION OF SULPHATES	IS 7129: 2021
497.	Potassium carbonate, anhydrous	Chlorides	IS 7129: 2021
498.	Potassium carbonate, anhydrous	Matter insoluble in water	IS 7129: 2021
499.	Potassium carbonate, anhydrous	Iron (as Fe)	IS 7129: 2021
500.	Potassium carbonate, anhydrous	Lead (as Pb)	IS 7129: 2021

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
501.	Potassium carbonate, anhydrous	Determination of loss on heating at 150 °c	IS 7129: 2021
502.	Potassium carbonate, anhydrous	Determination of sodium	IS 7129: 2021
503.	Potassium carbonate, anhydrous	Determination of calcium	IS 7129: 2021
504.	Potassium carbonate, anhydrous	Determination of magnesium	IS 7129: 2021
505.	Hazardous & Restricted Chemicals: Textile & Textile Products, Toys and sports equipment, Computing & Communications Equipment, Consumer Electronics, ROHS, Lighting: Lamps, Lighting, Fixtures, Light Bulbs, Power Tools, Small Household appliances, Large Household Appliances, Plastics & Other Polymeric Products, Leather Products, Prints, Zippers, Paints, Other (Accessories & Apparels)	Determination of total concentration of certain elements. Lead (Pb) Cadmium (Cd) Aluminium (Al) Antimony (Sb) Arsenic (As) Barium (Ba) Boron (B) Chromium (Cr) Cobalt (Co) Copper (Cu) Manganese (Mn) Mercury (Hg) Nickel (Ni) Selenium (Se) Strontium (Sr) Tin (Sn) Zinc (Zn) Ferrus (Fe)	IS 9873: Part 5: 2017, ISO 8124-5:2015 DIN 54233-1:2010 PDCR 13695-1:2000 PDCR 13695-2:2004 The European Directive 94/62/EC1 on packaging and packaging waste, and the regulation of the Coalition of Northeastern Governors (CONEG) EN 16711-1:2015 ISO 17072-2:2011 GB/T 30157-2013 CPSC CHE1001-08.3:Nov15,2012 CPSC-CHE1002-08.3:Nov15,2012 CPSC-CH-E1003-09.1:Feb25,2011 16 CFR Part 1303:2018: 2018
506.	Waste Water, Incoming water, Sludge, Dyes and Chemicals (Effluents/ Sewage/Sludge)	Alkyl Phenol -AP (OP And NP) and Alkyl phenol Ethoxylates	NP/OP: ISO 18857-2 (modified dichloromethane extraction) or ASTM D7065 (GC-MS or LC-MS(-MS))

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
	ZDHC(Zero Discharge of Hazardous Chemical)	Analysis - APEO (NPEO and OPEO)	OPEO/NPEO (n>2): ASTM D7742 ISO 18857-2
507.	discharged waste water (after etp) raw waste water (before etp)	Anti- Microbials & Biocides, Table 1B- o-Phenylphenol (+salts)	USEPA 8270E Solvent extraction, derivatization with KOH, acetic anhydride followed by GC-MS BS EN 12673-1999 an alternative method of solvent extraction and derivatization are included
508.	incoming water	Triclosan	
509.	ZDHC(Zero Discharge of Hazardous Chemical)	Permethrin	
510.		Chlorinated Paraffins, Table 1C- Medium-chain Chlorinated paraffins (MCCPs) (C14-C17)	Preparation: EPA 3510 Analysis: ISO18219-2:2021 Method for MCCP with GC-MS(NCI) or LC-MS/MS
511.		Short-chain Chlorinated paraffin (C10 – C13)	Preparation EPA 3510 Analysis: ISO18219-1:2021, ISO 12010:2019 Methods for SCCP with GC-MS(NCI) or LC-MS/MS
512.		Chlorobenzenes and Chlorotoluenes, Table 1D- Hexachlorobenzene	USEPA 8260D, 8270E, Purge and Trap, Head Space Dichloromethane extraction followed by GC-MS
513.	Waste Water, Incoming water, Sludge, Dyes and Chemicals (Effluents/ Sewage/Sludge)	1,2,3-trichlorobenzene	USEPA 8260D, 8270E, Purge and Trap, Head Space Dichloromethane extraction followed by GC-MS
514.	ZDHC(Zero Discharge of Hazardous Chemical) discharged	1,2,4-trichlorobenzene	USEPA 8260D, 8270E, Purge and Trap, Head Space Dichloromethane extraction followed by GC-MS



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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
515.	waste water (after etp) raw waste water (before etp) incoming water	1,3,5-trichlorobenzene	USEPA 8260D, 8270E, Purge and Trap, Head Space Dichloromethane extraction followed by GC-MS
516.	ZDHC(Zero Discharge of Hazardous Chemical)	1,2,3,4-tetrachlorobenzene	USEPA 8260D, 8270E, Purge and Trap, Head Space Dichloromethane extraction followed by GC-MS
517.		1,2,3,5-tetrachlorobenzene	USEPA 8260D, 8270E, Purge and Trap, Head Space Dichloromethane extraction followed by GC-MS
518.		1,2,4,5-tetrachlorobenzene	USEPA 8260D, 8270E, Purge and Trap, Head Space Dichloromethane extraction followed by GC-MS
519.		Pentachlorobenzene	USEPA 8260D, 8270E, Purge and Trap, Head Space Dichloromethane extraction followed by GC-MS
520.		Monochlorobenzene	USEPA 8260D, 8270E, Purge and Trap, Head Space Dichloromethane extraction followed by GC-MS
521.		1,3-dichlorobenzene	USEPA 8260D, 8270E, Purge and Trap, Head Space Dichloromethane extraction followed by GC-MS
522.	Waste Water, Incoming water, Sludge, Dyes and Chemicals (Effluents/ Sewage/Sludge)	1,4-dichlorobenzene	USEPA 8260D, 8270E, Purge and Trap, Head Space Dichloromethane extraction followed by GC-MS



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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
523.	ZDHC(Zero Discharge of Hazardous Chemical) discharged	1,2-dichlorobenzene	USEPA 8260D, 8270E, Purge and Trap, Head Space Dichloromethane extraction followed by GC-MS
524.	waste water (after etp) raw waste water (before etp) incoming water	2-chlorotoluene	USEPA 8260D, 8270E, Purge and Trap, Head Space Dichloromethane extraction followed by GC-MS
525.	ZDHC(Zero Discharge of Hazardous Chemical)	3-chlorotoluene	USEPA 8260D, 8270E, Purge and Trap, Head Space Dichloromethane extraction followed by GC-MS
526.		4-chlorotoluene	USEPA 8260D, 8270E, Purge and Trap, Head Space Dichloromethane extraction followed by GC-MS
527.		2,3-dichlorotoluene	USEPA 8260D, 8270E, Purge and Trap, Head Space Dichloromethane extraction followed by GC-MS
528.		2,5-dichlorotoluene	USEPA 8260D, 8270E, Purge and Trap, Head Space Dichloromethane extraction followed by GC-MS
529.		2,6-dichlorotoluene	USEPA 8260D, 8270E, Purge and Trap, Head Space Dichloromethane extraction followed by GC-MS
530.		2,4-dichlorotoluene	USEPA 8260D, 8270E, Purge and Trap, Head Space Dichloromethane extraction followed by GC-MS



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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
531.	Waste Water, Incoming water, Sludge, Dyes and Chemicals (Effluents/ Sewage/Sludge) ZDHC(Zero Discharge of Hazardous Chemical) discharged waste water (after etp) raw waste water (before etp) incoming water ZDHC(Zero Discharge of Hazardous Chemical)	3,4-dichlorotoluene	USEPA 8260D, 8270E, Purge and Trap, Head Space Dichloromethane extraction followed by GC-MS
532.		2,3,6-trichlorotoluene	USEPA 8260D, 8270E, Purge and Trap, Head Space Dichloromethane extraction followed by GC-MS
533.		2,4,5-trichlorotoluene	USEPA 8260D, 8270E, Purge and Trap, Head Space Dichloromethane extraction followed by GC-MS
534.		Tetrachlorotoluene	USEPA 8260D, 8270E, Purge and Trap, Head Space Dichloromethane extraction followed by GC-MS
535.		2,3,4,5,6-pentachlorotoluene	USEPA 8260D, 8270E, Purge and Trap, Head Space Dichloromethane extraction followed by GC-MS
536.		Chlorophenols, Table 1E-2-chlorophenol	USEPA 8270E Solvent extraction, derivatization with KOH, acetic anhydride followed by GC-MS BS EN 12673-1999 the procedure of solvent extraction and derivatization are included
537.		3-chlorophenol	
538.		4-chlorophenol	
539.		2,3-dichlorophenol	
540.		2,4-dichlorophenol	
541.		2,5-dichlorophenol	

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
542.		2,6-dichlorophenol	
543.		3,4-dichlorophenol	
544.		3,5-dichlorophenol	
545.		2,3,4-trichlorophenol	
546.		2,3,5-trichlorophenol	
547.		2,3,6-trichlorophenol	
548.	Waste Water, Incoming water, Sludge, Dyes and Chemicals (Effluents/ Sewage/Sludge) ZDHC(Zero Discharge of Hazardous Chemical) discharged waste water (after etp) raw waste water (before etp) incoming water ZDHC(Zero Discharge of Hazardous Chemical)	2,4,5-trichlorophenol	
549.		2,4,6-trichlorophenol	
550.		3,4,5-trichlorophenol	
551.		2,3,5,6-tetrachlorophenol	
552.		2,3,4,6-tetrachlorophenol	
553.		2,3,4,5-tetrachlorophenol	
554.		Pentachlorophenol (PCP)	
555.		N,N-di-methylformamide (DMFa), Table 1F-	
			EPA 8015, EPA 8270E

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
556.		Dyes – Carcinogenic & Disperse or Equivalent Concern, Table 1G,1H,1I- Basic violet 3	Liquid extraction, LC-MS, Ref method-ISO 16373- 3: 2014, SOP-ANL-05
557.		Acid Red 26	Liquid extraction, LC-MS, Ref method-ISO 16373- 3: 2014, SOP-ANL-05
558.		Acid Violet 49	Liquid extraction, LC-MS, Ref method-ISO 16373- 3: 2014, SOP-ANL-05
559.		Basic Blue 26	Liquid extraction, LC-MS, Ref method-ISO 16373- 3: 2014, SOP-ANL-05
560.		Basic Green 4	Liquid extraction, LC-MS, Ref method-ISO 16373- 3: 2014, SOP-ANL-05
561.		Basic Green 4	Liquid extraction, LC-MS, Ref method-ISO 16373- 3: 2014, SOP-ANL-05
562.	Waste Water, Incoming water, Sludge, Dyes and Chemicals (Effluents/ Sewage/Sludge)	Basic Green 4	Liquid extraction, LC-MS, Ref method-ISO 16373- 3: 2014, SOP-ANL-05
563.	ZDHC(Zero Discharge of Hazardous Chemical) discharged	Basic Red 9	Liquid extraction, LC-MS, Ref method-ISO 16373- 3: 2014, SOP-ANL-05



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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
564.	waste water (after etp) raw waste water (before etp) incoming water	Basic Violet 14	Liquid extraction, LC-MS, Ref method-ISO 16373- 3: 2014, SOP- ANL-05
565.	ZDHC(Zero Discharge of Hazardous Chemical)	Direct Black 38	Liquid extraction, LC-MS, Ref method-ISO 16373- 3: 2014, SOP- ANL-05
566.		Direct Blue 6	Liquid extraction, LC-MS, Ref method-ISO 16373- 3: 2014, SOP- ANL-05
567.		Direct Red 28	Liquid extraction, LC-MS, Ref method-ISO 16373- 3: 2014, SOP- ANL-05
568.		Disperse Blue 1	Liquid extraction, LC-MS, Ref method-ISO 16373- 3: 2014, SOP- ANL-05
569.		Disperse Blue 3	Liquid extraction, LC-MS, Ref method-ISO 16373- 3: 2014, SOP- ANL-05
570.		Disperse Orange 11	Liquid extraction, LC-MS, Ref method-ISO 16373- 3: 2014, SOP- ANL-05
571.	Waste Water, Incoming water, Sludge, Dyes and Chemicals (Effluents/ Sewage/Sludge)	Disperse Blue 102	Liquid extraction, LC-MS, Ref method-ISO 16373- 3: 2014, SOP- ANL-05



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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
572.	ZDHC(Zero Discharge of Hazardous Chemical) discharged	Disperse Blue 106	Liquid extraction, LC-MS, Ref method-ISO 16373- 3: 2014, SOP-ANL-05
573.	waste water (after etp) raw waste water (before etp) incoming water	Disperse Blue 124	Liquid extraction, LC-MS, Ref method-ISO 16373- 3: 2014, SOP-ANL-05
574.	ZDHC(Zero Discharge of Hazardous Chemical)	Disperse Blue 26	Liquid extraction, LC-MS, Ref method-ISO 16373- 3: 2014, SOP-ANL-05
575.		Disperse Blue 35	Liquid extraction, LC-MS, Ref method-ISO 16373- 3: 2014, SOP-ANL-05
576.		Disperse Blue 35	Liquid extraction, LC-MS, Ref method-ISO 16373- 3: 2014, SOP-ANL-05
577.		Disperse Blue 7	Liquid extraction, LC-MS, Ref method-ISO 16373- 3: 2014, SOP-ANL-05
578.		Disperse Brown 1	Liquid extraction, LC-MS, Ref method-ISO 16373- 3: 2014, SOP-ANL-05
579.		Disperse Orange 1	Liquid extraction, LC-MS, Ref method-ISO 16373- 3: 2014, SOP-ANL-05



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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
580.	Waste Water, Incoming water, Sludge, Dyes and Chemicals (Effluents/ Sewage/Sludge) ZDHC(Zero Discharge of Hazardous Chemical) discharged waste water (after etp) raw waste water (before etp) incoming water ZDHC(Zero Discharge of Hazardous Chemical)	Disperse Orange 3	Liquid extraction, LC-MS, Ref method-ISO 16373- 3: 2014, SOP-ANL-05
581.		Disperse Orange 37/59/76	Liquid extraction, LC-MS, Ref method-ISO 16373- 3: 2014, SOP-ANL-05
582.		Disperse Red 1	Liquid extraction, LC-MS, Ref method-ISO 16373- 3: 2014, SOP-ANL-05
583.		Disperse Red 11	Liquid extraction, LC-MS, Ref method-ISO 16373- 3: 2014, SOP-ANL-05
584.		Disperse Red 17	Liquid extraction, LC-MS, Ref method-ISO 16373- 3: 2014, SOP-ANL-05
585.		Disperse Yellow 1	Liquid extraction, LC-MS, Ref method-ISO 16373- 3: 2014, SOP-ANL-05
586.		Disperse Yellow 3	Liquid extraction, LC-MS, Ref method-ISO 16373- 3: 2014, SOP-ANL-05
587.		Disperse Yellow 39	Liquid extraction, LC-MS, Ref method-ISO 16373- 3: 2014, SOP-ANL-05



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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
588.		Disperse Yellow 49	Liquid extraction, LC-MS, Ref method-ISO 16373- 3: 2014, SOP-ANL-05
589.		Disperse Yellow 9	Liquid extraction, LC-MS, Ref method-ISO 16373- 3: 2014, SOP-ANL-05
590.		Navy Blue	Liquid extraction, LC-MS, Ref method-ISO 16373- 3: 2014, SOP-ANL-05
591.	Waste Water, Incoming water, Sludge, Dyes and Chemicals (Effluents/ Sewage/Sludge) ZDHC(Zero Discharge of Hazardous Chemical) discharged waste water (after etp) raw waste water (before etp) incoming water ZDHC(Zero Discharge of Hazardous Chemical	Flame Retardants, Table 1J- Polybromo biphenyls (PBB)	USEPA 8270, ISO 22032, USEPA 527 and USEPA 8321B Dichloromethane extraction GC-MS or LC-MS(-MS)
592.		Monobromo biphenyls (MonoBB)	Monobromo biphenyls (MonoBB)
593.		Dibromo biphenyls (DiBB)	Dibromo biphenyls (DiBB)
594.		Tribromo biphenyls (TriBB)	Tribromo biphenyls (TriBB)
595.		Tetrabromo bipenyls (TetraBB)	Tetrabromo bipenyls (TetraBB)
596.		Pentabromo biphenyls (PentaBB)	Pentabromo biphenyls (PentaBB)
597.		Hexabromo biphenyls (HexaBB)	Hexabromo biphenyls (HexaBB)
598.		Heptabromo biphenyls (HeptaBB)	Heptabromo biphenyls (HeptaBB)
599.		Octabromo biphenyls (OctaBB)	Octabromo biphenyls (OctaBB)

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	Hazardous & Restricted Chemicals		
600.		Nonabromo biphenyls (NonaBB)	Nonabromo biphenyls (NonaBB)
601.		Decabromo biphenyls (DecaBB)	Decabromo biphenyls (DecaBB)
602.		Pentabromo diphenyl ethers (PentaBDE)	Pentabromo diphenyl ethers (PentaBDE)
603.		Octabromo diphenyl ethers (OctaBDE)	Octabromo diphenyl ethers (OctaBDE)
604.		Decabromo diphenyl ethers (DecaBDE)	Decabromo diphenyl ethers (DecaBDE)
605.	Waste Water, Incoming water, Sludge, Dyes and Chemicals (Effluents/ Sewage/Sludge) ZDHC(Zero Discharge of Hazardous Chemical) discharged waste water (after etp) raw waste water (before etp) incoming water ZDHC(Zero Discharge of Hazardous Chemical	Tris(2,3-dibromopropyl) phosphate (TRIS)	Tris(2,3-dibromopropyl) phosphate (TRIS)
606.		Tris(2-chloroethyl) phosphate (TCEP)	Tris(2-chloroethyl) phosphate (TCEP)
607.		Hexabromocyclododecane (HBCDD)	Hexabromocyclododecane (HBCDD)
608.		Tetrabromobisphenol A (TBBPA)	Tetrabromobisphenol A (TBBPA)
609.		Tris(1-aziridinyl)phosphine oxide (TEPA)	Tris(1-aziridinyl)phosphine oxide (TEPA)
610.		Bis(2,3-dibromopropyl)phosphate (BIS)	Bis(2,3-dibromopropyl)phosphate (BIS)
611.		Tris(1,3-dichloro-2-propyl) phosphate (TDCPP)	Tris(1,3-dichloro-2-propyl) phosphate (TDCPP)
612.		2,2-bis(bromomethyl)-1,3-propanediol (BBMP)	2,2-bis(bromomethyl)-1,3-propanediol (BBMP)

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
613.		Glycols / Glycol Ethers, Table 1k-2-ethoxyethanol	Glycols / Glycol Ethers, Table 1k-2-ethoxyethanol
614.		2-ethoxyethyl acetate	2-ethoxyethyl acetate
615.		2-methoxyethanol	2-methoxyethanol
616.		2-methoxyethylacetate	2-methoxyethylacetate
617.		2-methoxypropylacetate	2-methoxypropylacetate
618.		Bis(2-methoxyethyl)-ether	Bis(2-methoxyethyl)-ether
619.		Ethylene glycol dimethyl ether	Ethylene glycol dimethyl ether
620.		Triethylene glycol dimethyl ether	USEPA 8270E Liquid extraction, LC-MS GC-MS
621.		Halogenated Solvents, Table 1L-1,2-dichloroethane	USEPA 8260D Headspace GC-MS or Purge and trap GC-MS
622.		Methylene chloride	USEPA 8260D Headspace GC-MS or Purge and trap GC-MS
623.	Waste Water, Incoming water, Sludge, Dyes and Chemicals (Effluents/ Sewage/Sludge) ZDHC(Zero Discharge of Hazardous Chemical) discharged	Tetrachloroethylene	USEPA 8260D Headspace GC-MS or Purge and trap GC-MS
624.		Trichloroethylene	USEPA 8260D Headspace GC-MS or Purge and trap GC-MS
625.		Organotin Compounds, Table 1M-Monobutyltin (MBT)	DIN EN ISO 17353:2005-11 Derivatization with NaB (C2H5) GC-MS
	waste water (after etp) raw waste water (before etp) incoming water		

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
626.	ZDHC(Zero Discharge of Hazardous Chemical)	Dibutyltin (DBT)	DIN EN ISO 17353:2005-11 Derivatization with NaB (C ₂ H ₅) GC-MS
627.		Tributyltin (TBT)	DIN EN ISO 17353:2005-11 Derivatization with NaB (C ₂ H ₅) GC-MS
628.		Triphenyltin (TPHT)	DIN EN ISO 17353:2005-11 Derivatization with NaB (C ₂ H ₅) GC-MS
629.		Diocetyltn (DOT)	DIN EN ISO 17353:2005-11 Derivatization with NaB (C ₂ H ₅) GC-MS
630.		Monooctyltin (MOT)	DIN EN ISO 17353:2005-11 Derivatization with NaB (C ₂ H ₅) GC-MS
631.		Diphenyltin (DPhT)	DIN EN ISO 17353:2005-11 Derivatization with NaB (C ₂ H ₅) GC-MS
632.	Waste Water, Incoming water, Sludge, Dyes and Chemicals (Effluents/ Sewage/Sludge)	Tetrabutyltin (TeBT)	DIN EN ISO 17353:2005-11 Derivatization with NaB (C ₂ H ₅) GC-MS
633.	ZDHC(Zero Discharge of Hazardous Chemical) discharged	Tricyclohexyltin (TCyT)	DIN EN ISO 17353:2005-11 Derivatization with NaB (C ₂ H ₅) GC-MS

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
634.	waste water (after etp) raw waste water (before etp) incoming water	Tripropyltin (TPT)	DIN EN ISO 17353:2005-11 Derivatization with NaB (C2H5) GC-MS
635.	ZDHC(Zero Discharge of Hazardous Chemical)	Tetraethyltin (TeET)	DIN EN ISO 17353:2005-11 Derivatization with NaB (C2H5) GC-MS
636.		Bis(tributyltin) oxide (TBTO)	DIN EN ISO 17353:2005-11 Derivatization with NaB (C2H5) GC-MS
637.		Dibutyltin dichloride (DBTC)	DIN EN ISO 17353:2005-11 Derivatization with NaB (C2H5) GC-MS
638.		Triphenyltin (TPT)	DIN EN ISO 17353:2005-11 Derivatization with NaB (C2H5) GC-MS
639.		Dibutyltin hydrogen borate (DBB)	DIN EN ISO 17353:2005-11 Derivatization with NaB (C2H5) GC-MS
640.		Dimethyltin (DMT)	DIN EN ISO 17353:2005-11 Derivatization with NaB (C2H5) GC-MS
641.	Waste Water, Incoming water, Sludge, Dyes and Chemicals (Effluents/ Sewage/Sludge)	Trioctyltin (TOT)	DIN EN ISO 17353:2005-11 Derivatization with NaB (C2H5) GC-MS



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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
642.	ZDHC(Zero Discharge of Hazardous Chemical) discharged	Trimethyltin (TMT)	DIN EN ISO 17353:2005-11 Derivatization with NaB (C ₂ H ₅) GC-MS
643.	waste water (after etp) raw waste water (before etp) incoming water	Other/Miscellaneous Chemicals, Table 1N- [2-(2-aminoethylamino)ethanol]	Liquid extraction, LCMSMS/ EPA 8270E ,Ref EN 17137:2018
644.	ZDHC(Zero Discharge of Hazardous Chemical)	Bisphenol A	
645.		Thiourea	
646.		Quinoline	
647.		Perfluorinated and Polyfluorinated Chemicals (PFCs)- PFOA & PFOS	PFCs: EPA 537:2020 FTOH: BS EN 12673-1999, EPA 8270, PFCs: LC-MSMS FTOH: GC-MS Derivatization with acetic anhydride followed by GC-MS
648.		Phthalates- 1,2-benzenedicarboxylic acid(DIHP)	USEPA 8270E, ISO 18856 Dichloromethane extraction GC-MS
649.		1,2-benzenedicarboxylic acid(DHNUP)	USEPA 8270E, ISO 18856 Dichloromethane extraction GC-MS
650.		Bis(2-methoxyethyl) phthalate (DMEP)	USEPA 8270E, ISO 18856 Dichloromethane extraction GC-MS
651.		Butyl benzyl phthalate (BBP)	USEPA 8270E, ISO 18856 Dichloromethane extraction GC-MS

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
652.		Di-cyclohexyl phthalate (DCHP)	USEPA 8270E, ISO 18856 Dichloromethane extraction GC-MS
653.		Di-iso-decyl phthalate (DIDP)	USEPA 8270E, ISO 18856 Dichloromethane extraction GC-MS
654.		Di-iso-octyl phthalate (DIOP)	USEPA 8270E, ISO 18856 Dichloromethane extraction GC-MS
655.		Di-isobutyl phthalate (DIBP)	USEPA 8270E, ISO 18856 Dichloromethane extraction GC-MS
656.	Waste Water, Incoming water, Sludge, Dyes and Chemicals (Effluents/ Sewage/Sludge) ZDHC(Zero Discharge of Hazardous Chemical) discharged waste water (after etp) raw waste water (before etp) incoming water ZDHC(Zero Discharge of Hazardous Chemical)	Di-isononyl phthalate (DINP)	USEPA 8270E, ISO 18856 Dichloromethane extraction GC-MS
657.		Di-n-hexyl phthalate (DnHP)	USEPA 8270E, ISO 18856 Dichloromethane extraction GC-MS
658.		Di-n-octyl phthalate (DNOP)	USEPA 8270E, ISO 18856 Dichloromethane extraction GC-MS
659.		Di-n-pentylphthalates	USEPA 8270E, ISO 18856 Dichloromethane extraction GC-MS
660.		Di-n-propyl phthalate (DPRP)	USEPA 8270E, ISO 18856 Dichloromethane extraction GC-MS
661.		Di(ethylhexyl) phthalate (DEHP)	USEPA 8270E, ISO 18856 Dichloromethane extraction GC-MS
662.		Dibutyl phthalate (DBP)	USEPA 8270E, ISO 18856 Dichloromethane extraction GC-MS
663.		Diethyl phthalate (DEP)	USEPA 8270E, ISO 18856 Dichloromethane extraction GC-MS
664.		Diisopentylphthalates	USEPA 8270E, ISO 18856 Dichloromethane extraction GC-MS

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
665.		Dinonyl phthalate (DNP)	USEPA 8270E, ISO 18856 Dichloromethane extraction GC-MS
666.	Waste Water, Incoming water, Sludge, Dyes and Chemicals (Effluents/ Sewage/Sludge) ZDHC(Zero Discharge of Hazardous Chemical) discharged waste water (after etp) raw waste water (before etp) incoming water ZDHC(Zero Discharge of Hazardous Chemical)	Polycyclic Aromatic Hydrocarbons (PAHs)- Acenaphthene	USEPA 8270E DIN 38407-39 Solvent extraction GC-MS
667.		Acenaphthylene	USEPA 8270E DIN 38407-39 Solvent extraction GC-MS
668.		Anthracene	USEPA 8270E DIN 38407-39 Solvent extraction GC-MS
669.		Benzo[a]anthracene	USEPA 8270E DIN 38407-39 Solvent extraction GC-MS
670.		Benzo[a]pyrene (BaP)	USEPA 8270E DIN 38407-39 Solvent extraction GC-MS
671.		Benzo[b]fluoranthene	USEPA 8270E DIN 38407-39 Solvent extraction GC-MS
672.		Benzo[e]pyrene	USEPA 8270E DIN 38407-39 Solvent extraction GC-MS
673.		Benzo[ghi]perylene	USEPA 8270E DIN 38407-39 Solvent extraction GC-MS
674.		Benzo[j]fluoranthene	USEPA 8270E DIN 38407-39 Solvent extraction GC-MS
675.		Benzo[k]fluoranthene	USEPA 8270E DIN 38407-39 Solvent extraction GC-MS
676.		Chrysene	USEPA 8270E DIN 38407-39 Solvent extraction GC-MS



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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
677.	Waste Water, Incoming water, Sludge, Dyes and Chemicals (Effluents/ Sewage/Sludge) ZDHC(Zero Discharge of Hazardous Chemical) discharged waste water (after etp) raw waste water (before etp) incoming water ZDHC(Zero Discharge of Hazardous Chemical)	Dibenz[a,h]anthracene	USEPA 8270E DIN 38407-39 Solvent extraction GC-MS
678.		Fluoranthene	USEPA 8270E DIN 38407-39 Solvent extraction GC-MS
679.		Fluorene	USEPA 8270E DIN 38407-39 Solvent extraction GC-MS
680.		Indeno[1,2,3-cd]pyrene	USEPA 8270E DIN 38407-39 Solvent extraction GC-MS
681.		Naphthalene	USEPA 8270E DIN 38407-39 Solvent extraction GC-MS
682.		Phenanthrene	USEPA 8270E DIN 38407-39 Solvent extraction GC-MS
683.		Pyrene	USEPA 8270E DIN 38407-39 Solvent extraction GC-MS
684.		Aromatic Amines- 2-naphthylamine	Reduction step with sodium dithionite, solvent extraction USEPA 8270E and ISO 14362-1 and ISO 14362- 3 (if needed) GC/MS and LC/MS/MS
685.		2-Naphthylammoniumacetate	Reduction step with sodium dithionite, solvent extraction USEPA 8270E and ISO 14362-1 and ISO 14362- 3 (if needed) GC/MS and LC/MS/MS
686.		2,4-xylidine	Reduction step with sodium dithionite, solvent extraction USEPA

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
			8270E and ISO 14362-1 and ISO 14362- 3 (if needed) GC/MS and LC/MS/MS
687.		2,4,5-trimethylaniline	Reduction step with sodium dithionite, solvent extraction USEPA 8270E and ISO 14362-1 and ISO 14362- 3 (if needed) GC/MS and LC/MS/MS
688.	Waste Water, Incoming water, Sludge, Dyes and Chemicals (Effluents/ Sewage/Sludge) ZDHC(Zero Discharge of Hazardous Chemical) discharged waste water (after etp) raw waste water (before etp) incoming water ZDHC(Zero Discharge of Hazardous Chemical)	2,6-xylydine	Reduction step with sodium dithionite, solvent extraction USEPA 8270E and ISO 14362-1 and ISO 14362- 3 (if needed) GC/MS and LC/MS/MS
689.		3,3'-dichlorobenzidine	Reduction step with sodium dithionite, solvent extraction USEPA 8270E and ISO 14362-1 and ISO 14362- 3 (if needed) GC/MS and LC/MS/MS
690.		3,3-dimethoxylbenzidine	Reduction step with sodium dithionite, solvent extraction USEPA 8270E and ISO 14362-1 and ISO 14362- 3 (if needed) GC/MS and LC/MS/MS
691.		3,3-dimethylbenzidine	Reduction step with sodium dithionite, solvent extraction USEPA 8270E and ISO 14362-1 and ISO

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
			14362- 3 (if needed) GC/MS and LC/MS/MS
692.		4-aminoazobenzene	Reduction step with sodium dithionite, solvent extraction USEPA 8270E and ISO 14362-1 and ISO 14362- 3 (if needed) GC/MS and LC/MS/MS
693.	Waste Water, Incoming water, Sludge, Dyes and Chemicals (Effluents/ Sewage/Sludge) ZDHC(Zero Discharge of Hazardous Chemical) discharged waste water (after etp) raw waste water (before etp) incoming water ZDHC(Zero Discharge of Hazardous Chemical)	4-aminodiphenyl	Reduction step with sodium dithionite, solvent extraction USEPA 8270E and ISO 14362-1 and ISO 14362- 3 (if needed) GC/MS and LC/MS/MS
694.		4-chloro-o-toluidine	Reduction step with sodium dithionite, solvent extraction USEPA 8270E and ISO 14362-1 and ISO 14362- 3 (if needed) GC/MS and LC/MS/MS
695.		4-chloroaniline	Reduction step with sodium dithionite, solvent extraction USEPA 8270E and ISO 14362-1 and ISO 14362- 3 (if needed) GC/MS and LC/MS/MS
696.		4-methoxy-m-phenylenediamine	Reduction step with sodium dithionite, solvent extraction USEPA 8270E and ISO 14362-1 and ISO

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
			14362- 3 (if needed) GC/MS and LC/MS/MS
697.		4-methyl-m-phenylenediamine	Reduction step with sodium dithionite, solvent extraction USEPA 8270E and ISO 14362-1 and ISO 14362- 3 (if needed) GC/MS and LC/MS/MS
698.		4,4-methylenebis-(2-chloro-aniline	Reduction step with sodium dithionite, solvent extraction USEPA 8270E and ISO 14362-1 and ISO 14362- 3 (if needed) GC/MS and LC/MS/MS
699.	Waste Water, Incoming water, Sludge, Dyes and Chemicals (Effluents/ Sewage/Sludge) ZDHC(Zero Discharge of Hazardous Chemical)	4,4-methylenedi-o-toluidine	Reduction step with sodium dithionite, solvent extraction USEPA 8270E and ISO 14362-1 and ISO 14362- 3 (if needed) GC/MS and LC/MS/MS
700.	discharged waste water (after etp) raw waste water (before etp) incoming water	4,4-methylenedianiline	Reduction step with sodium dithionite, solvent extraction USEPA 8270E and ISO 14362-1 and ISO 14362- 3 (if needed) GC/MS and LC/MS/MS
701.	ZDHC(Zero Discharge of Hazardous Chemical	4,4-methylenebis-(2-chloro-aniline	Reduction step with sodium dithionite, solvent extraction USEPA 8270E and ISO 14362-1 and ISO

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
			14362- 3 (if needed) GC/MS and LC/MS/MS
702.		4,4-methylenedi-o-toluidine	Reduction step with sodium dithionite, solvent extraction USEPA 8270E and ISO 14362-1 and ISO 14362- 3 (if needed) GC/MS and LC/MS/MS
703.		4,4-methylenedianiline	Reduction step with sodium dithionite, solvent extraction USEPA 8270E and ISO 14362-1 and ISO 14362- 3 (if needed) GC/MS and LC/MS/MS
704.	Waste Water, Incoming water, Sludge, Dyes and Chemicals (Effluents/ Sewage/Sludge)	4,4-oxydianiline	Reduction step with sodium dithionite, solvent extraction USEPA 8270E and ISO 14362-1 and ISO 14362- 3 (if needed) GC/MS and LC/MS/MS
705.	ZDHC(Zero Discharge of Hazardous Chemical) discharged waste water (after etp) raw waste water (before etp)	4,4-thiodianiline	Reduction step with sodium dithionite, solvent extraction USEPA 8270E and ISO 14362-1 and ISO 14362- 3 (if needed) GC/MS and LC/MS/MS
706.	incoming water	5-nitro-o-toluidine	Reduction step with sodium dithionite, solvent extraction USEPA 8270E and ISO 14362-1 and ISO

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
	ZDHC(Zero Discharge of Hazardous Chemical		14362- 3 (if needed) GC/MS and LC/MS/MS
707.		6-methoxy-m-toluidine	Reduction step with sodium dithionite, solvent extraction USEPA 8270E and ISO 14362-1 and ISO 14362- 3 (if needed) GC/MS and LC/MS/MS
708.		Benzidine	Reduction step with sodium dithionite, solvent extraction USEPA 8270E and ISO 14362-1 and ISO 14362- 3 (if needed) GC/MS and LC/MS/MS
709.		o-aminoazotoluene	Reduction step with sodium dithionite, solvent extraction USEPA 8270E and ISO 14362-1 and ISO 14362- 3 (if needed) GC/MS and LC/MS/MS
710.		o-anisidine	Reduction step with sodium dithionite, solvent extraction USEPA 8270E and ISO 14362-1 and ISO 14362- 3 (if needed) GC/MS and LC/MS/MS
711.	Waste Water, Incoming water, Sludge, Dyes and Chemicals (Effluents/ Sewage/Sludge)	o-toluidine	Reduction step with sodium dithionite, solvent extraction USEPA 8270E and ISO 14362-1 and ISO

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
	ZDHC(Zero Discharge of Hazardous Chemical)		14362- 3 (if needed) GC/MS and LC/MS/MS
712.	discharged waste water (after etp) raw waste water (before etp) incoming water	UV Absorbers-2-(2H-benzotriazol-2-yl)-4- (tert-butyl)-6-(sec- butyl) phenol (UV-350)	USEPA 8270 ISO 22032, USEPA 527 and USEPA 8321B. Dichloromethane extraction GC-MS or LC-MS(-MS)
713.	ZDHC(Zero Discharge of Hazardous Chemical)	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	USEPA 8270 ISO 22032, USEPA 527 and USEPA 8321B. Dichloromethane extraction GC-MS or LC-MS(-MS)
714.		2-benzotriazol-2-yl-4,6-di-tertbutylphenol (UV-320)	USEPA 8270 ISO 22032, USEPA 527 and USEPA 8321B. Dichloromethane extraction GC-MS or LC-MS(-MS)
715.		2,4-Di-tert-butyl-6-(5-chlorobenzotriazole-2-yl) phenol (UV-327)	USEPA 8270 ISO 22032, USEPA 527 and USEPA 8321B. Dichloromethane extraction GC-MS or LC-MS(-MS)
716.		Volatile Organic Compounds (VOC)-Benzene	ISO 11423-1 Headspace or Purge and trap GC-MS EPA 8270 BS EN 12673-1999
717.		m-cresol	ISO 11423-1 Headspace or Purge and trap GC-MS EPA 8270 BS EN 12673-1999
718.	Waste Water, Incoming water, Sludge, Dyes and Chemicals (Effluents/ Sewage/Sludge)	o-cresol	ISO 11423-1 Headspace or Purge and trap GC-MS EPA 8270 BS EN 12673-1999
719.	ZDHC(Zero Discharge of Hazardous Chemical) discharged	p-cresol	ISO 11423-1 Headspace or Purge and trap GC-MS EPA 8270 BS EN 12673-1999

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
720.	waste water (after etp) raw waste water (before etp) incoming water	Xylene	ISO 11423-1 Headspace or Purge and trap GC-MS EPA 8270 BS EN 12673-1999
721.	ZDHC(Zero Discharge of Hazardous Chemical	Toluene	ISO 11423-1 Headspace or Purge and trap GC-MS EPA 8270 BS EN 12673-1999
722.		Heavy metals- Antimony	ISO 17294-1:2024,ISO 17294-2: 2023,IS 3025 (Part 65):2025, IS 3025 (Part 41):2023
723.		Chromium (VI)	ISO 17294-1:2024,ISO 17294-2: 2023,IS 3025 (Part 65):2025, IS 3025 (Part 41):2023
724.		Barium	ISO 17294-1:2024,ISO 17294-2: 2023,IS 3025 (Part 65):2025, IS 3025 (Part 41):2023
725.		Selenium	ISO 17294-1:2024,ISO 17294-2: 2023,IS 3025 (Part 65):2025, IS 3025 (Part 41):2023
726.		Tin	ISO 17294-1:2024,ISO 17294-2: 2023,IS 3025 (Part 65):2025, IS 3025 (Part 41):2023
727.	Waste Water, Incoming water, Sludge, Dyes and Chemicals (Effluents/ Sewage/Sludge)	Arsenic	ISO 17294-1:2024,ISO 17294-2: 2023,IS 3025 (Part 65):2025, IS 3025 (Part 41):2023

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
728.	ZDHC(Zero Discharge of Hazardous Chemical) discharged	Chromium total	ISO 17294-1:2024,ISO 17294-2: 2023,IS 3025 (Part 65):2025, IS 3025 (Part 41):2023
729.	waste water (after etp) raw waste water (before etp) incoming water	Cobalt	ISO 17294-1:2024,ISO 17294-2: 2023,IS 3025 (Part 65):2025, IS 3025 (Part 41):2023
730.	ZDHC(Zero Discharge of Hazardous Chemical)	Cadmium	ISO 17294-1:2024,ISO 17294-2: 2023,IS 3025 (Part 65):2025, IS 3025 (Part 41):2023
731.		Copper	ISO 17294-1:2024,ISO 17294-2: 2023,IS 3025 (Part 65):2025, IS 3025 (Part 41):2023
732.		Lead	ISO 17294-1:2024,ISO 17294-2: 2023,IS 3025 (Part 65):2025, IS 3025 (Part 41):2023
733.		Nickel	ISO 17294-1:2024,ISO 17294-2: 2023,IS 3025 (Part 65):2025, IS 3025 (Part 41):2023
734.		Silver	ISO 17294-1:2024,ISO 17294-2: 2023,IS 3025 (Part 65):2025, IS 3025 (Part 41):2023
735.	Waste Water, Incoming water, Sludge, Dyes and Chemicals (Effluents/ Sewage/Sludge)	Zinc	ISO 17294-1:2024,ISO 17294-2: 2023,IS 3025 (Part 65):2025, IS 3025 (Part 41):2023

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
736.	ZDHC(Zero Discharge of Hazardous Chemical) discharged	Mercury	ISO 17294-1:2024,ISO 17294-2:2023,IS 3025 (Part 65):2025, IS 3025 (Part 41):2023
737.	waste water (after etp) raw waste water (before etp)	PH	ISO 10523:2008,IS 3025 (Part 11):2022 Electrometric method only
738.	incoming water	E.coli	ISO 9308-1:2014 / ISO 9308-2:2012
739.	ZDHC(Zero Discharge of Hazardous Chemical	Ammonium-Nitrogen	ISO 11732:2005, ISO 7150:1984,IS 3025 (Part 34):1988
740.		Biochemical Oxygen Demand 5-days concentration (BOD)	ISO 5815-1:2019,IS 3025 (Part 44):2023
741.		Chemical Oxygen Demand (COD)	ISO 6060:1989, ISO 15705:2002, IS 3025 (Part 58):2023
742.		Oil & Grease	ISO 9377-2:2000,IS 3025 (Part 39):2021
743.		Total Phenols / Phenol Index	ISO 6439:1990,IS 3025 (Part 43):1992
744.		Total Nitrogen	ISO 11905 - Part 1:1997 ISO 29441:2010,IS 3025 (Part 34):1988
745.		Total Phosphorus	ISO 17294-1:2024,ISO 17294-2:2023, ISO 11885:2007,ISO 6878:2004, IS 3025 (Part 31):1988,IS 3025 (Part 65):2025
746.		Total Suspended Solids (TSS)	ISO 11923:1997,IS 3025 (Part 17):2022 (103°C to 105°C)
747.	Waste Water, Incoming water, Sludge, Dyes and Chemicals	Sulphide	ISO 10530:1993,IS 3025 (Part 29):2022

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
748.	(Effluents/ Sewage/Sludge) ZDHC(Zero Discharge of Hazardous Chemical)	Sulphite	ISO 10304-3:1997
749.	discharged waste water (after etp) raw waste water (before etp) incoming water ZDHC(Zero Discharge of Hazardous Chemical)	Total Dissolved Solids(TDS)	IS 3025 (Part 16):2023 179°C to 181°C,USEPA 160.1: 2022
750.	Polyester Staples fibers	Finish Oil Contamination	IS 17263:2022 Amd-1 to 7:2024, Clause-6.2.3, visual
751.	High density polyethylene (HDPE)/polypropylene (pp) woven sacks for packaging of 50 kg cement	Ash content	CI 5.5 of IS 11652:2017/RA 2022--A1 to A2:2024
752.	High density polyethylene (HDPE)/polypropylene (pp) woven sacks for filling sand	Ash content	CI 4.1 of IS 14252:2015/RA 2020--A1 to A3:2021
753.	High density polyethylene (HDPE)/polypropylene (pp) woven sacks for packaging of 50 kg food grains	Ash content	CI 4.2 of IS 14887-2014/Reaff2023-AMD3
754.	High Density Polyethylene (HDPE)/Polypropylene	Ash content	CI 5.1 ,5.2 of IS 14968-2015/ Reaff2020-AMD4:2022

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
	(PP) Woven Sacks for Packaging 50 kg/25 kg Sugar		
755.	High density polyethylene (HDPE)/polypropylene (pp) woven sacks for packaging 10 kg, 15 kg, 20 kg, 25 kg and 30 kg foodgrains	Ash content	CI 5.1 ,5.2 of IS 16208-2015/ Reaff2020-AMD3:2021
756.	Monoaxially oriented high density polyethylene (HDPE) and polypropylene (pp) tapes	Ash content	CI 5.1,5.1.8 of IS 6192:2023
757.	High density polyethylene (HDPE)/ polypropylene (pp) woven sacks for packaging of 25 kg polymer materials	Ash content	CI 5.4 of IS 16703:2017/RA:2022-AMD-3:2024
758.	Polypropylene (PP) Woven, Laminated, Block Bottom Valve Sacks for Packaging of 50 kg Cement	Ash content	CI 6.4 of IS 16709:2017/RA2022-AMD2:2023
759.	Textiles	Finish Oil Pick up	IS 17261 : 2022,IS 17262 : 2022,IS 17263 : 2022,IS 17264 : 2022,IS 17265 : 2022. ref IS -6481,IS 3456
760.	Textiles	Phosphorus content	IS 17261 : 2022,IS 17262 : 2022,IS 17263 : 2022,IS 17264 : 2022,IS 17265 : 2022. ref IS -6481,IS 3456

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
761.	Textiles	Isophthalic acid (IPA) content,	IS 17261 : 2022, IS 17262 : 2022, IS 17263 : 2022, IS 17264 : 2022, IS 17265 : 2022. ref IS -6481, IS 3456
762.	Textiles	Water soluble matter	IS 17261 : 2022, IS 17262 : 2022, IS 17263 : 2022, IS 17264 : 2022, IS 17265 : 2022. ref IS -6481, IS 3456
763.	Leather, Textile & Footwear	Disperse blue 3	IS 16914 (Part-2 & 3) (Cl. B-10.1 of IS:17011:2018), DIN 54231
764.	Leather, Textile & Footwear	Disperse blue 7	IS 16914 (Part-2 & 3) (Cl. B-10.1 of IS:17011:2018), DIN 54231
765.	Leather, Textile & Footwear	Disperse blue 26	IS 16914 (Part-2 & 3) (Cl. B-10.1 of IS:17011:2018), DIN 54231
766.	Leather, Textile & Footwear	Disperse blue 102	IS 16914 (Part-2 & 3) (Cl. B-10.1 of IS:17011:2018), DIN 54231
767.	Leather, Textile & Footwear	Disperse brown 1	IS 16914 (Part-2 & 3) (Cl. B-10.1 of IS:17011:2018), DIN 54231
768.	Leather, Textile & Footwear	Disperse yellow 1	IS 16914 (Part-2 & 3) (Cl. B-10.1 of IS:17011:2018), DIN 54231
769.	Leather, Textile & Footwear	Disperse yellow 9	IS 16914 (Part-2 & 3) (Cl. B-10.1 of IS:17011:2018), DIN 54231
770.	Leather, textile & footwear	Disperse yellow 39	IS 16914 (Part-2 & 3) (Cl. B-10.1 of IS:17011:2018), DIN 54231
771.	Leather, textile & footwear	Disperse yellow 49	IS 16914 (Part-2 & 3) (Cl. B-10.1 of IS:17011:2018), DIN 54231
772.	Leather, textile & footwear	Disperse orange 1	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		
773.	Leather, textile & footwear	Disperse red 11	IS 16914 (Part-2 & 3) (Cl. B-10.1 of IS:17011:2018), DIN 54231
774.	Leather, textile & footwear	Disperse red 17	IS 16914 (Part-2 & 3) (Cl. B-10.1 of IS:17011:2018), DIN 54231
775.	Leather, textile & footwear	Disperse yellow 7	IS 16914 (Part-2 & 3) (Cl. B-10.1 of IS:17011:2018), DIN 54231
776.	Leather, textile & footwear	Disperse yellow 56	IS 16914 (Part-2 & 3) (Cl. B-10.1 of IS:17011:2018), DIN 54231
777.	Leather, textile & footwear	Disperse red 151	IS 16914 (Part-2 & 3) (Cl. B-10.1 of IS:17011:2018), DIN 54231
778.	Leather, textile & footwear	Solvent red 23	IS 16914 (Part-2 & 3) (Cl. B-10.1 of IS:17011:2018), DIN 54231
779.	Leather, textile & footwear	Navy blue	IS 16914 (Part-2 & 3) (Cl. B-10.1 of IS:17011:2018), DIN 54231
780.	Leather, textile & footwear	Disperse blue 1	IS 16914 (Part-2 & 3) (Cl. B-10.1 of IS:17011:2018), DIN 54231
781.	Leather, textile & footwear	Disperse blue 35	IS 16914 (Part-2 & 3) (Cl. B-10.1 of IS:17011:2018), DIN 54231
782.	Leather, textile & footwear	Disperse blue 106	IS 16914 (Part-2 & 3) (Cl. B-10.1 of IS:17011:2018), DIN 54231
783.	Leather, textile & footwear	Disperse blue 124	IS 16914 (Part-2 & 3) (Cl. B-10.1 of IS:17011:2018), DIN 54231
784.	Leather, textile & footwear	Disperse yellow 3	IS 16914 (Part-2 & 3) (Cl. B-10.1 of IS:17011:2018), DIN 54231
785.	Leather, textile & footwear	Disperse orange 3	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		
786.	Leather, textile & footwear	Disperse orange 37/59/76a)	IS 16914 (Part-2 & 3) (Cl. B-10.1 of IS:17011:2018), DIN 54231
787.	Leather, textile & footwear	Disperse red 1	IS 16914 (Part-2 & 3) (Cl. B-10.1 of IS:17011:2018), DIN 54231
788.	Leather, textile & footwear	Basic red 9	IS 16914 (Part-2 & 3) (Cl. B-10.1 of IS:17011:2018), DIN 54231
789.	Leather, textile & footwear	Violet 3	IS 16914 (Part-2 & 3) (Cl. B-10.1 of IS:17011:2018), DIN 54231
790.	Leather, textile & footwear	Disperse yellow 23	IS 16914 (Part-2 & 3) (Cl. B-10.1 of IS:17011:2018), DIN 54231
791.	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
792.	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
793.	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

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
			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
794.	Leather, Textile ,Footwear & similar products	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
795.	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
796.	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

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
797.	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
798.	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
799.	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
800.	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 :

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	Hazardous & Restricted Chemicals		
			2005, BS EN ISO 14362-3, JIS L 1940-1&3,9873-7:2017
801.	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
802.	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
803.	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
804.	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,

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	Hazardous & Restricted Chemicals		
			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
805.	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
806.	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
807.	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

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
808.	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
809.	Leather, textile & footwear	2,4-toluyldiamine	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
810.	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
811.	Leather, textile & footwear	2,4-dimethylaniline (=2,4-Xylidine)	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 :

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
			2005, BS EN ISO 14362-3, JIS L 1940-1&3, 9873-7:2017
812.	Leather, textile & footwear	2,6-dimethylaniline (=2,6-Xylidine)	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
813.	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
814.	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
815.	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

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
			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
816.	Leather, Textile & Footwear	Dimethyl fumarate (DMFU)	IS 16991 (Cl. 4.1 of IS:17011:2018), Textile: EN 17130:2019, Leather- ISO 16186
817.	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
818.	Leather, Textile & Footwear	Formaldehyde	IS 14563 (Part 1) (Cl. B-12 of IS:17011 :2018), ISO 17226-1, ISO 17226-2
819.	Leather, Textile & Footwear	Dibutyltin	IS 16981 (Cl. B-19 of IS:17011 :2018)
820.	Leather, Textile & Footwear	Dibutyltin dichloride	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		
821.	Leather, Textile & Footwear	Diocetyltn	IS 16981 (Cl. B-19 of IS:17011 :2018)
822.	Leather, Textile & Footwear	Monobutyltn	IS 16981 (Cl. B-19 of IS:17011 :2018)
823.	Leather, Textile & Footwear	Tributyltn	IS 16981 (Cl. B-19 of IS:17011 :2018)
824.	Leather, Textile & Footwear	Triphenyltn	IS 16981 (Cl. B-19 of IS:17011 :2018)
825.	Leather, Textile & Footwear	Monocetyltn	IS 16981 (Cl. B-19 of IS:17011 :2018)
826.	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
827.	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
828.	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
829.	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
830.	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
831.	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

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
832.	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
833.	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
834.	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
835.	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
836.	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
837.	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
838.	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
839.	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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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
			PROP 65, ANNEX XVII TO REACH Entry 51 & 52, 16 CFR Part 1307
840.	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
841.	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
842.	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
843.	Leather, Textile & Footwear	Nickel release	EN 1811 and EN 12472 (Cl. B-13.4.3 of IS:17011:2018)
844.	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
845.	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
846.	Leather, Textile & Footwear	Determination of SCCP & MCCP (Chlorinated paraffin)	ISO 18219-1:2019, Textile: ISO 22818:2021 (SCCP + MCCP) Leather:

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
			ISO 18219-1:2021 (SCCP) ISO 18219-2 (MCCP)
847.	Leather, Textile & Footwear	Determination of Dimethyl Formamide (DMFa)	ISO/TS 16189: 2013
848.	Leather, Textile & Footwear	Determination of PFOA & PFOS	EN/TS 15968:2010, ANNEX XVII TO REACH Entry 53 & 68
849.	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
850.	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
851.	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
852.	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
853.	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

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
854.	Leather, Textile & Footwear	Benzo(j)flouranthene	ISO/TS 16190: 2013 European Directive 2005/69/EC ANNEX XVII TO REACH Entry 50 2013, ISO 16190:2021
855.	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
856.	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
857.	Leather, Textile & Footwear	Naphthalene	ISO/TS 16190: 2013 European Directive 2005/69/EC ANNEX XVII TO REACH Entry 50 2013, ISO 16190:2021
858.	Leather, Textile & Footwear	Acenaphthylene	ISO/TS 16190: 2013 European Directive 2005/69/EC ANNEX XVII TO REACH Entry 50 2013, ISO 16190:2021
859.	Leather, Textile & Footwear	Acenaphthene	ISO/TS 16190: 2013 European Directive 2005/69/EC ANNEX XVII TO REACH Entry 50 2013, ISO 16190:2021
860.	Leather, Textile & Footwear	Flourene	ISO/TS 16190: 2013 European Directive 2005/69/EC ANNEX XVII TO

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
			REACH Entry 50 2013, ISO 16190:2021
861.	Leather, Textile & Footwear	Phenanthrene	ISO/TS 16190: 2013 European Directive 2005/69/EC ANNEX XVII TO REACH Entry 50 2013, ISO 16190:2021
862.	Leather, Textile & Footwear	Anthracene	ISO/TS 16190: 2013 European Directive 2005/69/EC ANNEX XVII TO REACH Entry 50 2013, ISO 16190:2021
863.	Leather, Textile & Footwear	Fluoranthene	ISO/TS 16190: 2013 European Directive 2005/69/EC ANNEX XVII TO REACH Entry 50 2013, ISO 16190:2021
864.	Leather, Textile & Footwear	Pyrene	ISO/TS 16190: 2013 European Directive 2005/69/EC ANNEX XVII TO REACH Entry 50 2013, ISO 16190:2021
865.	Leather, Textile & Footwear	Benzo(ghi)perylene	ISO/TS 16190: 2013 European Directive 2005/69/EC ANNEX XVII TO REACH Entry 50 2013, ISO 16190:2021
866.	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

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
867.	Leather, Textile & Footwear	Benzene	ISO 11890-2, EN 1400:2013+A2:2018(EN)
868.	Leather, Textile & Footwear	Butadiene	ISO 11890-2, EN 1400:2013+A2:2018(EN)
869.	Leather, Textile & Footwear	4-phenyl-cyclohexane	ISO 11890-2, EN 1400:2013+A2:2018(EN)
870.	Leather, Textile & Footwear	Styrene	ISO 11890-2, EN 1400:2013+A2:2018(EN)
871.	Leather, Textile & Footwear	Toluene	ISO 11890-2, EN 1400:2013+A2:2018(EN)
872.	Leather, Textile & Footwear	Vinyl chloride	ISO 11890-2, EN 1400:2013+A2:2018(EN)
873.	Leather, Textile & Footwear	Vinyl cyclohexane	ISO 11890-2, EN 1400:2013+A2:2018(EN)
874.	Leather, Textile & Footwear	2,4'-DDT	IS 15651:2006
875.	Leather, Textile & Footwear	4,4'-DDT	IS 15651:2006
876.	Leather, Textile & Footwear	4,4'-DDD	IS 15651:2006
877.	Leather, Textile & Footwear	4,4'-DDE	IS 15651:2006
878.	Leather, Textile & Footwear	alpha-HCH	IS 15651:2006
879.	Leather, Textile & Footwear	gamma-HCH	IS 15651:2006
880.	Leather, Textile & Footwear	Aldrin	IS 15651:2006

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	Hazardous & Restricted Chemicals		
881.	Leather, Textile & Footwear	Dieldrin	IS 15651:2006
882.	Leather, Textile & Footwear	Campechlor	IS 15651:2006
883.	Leather, Textile & Footwear	Heptachlor	IS 15651:2006
884.	Leather, Textile & Footwear	cis-Heptachlor-exo-epoxide (isomer B)	IS 15651:2006
885.	Leather, Textile & Footwear	2,4-D	IS 15651:2006
886.	Leather, Textile & Footwear	Hexachlorobenzene	DIN 54232:2010
887.	Leather, Textile & Footwear	1,2,3-trichlorobenzene	DIN 54232:2010
888.	Leather, Textile & Footwear	1,2,4-trichlorobenzene	DIN 54232:2010
889.	Leather, Textile & Footwear	1,3,5-trichlorobenzene	DIN 54232:2010
890.	Leather, Textile & Footwear	1,2,3,4-tetrachlorobenzene	DIN 54232:2010
891.	Leather, Textile & Footwear	1,2,3,5-tetrachlorobenzene	DIN 54232:2010
892.	Leather, Textile & Footwear	1,2,4,5-tetrachlorobenzene	DIN 54232:2010
893.	Leather, Textile & Footwear	Pentachlorobenzene	DIN 54232:2010
894.	Leather, Textile & Footwear	Monochlorobenzene	DIN 54232:2010
895.	Leather, Textile & Footwear	1,3-dichlorobenzene	DIN 54232:2010

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
896.	Leather, Textile & Footwear	1,4-dichlorobenzene	DIN 54232:2010
897.	Leather, Textile & Footwear	1,2-dichlorobenzene	DIN 54232:2010
898.	Leather, Textile & Footwear	2-chlorotoluene	DIN 54232:2010
899.	Leather, Textile & Footwear	3-chlorotoluene	DIN 54232:2010
900.	Leather, Textile & Footwear	4-chlorotoluene	DIN 54232:2010
901.	Leather, Textile & Footwear	2,3-dichlorotoluene	DIN 54232:2010
902.	Leather, Textile & Footwear	2,5-dichlorotoluene	DIN 54232:2010
903.	Leather, Textile & Footwear	2,6-dichlorotoluene	DIN 54232:2010
904.	Leather, Textile & Footwear	2,4-dichlorotoluene	DIN 54232:2010
905.	Leather, Textile & Footwear	3,4-dichlorotoluene	DIN 54232:2010
906.	Leather, Textile & Footwear	2,3,6-trichlorotoluene	DIN 54232:2010
907.	Leather, Textile & Footwear	2,4,5-trichlorotoluene	DIN 54232:2010
908.	Leather, Textile & Footwear	Tetrachlorotoluene	DIN 54232:2010
909.	Leather, Textile & Footwear	2,3,4,5,6-pentachlorotoluene	DIN 54232:2010
910.	Leather, Textile & Footwear	Determination of Lead in Surface coating	CPSC-CH-E1003, 09.1, 16 CFR 1303

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
911.	Leather, Textile & Footwear	Cadmium Extractability from Children's Metal Jewelry	CPSC-CH-E1004-11-Feb 03
912.	Leather, Textile & Footwear	Determination of cadmium wet decomposition methods	EN 1122:2002, ANNEX XVII TO REACH Entry 23
913.	Leather, Textile & Footwear	Total Lead content in Substrate for Non-metal children's products including children's metal Jewelry	CPSC-CH-E1002-08.3
914.	Leather, Textile & Footwear	Total Lead content in Substrate for metal children's products including children's metal Jewelry	CPSC-CH-E1001-08.3
915.	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)
916.	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)
917.	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)
918.	Electronics and Electrical Products	Determination of Flame retardant, 2,2,3,3,4,4,5,5,6-	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		
		Nonabromobiphenyl (69278-62-2)	
919.	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)
920.	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)
921.	Electronics and Electrical Products	Determination of Flame retardant, 2,2,3,4,4,5-Hexabromodiphenyl ether (18267-30-1)	IEC 62321-6 : 2015, DIRECTIVE 2011/65/EU (2002/95/EC & 2011/65/EU)
922.	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)
923.	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)
924.	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)

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
925.	Electronics and Electrical Products	Determination of Flame retardant, 2,2-Dibromobipheny (13029-09-9)	IEC 62321-6 : 2015, DIRECTIVE 2011/65/EU (2002/95/EC & 2011/65/EU)
926.	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)
927.	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)
928.	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)
929.	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)
930.	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)
931.	Electronics and Electrical Products	Determination of Flame retardant, 3,4-Dibromodipheny Ether (83694-71-7)	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		
932.	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)
933.	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)
934.	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)
935.	Electronics and Electrical Products	Determination of certain phthalate substances in electrotechnical products by GCMS, BBP (Benzyl butyl phthalate)	IEC 62321-8 : 2017
936.	Electronics and Electrical Products	Determination of certain phthalate substances in electrotechnical products by GCMS, DBP (Dibutyl phthalate)	IEC 62321-8 : 2017
937.	Electronics and Electrical Products	Determination of certain phthalate substances in electrotechnical products by GCMS, DEHP (Di(2-ethylhexyl) phthalate)	IEC 62321-8 : 2017
938.	Electronics and Electrical Products	Determination of certain phthalate substances in electrotechnical products by	IEC 62321-8 : 2017

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
		GCMS, DIBP (Diisobutyl phthalate)	
939.	Leather, Textile & Footwear	Specific Migration of Heavy metal-Arsenic (As)	BS EN 13130-1: 2004
940.	Leather, Textile & Footwear	Specific Migration of Heavy metal-Arsenic (As)	BS EN 13130-1: 2004
941.	Leather, Textile & Footwear	Specific Migration of Heavy metal-Barium (Ba)	BS EN 13130-1: 2004
942.	Leather, Textile & Footwear	Specific Migration of Heavy metal-Beryllium (Be)	BS EN 13130-1: 2004
943.	Leather, Textile & Footwear	Specific Migration of Heavy metal-Copper (Cu)	BS EN 13130-1: 2004
944.	Leather, Textile & Footwear	Specific Migration of Heavy metal-Manganese (Mn)	BS EN 13130-1: 2004
945.	Leather, Textile & Footwear	Specific Migration of Heavy metal-Tin (Sn)	BS EN 13130-1: 2004
946.	Leather, Textile & Footwear	Specific Migration of Heavy metal-Vanadium (V)	BS EN 13130-1: 2004
947.	Leather, Textile & Footwear	Specific Migration of Heavy metal-Zinc (Zn)	BS EN 13130-1: 2004
948.	Leather, Textile & Footwear	Specific Migration of Heavy metal-Antimony (Sb)	BS EN 13130-1: 2004
949.	Leather, Textile & Footwear	Specific Migration of Heavy metal-Barium (Ba)	BS EN 13130-1: 2004
950.	Leather, Textile & Footwear	Specific Migration of Heavy metal-Lead (Pb)	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		
951.	Leather, Textile & Footwear	Specific Migration of Heavy metal-Magnesium (Mg)	BS EN 13130-1: 2004
952.	Leather, Textile & Footwear	Specific Migration of Heavy metal-Thallium (Tl)	BS EN 13130-1: 2004
953.	Leather, Textile & Footwear	Specific Migration of Heavy metal-Titanium (Ti)	BS EN 13130-1: 2004
954.	Leather, Textile & Footwear	Specific Migration of Heavy metal- Iron (Fe)	BS EN 13130-1: 2004
955.	Leather, Textile & Footwear	Specific Migration of Heavy metal- Molybdenum (Mo)	BS EN 13130-1: 2004
956.	Leather, Textile & Footwear	Specific Migration of Heavy metal-Aluminum (Al)	BS EN 13130-1: 2004
957.	Leather, Textile & Footwear	Specific Migration of Heavy metal-Beryllium (Be)	BS EN 13130-1: 2004
958.	Leather, Textile & Footwear	Specific Migration of Heavy metal-Cadmium (Cd)	BS EN 13130-1: 2004
959.	Leather, Textile & Footwear	Specific Migration of Heavy metal-Chromium (Cr)	BS EN 13130-1: 2004
960.	Leather, Textile & Footwear	Specific Migration of Heavy metal-Cobalt (Co)	BS EN 13130-1: 2004
961.	Leather, Textile & Footwear	Specific Migration of Heavy metal-Lithium (Li)	BS EN 13130-1: 2004
962.	Leather, Textile & Footwear	Specific Migration of Heavy metal-Mercury (Hg)	BS EN 13130-1: 2004
963.	Leather, Textile & Footwear	Specific Migration of Heavy metal-Nickel (Ni)	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		
964.	Leather, Textile & Footwear	Specific Migration of Heavy metal-Silver (Ag)	BS EN 13130-1: 2004
965.	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
966.	Leather, Textile & Footwear	Sensorial test	DIN 10955: 2004
967.	Leather, Textile & Footwear	Migration of Heavy Metal-Antimony	IS 5168: 2018
968.	Leather, Textile & Footwear	Migration of Heavy Metal-Barium	IS 5168: 2018
969.	Leather, Textile & Footwear	Migration of Heavy Metal-Cobalt	IS 5168: 2018
970.	Leather, Textile & Footwear	Migration of Heavy Metal-Copper	IS 5168: 2018
971.	Leather, Textile & Footwear	Migration of Heavy Metal-Iron	IS 5168: 2018
972.	Leather, Textile & Footwear	Migration of Heavy Metal-Lithium	IS 5168: 2018
973.	Leather, Textile & Footwear	Migration of Heavy Metal-Manganese	IS 5168: 2018
974.	Leather, Textile & Footwear	Migration of Heavy Metal-zinc	IS 5168: 2018

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
975.	Leather, Textile & Footwear	Total ash	IS 579 : 2017
976.	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
977.	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
978.	Leather, Textile & Footwear	Total ash	IS 582 : 1970 + A1: 1976
979.	Leather, Textile & Footwear	Heavy Metals	IS 582 (Part 6 /Sec 1) : 2018
980.	Leather, Textile & Footwear	azo-dyes	IS 582 (Part 5/ Sec 1) : 2018
981.	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
982.	Leather, Textile & Footwear	Lead content	Cl. 5.7 of IS 12254 : 1993
983.	Leather, Textile & Footwear	Sulphur dyes	Cl. 4.2.1 of IS 12254: 1993
984.	Leather, Textile & Footwear	Lead content	Cl. 4.1 Appendix A-6 of IS 6721 : 1972
985.	Leather, Textile & Footwear	Lead content	Cl. 5.7 of IS 12254 : 1993

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
986.	Leather, Textile & Footwear	Sulphur dyes	Cl. 4.2.1 of IS 12254: 1993
987.	Leather, Textile & Footwear	Free sulphur	Cl. 8 (Table 6) of IS 3976 (A1: 2021): 2018
988.	Leather, Textile & Footwear	pH value of aqueous extract	Cl. 8 (Table 6) of IS 3976 (A1: 2021): 2018
989.	Leather, Textile & Footwear	Sulphur dyes	Cl. 5.2.3.1, 5.2.6 and 5.2.8.3 of IS 3976 (A1: 2021): 2018
990.	Leather, Textile & Footwear	azo-dyes	Cl. 8 (Table 6) of IS 3976 (A1: 2021): 2018
991.	Leather, Textile & Footwear	Determination of total concentration of certain elements, Aluminium (Al)	ISO 17072-2 : 2019
992.	Leather, Textile & Footwear	Determination of total concentration of certain elements, Antimony (Sb)	ISO 17072-2 : 2019
993.	Leather, Textile & Footwear	Determination of total concentration of certain elements, Arsenic (As)	ISO 17072-2 : 2019
994.	Leather, Textile & Footwear	Determination of total concentration of certain elements, Barium (Ba)	ISO 17072-2 : 2019
995.	Leather, Textile & Footwear	Determination of total concentration of certain elements, Boron (B)	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		
996.	Leather, Textile & Footwear	Determination of total concentration of certain elements, Cadmium (Cd)	ISO 17072-2 : 2019
997.	Leather, Textile & Footwear	Determination of total concentration of certain elements, Chromium (Cr)	ISO 17072-2 : 2019
998.	Leather, Textile & Footwear	Determination of total concentration of certain elements, Cobalt (Co)	ISO 17072-2 : 2019
999.	Leather, Textile & Footwear	Determination of total concentration of certain elements, Copper (Cu)	ISO 17072-2 : 2019
1000.	Leather, Textile & Footwear	Determination of total concentration of certain elements, Ferrum (Fe)	ISO 17072-2 : 2019
1001.	Leather, Textile & Footwear	Determination of total concentration of certain elements, Lead (Pb)	ISO 17072-2 : 2019
1002.	Leather, Textile & Footwear	Determination of total concentration of certain elements, Manganese (Mn)	ISO 17072-2 : 2019
1003.	Leather, Textile & Footwear	Determination of total concentration of certain elements, Mercury (Hg)	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		
1004.	Leather, Textile & Footwear	Determination of total concentration of certain elements, Nickel (Ni)	ISO 17072-2 : 2019
1005.	Leather, Textile & Footwear	Determination of total concentration of certain elements, Selenium (Se)	ISO 17072-2 : 2019
1006.	Leather, Textile & Footwear	Determination of total concentration of certain elements, Strontium (Sr)	ISO 17072-2 : 2019
1007.	Leather, Textile & Footwear	Determination of total concentration of certain elements, Tin (Sn)	ISO 17072-2 : 2019
1008.	Leather, Textile & Footwear	Determination of total concentration of certain elements, Zinc (Zn)	ISO 17072-2 : 2019
1009.	Leather, Textile & Footwear	Aluminium	IS 798: 2020
1010.	Leather, Textile & Footwear	Antimony	IS 798: 2020
1011.	Leather, Textile & Footwear	Arsenic	IS 798: 2020
1012.	Leather, Textile & Footwear	Calcium	IS 798: 2020
1013.	Leather, Textile & Footwear	Chlorides	IS 798: 2020
1014.	Leather, Textile & Footwear	Iron	IS 798: 2020

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
1015.	Leather, Textile & Footwear	Lead	IS 798: 2020
1016.	Leather, Textile & Footwear	Magnesium	IS 798: 2020
1017.	Leather, Textile & Footwear	Manganese	IS 798: 2020
1018.	Leather, Textile & Footwear	Mercury	IS 798: 2020
1019.	Leather, Textile & Footwear	Molybdenum	IS 798: 2020
1020.	Leather, Textile & Footwear	Nitrates	IS 798: 2020
1021.	Leather, Textile & Footwear	Oxygen absorbed	IS 798: 2020
1022.	Leather, Textile & Footwear	Relative Density	IS 798: 2020
1023.	Leather, Textile & Footwear	Silica	IS 798: 2020
1024.	Leather, Textile & Footwear	Sulphates	IS 798: 2020
1025.	Leather, Textile & Footwear	Volatile acids	IS 798: 2020
1026.	Leather, Textile & Footwear	Orthophosphoric acid (H ₃ PO ₄), percent by mass, Min	IS 798: 2020
1027.	Leather, Textile & Footwear	Migration of Heavy Metal - Barium	IS 14625 (A1: 2016 + A2: 2019+ A3: 2021 + A4: 2022): 2015
1028.	Leather, Textile & Footwear	Migration of Heavy Metal- Antimony	IS 14625 (A1: 2016 + A2: 2019+ A3: 2021 + A4: 2022): 2015
1029.	Leather, Textile & Footwear	Migration of Heavy Metal- Cobalt	IS 14625 (A1: 2016 + A2: 2019+ A3: 2021 + A4: 2022): 2015

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
1030.	Leather, Textile & Footwear	Migration of Heavy Metal-Copper	IS 14625 (A1: 2016 + A2: 2019+ A3: 2021 + A4: 2022): 2015
1031.	Leather, Textile & Footwear	Migration of Heavy Metal-Iron	IS 14625 (A1: 2016 + A2: 2019+ A3: 2021 + A4: 2022): 2015
1032.	Leather, Textile & Footwear	Migration of Heavy Metal-Lithium	IS 14625 (A1: 2016 + A2: 2019+ A3: 2021 + A4: 2022): 2015
1033.	Leather, Textile & Footwear	Migration of Heavy Metal-Manganese	IS 14625 (A1: 2016 + A2: 2019+ A3: 2021 + A4: 2022): 2015
1034.	Leather, Textile & Footwear	Migration of Heavy Metal-zinc	IS 14625 (A1: 2016 + A2: 2019+ A3: 2021 + A4: 2022): 2015
1035.	Leather, Textile & Footwear	Phthalic acid (DEHP)	IS 14625 (A1: 2016 + A2: 2019+ A3: 2021 + A4: 2022): 2015
1036.	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,
1037.	Leather, Textile & Footwear	Manganese	IS 17439: 2020
1038.	Leather, Textile & Footwear	Aluminium	IS 17439: 2020
1039.	Leather, Textile & Footwear	Antimony	IS 17439: 2020
1040.	Leather, Textile & Footwear	ARSENIC	IS 17439: 2020

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
1041.	Leather, Textile & Footwear	Calcium	IS 17439: 2020
1042.	Leather, Textile & Footwear	CHLORIDES	IS 17439: 2020
1043.	Leather, Textile & Footwear	IRON	IS 17439: 2020
1044.	Leather, Textile & Footwear	LEAD	IS 17439: 2020
1045.	Leather, Textile & Footwear	Magnesium	IS 17439: 2020
1046.	Leather, Textile & Footwear	Mercury	IS 17439: 2020
1047.	Leather, Textile & Footwear	Molybdenum	IS 17439: 2020
1048.	Leather, Textile & Footwear	Nitrates	IS 17439: 2020
1049.	Leather, Textile & Footwear	Phosphoric acid H ₃ PO ₄ (percent by mass)	IS 17439: 2020
1050.	Leather, Textile & Footwear	Phosphorus pentoxide P ₂ O ₅ (percent by mass)	IS 17439: 2020
1051.	Leather, Textile & Footwear	Relative density	IS 17439: 2020
1052.	Leather, Textile & Footwear	Silica	IS 17439: 2020
1053.	Leather, Textile & Footwear	SULPHATES	IS 17439: 2020
1054.	Leather, Textile & Footwear	Migration of Certain Elements- Lead (Pb)	EN 16711-2:2015/ BS EN 16711-2: : 2021
1055.	Leather, Textile & Footwear	Migration of Certain Elements, Nickel (Ni)	EN 16711-2:2015/ BS EN 16711-2: : 2021

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
1056.	Leather, Textile & Footwear	Migration of Certain Elements, Cobalt (Co)	EN 16711-2:2015/ BS EN 16711-2: : 2021
1057.	Leather, Textile & Footwear	Migration of Certain Elements, Arsenic (As)	EN 16711-2:2015/ BS EN 16711-2: : 2021
1058.	Leather, Textile & Footwear	Migration of Certain Elements, Copper (Cu)	EN 16711-2:2015/ BS EN 16711-2: : 2021
1059.	Leather, Textile & Footwear	Migration of Certain Elements, Mercury (Hg)	EN 16711-2:2015/ BS EN 16711-2: : 2015
1060.	Leather, Textile & Footwear	Migration of Certain Elements, Antimony (Sb)	EN 16711-2:2015/ BS EN 16711-2: 2021
1061.	Leather, Textile & Footwear	Migration of Certain Elements, Cadmium (Cd)	EN 16711-2:2015/ BS EN 16711-2: : 2021
1062.	Leather, Textile & Footwear	Migration of Certain Elements, Chromium (Cr)	EN 16711-2:2015/ BS EN 16711-2: : 2021
1063.	Leather, Textile & Footwear	Aluminium	EN 71-3 (A1: 2021): 2019, EN 16711-3:2019/ BS EN 16711-3
1064.	Leather, Textile & Footwear	Antimony	EN 71-3 (A1: 2021): 2019, EN 16711-3:2019/ BS EN 16711-3
1065.	Leather, Textile & Footwear	Arsenic	EN 71-3 (A1: 2021): 2019, EN 16711-3:2019/ BS EN 16711-3
1066.	Leather, Textile & Footwear	Barium	EN 71-3 (A1: 2021): 2019, EN 16711-3:2019/ BS EN 16711-3
1067.	Leather, Textile & Footwear	Boron	EN 71-3 (A1: 2021): 2019, EN 16711-3:2019/ BS EN 16711-3
1068.	Leather, Textile & Footwear	Cadmium	EN 71-3 (A1: 2021): 2019. EN 16711-3:2019/ BS EN 16711-3

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
1069.	Leather, Textile & Footwear	Chromium (III)	EN 71-3 (A1: 2021): 2019, EN 16711-3:2019/ BS EN 16711-3
1070.	Leather, Textile & Footwear	Chromium (VI)	EN 71-3 (A1: 2021): 2019, EN 16711-3:2019/ BS EN 16711-3
1071.	Leather, Textile & Footwear	Cobalt	EN 71-3 (A1: 2021): 2019, EN 16711-3:2019/ BS EN 16711-3
1072.	Leather, Textile & Footwear	Copper	EN 71-3 (A1: 2021): 2019, EN 16711-3:2019/ BS EN 16711-3
1073.	Leather, Textile & Footwear	Lead	EN 71-3 (A1: 2021): 2019, EN 16711-3:2019/ BS EN 16711-3
1074.	Leather, Textile & Footwear	Manganese	EN 71-3 (A1: 2021): 2019, EN 16711-3:2019/ BS EN 16711-3
1075.	Leather, Textile & Footwear	Mercury	EN 71-3 (A1: 2021): 2019, EN 16711-3:2019/ BS EN 16711-3
1076.	Leather, Textile & Footwear	Nickel	EN 71-3 (A1: 2021): 2019, EN 16711-3:2019/ BS EN 16711-3
1077.	Leather, Textile & Footwear	Organic tin	EN 71-3 (A1: 2021): 2019, EN 16711-3:2019/ BS EN 16711-3
1078.	Leather, Textile & Footwear	Selenium	EN 71-3 (A1: 2021): 2019, EN 16711-3:2019/ BS EN 16711-3
1079.	Leather, Textile & Footwear	Strontium	EN 71-3 (A1: 2021): 2019, EN 16711-3:2019/ BS EN 16711-3
1080.	Leather, Textile & Footwear	Tin	EN 71-3 (A1: 2021): 2019, EN 16711-3:2019/ BS EN 16711-3
1081.	Leather, Textile & Footwear	Zinc	EN 71-3 (A1: 2021): 2019, EN 16711-3:2019/ BS EN 16711-3

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
1082.	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
1083.	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
1084.	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
1085.	Toys, Sports Equipment and Similar Products	Migration of Certain Elements Safety of Toys Part 3 Migration of Certain Elements, Cadmium (Cd)	ISO 8124-3:2020/Amd.1:2023, IS 9873-7
1086.	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
1087.	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
1088.	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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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
		of Certain Elements, Mercury (Hg)	
1089.	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
1090.	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
1091.	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
1092.	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
1093.	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
1094.	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

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
1095.	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
1096.	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
1097.	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
1098.	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
1099.	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)
1100.	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)

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
1101.	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)
1102.	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)
1103.	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)
1104.	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)
1105.	Toys, Sports Equipment and Similar Products	Determination of total concentration of certain elements. Lead (Pb) Cadmium (Cd) Aluminium (Al)	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		
		Antimony (Sb) Arsenic (As) Barium (Ba) Boron (B) Chromium (Cr) Cobalt (Co) Copper (Cu) Manganese (Mn) Mercury (Hg) Nickel (Ni) Selenium (Se) Strontium (Sr) Tin (Sn) Zinc (Zn) Ferrous (Fe)	
1106.	Toys, Sports Equipment and Similar Products	Determination of Certain Phthalate Esters di iso butyl phthalate (DIBP)	ISO 14389 : 2014
1107.	Toys, Sports Equipment and Similar Products	Determination of Certain Phthalate Esters, Bis(2-ethylhexyl) phthalate(DEHP)	ISO 14389 : 2014
1108.	Toys, Sports Equipment and Similar Products	Determination of Certain Phthalate Esters, Butyl Benzyl phthalate(BBP)	ISO 14389 : 2014

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
1109.	Toys, Sports Equipment and Similar Products	Determination of Certain Phthalate Esters, di n hexyl phthalate	ISO 14389 : 2014
1110.	Toys, Sports Equipment and Similar Products	Determination of Certain Phthalate Esters, Di-iso-decyl phthalate(DIDP)	ISO 14389 : 2014
1111.	Toys, Sports Equipment and Similar Products	Determination of Certain Phthalate Esters, Di-iso-nonyl phthalate(DINP)	ISO 14389 : 2014
1112.	Toys, Sports Equipment and Similar Products	Determination of Certain Phthalate Esters, Di-n-butyl phthalate(DBP)	ISO 14389 : 2014
1113.	Toys, Sports Equipment and Similar Products	Determination of Certain Phthalate Esters, Di-n-octyl phthalate(DNOP)	ISO 14389 : 2014
1114.	Toys, Sports Equipment and Similar Products	Poly Chlorinated biphenyl (PCB), Benzo [a]pyrene	IS 9873-7 : 2017
1115.	Toys, Sports Equipment and Similar Products	N-Nitroso dimethylamine	IS 9873-7 : 2017, EN 71-12:2013
1116.	Toys, Sports Equipment and Similar Products	N-Nitrosodiethylamine	IS 9873-7 : 2017, EN 71-12:2013
1117.	Toys, Sports Equipment and Similar Products	N-Nitrosodipropylamine	IS 9873-7 : 2017, EN 71-12:2013
1118.	Toys, Sports Equipment and Similar Products	N-Nitrosodibutylamine	IS 9873-7 : 2017, EN 71-12:2013

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
1119.	Toys, Sports Equipment and Similar Products	N-Nitrosopiperidine	IS 9873-7 : 2017, EN 71-12:2013
1120.	Toys, Sports Equipment and Similar Products	N-Nitroso pyrrolidine	IS 9873-7 : 2017, EN 71-12:2013
1121.	Toys, Sports Equipment and Similar Products	N-Nitrosomorpholine	IS 9873-7 : 2017, EN 71-12:2013
1122.	Toys, Sports Equipment and Similar Products	N-Nitroso-N-methylaniline	IS 9873-7 : 2017, EN 71-12:2013
1123.	Toys, Sports Equipment and Similar Products	Poly Chlorinated biphenyl (PCB), HCB	IS 9873-7 : 2017
1124.	Toys, Sports Equipment and Similar Products	Poly Chlorinated biphenyl (PCB), PCB 101	IS 9873-7 : 2017
1125.	Toys, Sports Equipment and Similar Products	Poly Chlorinated biphenyl (PCB), PCB 11	IS 9873-7 : 2017
1126.	Toys, Sports Equipment and Similar Products	Poly Chlorinated biphenyl (PCB), PCB 118	IS 9873-7 : 2017
1127.	Toys, Sports Equipment and Similar Products	Poly Chlorinated biphenyl (PCB), PCB 138	IS 9873-7 : 2017
1128.	Toys, Sports Equipment and Similar Products	Poly Chlorinated biphenyl (PCB), PCB 153	IS 9873-7 : 2017
1129.	Toys, Sports Equipment and Similar Products	Poly Chlorinated biphenyl (PCB), PCB 180	IS 9873-7 : 2017
1130.	Toys, Sports Equipment and Similar Products	Poly Chlorinated biphenyl (PCB), PCB 209	IS 9873-7 : 2017
1131.	Toys, Sports Equipment and Similar Products	Poly Chlorinated biphenyl (PCB), PCB 28	IS 9873-7 : 2017

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
1132.	Toys, Sports Equipment and Similar Products	Poly Chlorinated biphenyl (PCB), PCB 52	IS 9873-7 :2017
1133.	Toys, Sports Equipment and Similar Products	Determination of lead content	IS 12240 (part 5)
1134.	Leather & Footwear - Upper/Lining/ Collar/Tongue material	Color Fastness to perspiration	IS/ISO 105 E04: 2008, SARTRA TM335-2018, Cl. 4.1.3.2 of IS 3735 (A1: 1999 + A2: 2001 + A3: 2003 + A4: 2004):1996, Cl. 4.1.5.2 of IS 3736 (A1: 1999 + A2: 2001 + A3: 2003): 1996
1135.	Leather & footwear - Upper/Lining/ Collar/Tongue material	Colour fastness to light	Cl. 4.1.1.1, 4.1.2, 4.1.3.2 of IS 3735 (A1: 1999 + A2: 2001 + A3: 2003 + A4: 2004):1996, Cl. 4.1.1.1, 4.1.3.1, 4.1.5.2, 4.1.6.2 of IS 3736 (A1: 1999 + A2: 2001 + A3: 2003): 1995, Cl. 3.4 of IS 15844 (A1: 2019): 2010, IS 6191 (LF:4): 1971, IS/ISO 105 B02:2014, IS/ISO 105-B01: 2014
1136.	Leather & Leather Products	Color Fastness to Crocking	ISO 105 X12:2016

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*Note:

Scope Extension 1:

Following scope of accreditation is extended w.e.f. 18 July 2025

Electrical Testing-

- Domestic Electrical Appliances (S. No.- 557 to 1130; Page no. -56 to 105)

Mechanical Testing –

- Toys and Similar Products (S. No 115 to 157 Page no. 469 to 473)
- Paper and Paper Products (S. No. 1 to 12; Page no. 456)
- Textile and Textile Products (S. No. 1 to 470; Page no 394 to 455)
- Leather and Leather Products (S.No. 576 to 1029 Page no.302 to 393)
- Mechanical Properties of metals (S. No. 1 to 6; Page no. 457)

Chemical Testing –

- Hazardous and Restricted Chemicals (S.No. 1 to 762; Page no. – 474 to 576)

Scope Amendment 2 : The following amendment have been done in the scope w.e.f. 16 September 2025:

Inclusion of Schedule 40 of the Bureau of Energy Efficiency (BEE), pertaining to the Labelling of Evaporative Air Coolers in Domestic Electrical Appliances product group under Electrical Discipline (S.No. 571 to 589 Page No. 57 to 59)

