

Quality And Accreditation Institute

Centre for International Accreditation

(formerly Centre for Laboratory Accreditation)



Certificate of Accreditation

Alpha Test House Private Limited

Plot No.-198-199, Industrial Area, MIE Part-A, Phase-I,
Bahadurgarh, Jhajjar-124507, 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/2025/0100

Valid from: 30 January 2025

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

Dr. Bhupendra Kumar Rana
Chief Executive Officer

Valid until: 29 January 2027

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

Prof. Vikram Kumar
Chair, CIA



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* Scope Amended w.e.f.: 20 August 2025

Valid until: 29 January 2027

Accreditation Standard: ISO/IEC 17025:2017

Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
1.	Household and similar electrical appliances - safety - part 2-25: particular requirements for microwave ovens, including combination microwave ovens	Classification	Cl.6 of IEC 60335-2-25:2024
2.		Marking and instruction	Cl.7 of IEC 60335-2-25:2024
3.		Protection against access to live parts	Cl.8 of IEC 60335-2-25:2024
4.		Starting of motor operated appliances	Cl.9 of IEC 60335-2-25:2024
5.		Power input and current	Cl.10 of IEC 60335-2-25:2024
6.		Heating	Cl.11 of IEC 60335-2-25:2024
7.		Charging of metal ion batteries	Cl.12 of IEC 60335-2-25:2024
8.		Leakage current and electric strength at operating temperature	Cl.13 of IEC 60335-2-25:2024
9.		Transient over voltages	Cl.14 of IEC 60335-2-25:2024
10.		Moisture resistance	Cl.15 of IEC 60335-2-25:2024
11.		Leakage current and electric strength	Cl.16 of IEC 60335-2-25:2024
12.		Overload protection of transformers and associated circuits	Cl.17 of IEC 60335-2-25:2024

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
13.	Household and similar electrical appliances - safety - part 2-25: particular requirements for microwave ovens, including combination microwave ovens	Endurance	Cl.18 of IEC 60335-2-25:2024
14.		Abnormal operation	Cl.19 of IEC 60335-2-25:2024
15.		Stability and mechanical hazards	Cl.20 of IEC 60335-2-25:2024
16.		Mechanical strength	Cl.21 of IEC 60335-2-25:2024
17.		Construction	Cl.22 of IEC 60335-2-25:2024
18.		Internal wiring	Cl.23 of IEC 60335-2-25:2024
19.		Components	Cl.24 of IEC 60335-2-25:2024
20.		Supply connection and external flexible cords	Cl.25 of IEC 60335-2-25:2024
21.		Terminals for external conductors	Cl.26 of IEC 60335-2-25:2024
22.		Provision for earthing	Cl.27 of IEC 60335-2-25:2024
23.		Screws and connections	Cl.28 of IEC 60335-2-25:2024
24.		Clearances, creepage distances and solid insulation	Cl.29 of IEC 60335-2-25:2024
25.		Resistance to heat and fire	Cl.30 of IEC 60335-2-25:2024
26.		Resistance to rusting	Cl.31 of IEC 60335-2-25:2024
27.		Radiation, toxicity and similar hazards	Cl.32 of IEC 60335-2-25:2024

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
28.	Safety of household and similar electrical appliances part 2 particular requirements Section 6 cooking ranges, hobs, ovens and similar appliances	Classification	Cl.6 of IS 302-2-6:2009 (R:2014) & BEE Schedule
29.		Marking and instruction	Cl.7 of IS 302-2-6:2009 (R:2014) & BEE Schedule
30.		Protection against access to live parts	Cl.8 of IS 302-2-6:2009 (R:2014) & BEE Schedule
31.		Starting of motor operated appliances	Cl.9 of IS 302-2-6:2009 (R:2014)
32.		Power input and current	Cl.10 of IS 302-2-6:2009 (R:2014) & BEE Schedule
33.		Heating	Cl.11 of IS 302-2-6:2009 (R:2014) & BEE Schedule
34.		Leakage current and electric strength at operating temperature	Cl.13 of IS 302-2-6:2009 (R:2014) & BEE Schedule
35.		Transient overvoltage	Cl.14 of IS 302-2-6:2009 (R:2014) & BEE Schedule
36.		Moisture resistance	Cl.15 of IS 302-2-6:2009 (R:2014) & BEE Schedule
37.		Leakage current and electric strength	Cl.16 of IS 302-2-6:2009 (R:2014) & BEE Schedule

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
38.	Safety of household and similar electrical appliances part 2 particular requirements Section 6 cooking ranges, hobs, ovens and similar appliances	Overload protection of transformers and associated circuits	Cl.17 of IS 302-2-6:2009 (R:2014) & BEE Schedule
39.		Endurance	Cl.18 of IS 302-2-6:2009 (R:2014)
40.		Abnormal operation	Cl.19 of IS 302-2-6:2009 (R:2014) & BEE Schedule
41.		Stability and mechanical hazards	Cl.20 of IS 302-2-6:2009 (R:2014) & BEE Schedule
42.		Mechanical strength	Cl.21 of IS 302-2-6:2009 (R:2014) & BEE Schedule
43.		Construction	Cl.22 of IS 302-2-6:2009 (R:2014) & BEE Schedule
44.		Internal wiring	Cl.23 of IS 302-2-6:2009 (R:2014) & BEE Schedule
45.		Components	Cl.24 of IS 302-2-6:2009 (R:2014) & BEE Schedule
46.		Supply connection and external flexible cords	Cl.25 of IS 302-2-6:2009 (R:2014) & BEE Schedule
47.		Terminals for external conductors	Cl.26 of IS 302-2-6:2009 (R:2014) & BEE Schedule

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
48.	Safety of household and similar electrical appliances part 2 particular requirements Section 6 cooking ranges, hobs, ovens and similar appliances	Provision for earthing	Cl.27 of IS 302-2-6:2009 (R:2014) & BEE Schedule
49.		Screws and connections	Cl.28 of IS 302-2-6:2009 (R:2014) & BEE Schedule
50.		Clearances, creepage distances and solid insulation	Cl.29 of IS 302-2-6:2009 (R:2014) & BEE Schedule
51.		Resistance to heat and fire	Cl.30 of IS 302-2-6:2009 (R:2014) & BEE Schedule
52.		Resistance to rusting	Cl.31 of IS 302-2-6:2009 (R:2014) & BEE Schedule
53.		Radiation, toxicity and similar hazards	Cl.32 of IS 302-2-6:2009 (R:2014) & BEE Schedule
54.	Safety of household and similar Electrical appliances Part 2 particular requirements Section 7 domestic electric clothes washing machines	Classification	Cl.6 of IS 302-2-7:2024
55.		Marking and instruction	Cl.7 of IS 302-2-7:2024
56.		Protection against access to live parts	Cl.8 of IS 302-2-7:2024
57.		Starting of motor operated appliances	Cl.9 of IS 302-2-7:2024
58.		Power input and current	Cl.10 of IS 302-2-7:2024

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
59.	Safety of household and similar Electrical appliances Part 2 particular requirements Section 7 domestic electric clothes washing machines	Heating	Cl.11 of IS 302-2-7:2024
60.		Leakage current and electric strength at operating temperature	Cl.13 of IS 302-2-7:2024
61.		Transient over voltages	Cl.14 of IS 302-2-7:2024
62.		Moisture resistance	Cl.15 of IS 302-2-7:2024
63.		Leakage current and electric strength	Cl.16 of IS 302-2-7:2024
64.		Overload protection of transformers and associated circuits	Cl.17 of IS 302-2-7:2024
65.		Endurance	Cl.18 of IS 302-2-7:2024
66.		Abnormal operation	Cl.19 of IS 302-2-7: 2024
67.		Stability and mechanical hazards	Cl.20 of IS 302-2-7:2024
68.		Mechanical strength	Cl.21 of IS 302-2-7: 2024
69.		Construction	Cl.22 of IS 302-2-7:2024
70.		Internal wiring	Cl.23 of IS 302-2-7:2024
71.		Components	Cl.24 of IS 302-2-7: 2024

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
72.	Safety of household and similar Electrical appliances Part 2 particular requirements Section 7 domestic electric clothes washing machines	Supply connection and external flexible cords	Cl.25 of IS 302-2-7:2024
73.		Terminals for external conductors	Cl.26 of IS 302-2-7:2024
74.		Provision for earthing	Cl.27 of IS 302-2-7:2024
75.		Screws and connections	Cl.28 of IS 302-2-7:2024
76.		Clearances, creepage distances and solid insulation	Cl.29 of IS 302-2-7:2024
77.		Resistance to heat and fire	Cl.30 of IS 302-2-7:2024
78.		Resistance to rusting	Cl.31 of IS 302-2-7:2024
79.		Radiation, toxicity and similar hazards	Cl.32 of IS 302-2-7:2024
80.	Safety of household and similar Electrical appliances Part 2 particular requirements Section 9 toasters, grills, roasters and similar appliances	Classification	Cl.6 of IS 302-2-9:2009 (R:2014)
81.		Marking and instruction	Cl.7 of IS 302-2-9:2009 (R:2014)
82.		Protection against access to live parts	Cl.8 of IS 302-2-9:2009 (R:2014)
83.		Power input and current	Cl.10 of IS 302-2-9:2009 (R:2014)
84.		Heating	Cl.11 of IS 302-2-9:2009 (R:2014)

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
85.	Safety of household and similar Electrical appliances Part 2 particular requirements Section 9 toasters, grills, roasters and similar appliances	Leakage current and electric strength at operating temperature	Cl.13 of IS 302-2-9:2009 (R:2014)
86.		Transient over voltages	Cl.14 of IS 302-2-9:2009 (R:2014)
87.		Moisture resistance	Cl.15 of IS 302-2-9:2009 (R:2014)
88.		Leakage current and electric strength	Cl.16 of IS 302-2-9:2009 (R:2014)
89.		Overload protection of transformers and associated circuits	Cl.17 of IS 302-2-9:2009 (R:2014)
90.		Abnormal operation	Cl.19 of IS 302-2-9:2009 (R:2014)
91.		Stability and mechanical hazards	Cl.20 of IS 302-2-9:2009 (R:2014)
92.		Mechanical strength	Cl.21 of IS 302-2-9:2009 (R:2014)
93.		Construction	Cl.22 of IS 302-2-9:2009 (R:2014)
94.		Internal wiring	Cl.23 of IS 302-2-9:2009 (R:2014)
95.		Components	Cl.24 of IS 302-2-9:2009 (R:2014)
96.		Supply connection and external flexible cords	Cl.25 of IS 302-2-9:2009 (R:2014)

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
97.	Safety of household and similar Electrical appliances Part 2 particular requirements Section 9 toasters, grills, roasters and similar appliances	Terminals for external conductors	Cl.26 of IS 302-2-9:2009 (R:2014)
98.		Provision for earthing	Cl.27 of IS 302-2-9:2009 (R:2014)
99.		Screws and connections	Cl.28 of IS 302-2-9:2009 (R:2014)
100.		Clearances, creepage distances and solid insulation	Cl.29 of IS 302-2-9:2009 (R:2014)
101.		Resistance to heat and fire	Cl.30 of IS 302-2-9:2009 (R:2014)
102.		Resistance to rusting	Cl.31 of IS 302-2-9:2009 (R:2014)
103.		Radiation, toxicity and similar hazards	Cl.32 of IS 302-2-9:2009 (R:2014)
104.	Safety of household and similar electrical appliances part 2 particular requirements section 12 warming plates and similar appliances	Rating	Cl.5 of IS 302-2-12:1993 (R:2019)
105.		Classification	Cl.6 of IS 302-2-12:1993 (R:2019)
106.		Marking	Cl.7 of IS 302-2-12:1993 (R:2019)
107.		Protection against electric shock	Cl.8 of IS 302-2-12:1993 (R:2019)
108.		Input and current	Cl.10 of IS 302-2-12:1993 R:2019
109.		Temperature rise	Cl.11 of IS 302-2-12:1993 R:2014

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
110.	Safety of household and similar electrical appliances part 2 particular requirements section 12 warming plates and similar appliances	Operation under overload conditions of appliances with heating elements	Cl.12 of IS 302-2-12:1993 (R:2019)
111.		Electric insulation and leakage current at operating temperature	Cl.13 of IS 302-2-12:1993 (R:2019)
112.		Radio and television interference suppression	Cl.14 of IS 302-2-12:1993 (R:2019)
113.		Moisture resistance	Cl.15 of IS 302-2-12:1993 (R:2019)
114.		Insulation resistance and electric strength (after humidity treatment)	Cl.16 of IS 302-2-12:1993 (R:2019)
115.		Overload protection	Cl.17 of IS 302-2-12:1993 (R:2019)
116.		Abnormal operation	Cl.19 of IS 302-2-12:1993 (R:2019)
117.		Stability and mechanical hazards	Cl.20 of IS 302-2-12:1993 (R:2019)
118.		Mechanical strength	Cl.21 of IS 302-2-12:1993 (R:2019)
119.		Construction	Cl.22 of IS 302-2-12:1993 (R:2019)
120.		Internal wiring	Cl.23 of IS 302-2-12:1993 (R:2019)
121.		Components	Cl.24 of IS 302-2-12:1993 (R:2019)

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
122.	Safety of household and similar electrical appliances part 2 particular requirements section 12 warming plates and similar appliances	Supply connection and external flexible cables and cords	Cl.25 of IS 302-2-12:1993 (R:2019)
123.		Terminals for external conductors	Cl.26 of IS 302-2-12:1993 (R:2019)
124.		Provision for earthing	Cl.27 of IS 302-2-12:1993 (R:2019)
125.		Screws and connections	Cl.28 of IS 302-2-12:1993 (R:2019)
126.		Creepage distance and clearances	Cl.29 of IS 302-2-12:1993 (R:2019)
127.		Resistance to heat, fire and tracking	Cl.30 of IS 302-2-12:1993 (R:2019)
128.		Resistance to rusting	Cl.31 of IS 302-2-12:1993 (R:2019)
129.		Radiation hazards	Cl.32 of IS 302-2-12:1993 (R:2019)
130.	Safety of household and similar electrical appliances part 2 particular requirements Section 14 electric kitchen machines	Classification	Cl.6 of IS 302-2-14:2009 (R:2014)
131.		Marking and instruction	Cl.7 of IS 302-2-14:2009 (R:2014)
132.		Protection against access to live parts	Cl.8 of IS 302-2-14:2009 (R:2014)
133.		Power input and current	Cl.10 of IS 302-2-14:2009 (R:2014)
134.		Heating	Cl.11 of IS 302-2-14:2009 (R:2014)
135.		Leakage current and electric strength at operating temperature	Cl.13 of IS 302-2-14:2009 (R:2014)

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
136.	Safety of household and similar electrical appliances part 2 particular requirements Section 14 electric kitchen machines	Transient overvoltage	Cl.14 of IS 302-2-14:2009 (R:2014)
137.		Moisture resistance	Cl.15 of IS 302-2-14:2009 (R:2014)
138.		Leakage current and electric strength	Cl.16 of IS 302-2-14:2009 (R:2014)
139.		Overload protection of transformer and associated circuits	Cl.17 of IS 302-2-14:2009 (R:2014)
140.		Abnormal operation	Cl.19 of IS 302-2-14:2009 (R:2014)
141.		Stability and mechanical hazards	Cl.20 of IS 302-2-14:2009 (R:2014)
142.		Mechanical strength	Cl.21 of IS 302-2-14:2009 (R:2014)
143.		Construction	Cl.22 of IS 302-2-14:2009 (R:2014)
144.		Internal wiring	Cl.23 of IS 302-2-14:2009 (R:2014)
145.		Components	Cl.24 of IS 302-2-14:2009 (R:2014)
146.		Supply connection and external flexible cords	Cl.25 of IS 302-2-14:2009 (R:2014)
147.		Terminals for external conductors	Cl.26 of IS 302-2-14:2009 (R:2014)
148.		Provision for earthing	Cl.27 of IS 302-2-14:2009 (R:2014)

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
149.	Safety of household and similar electrical appliances part 2 particular requirements Section 14 electric kitchen machines	Screws and connections	Cl.28 of IS 302-2-14:2009 (R:2014)
150.		Clearances, creepage distances and solid insulation	Cl.29 of IS 302-2-14:2009 (R:2014)
151.		Resistance to heat and fire	Cl.30 of IS 302-2-14:2009 (R:2014)
152.		Resistance to rusting	Cl.31 of IS 302-2-14:2009 (R:2014)
153.		Radiation, toxicity and similar hazards	Cl.32 of IS 302-2-14:2009 (R:2014)
154.	Safety of household and similar electrical appliances part 2 particular requirements Section 23 appliances for skin or hair care	Classification	Cl.6 of IS 302-2-23:2009 (R:2014)
155.		Marking and instruction	Cl.7 of IS 302-2-23:2009 (R:2014)
156.		Protection against access to live parts	Cl.8 of IS 302-2-23:2009 (R:2014)
157.		Power input and current	Cl.10 of IS 302-2-23:2009 (R:2014)
158.		Heating	Cl.11 of IS 302-2-23:2009 (R:2014)
159.		Leakage current and electric strength at operating temperature	Cl.13 of IS 302-2-23:2009 (R:2014)
160.		Transient over voltages	Cl.14 of IS 302-2-23:2009 (R:2014)
161.		Moisture resistance	Cl.15 of IS 302-2-23:2009 (R:2014)

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
162.	Safety of household and similar electrical appliances part 2 particular requirements Section 23 appliances for skin or hair care	Leakage current and electric strength	Cl.16 of IS 302-2-23:2009 (R:2014)
163.		Overload protection of transformers and associated circuits	Cl.17 of IS 302-2-23:2009 (R:2014)
164.		Abnormal operation	Cl.19 of IS 302-2-23:2009 (R:2014)
165.		Stability and mechanical hazards	Cl.20 of IS 302-2-23:2009 (R:2014)
166.		Mechanical strength	Cl.21 of IS 302-2-23:2009 (R:2014)
167.		Construction	Cl.22 of IS 302-2-23:2009 (R:2014)
168.		Internal wiring	Cl.23 of IS 302-2-23:2009 (R:2014)
169.		Components	Cl.24 of IS 302-2-23:2009 (R:2014)
170.		Supply connection and external flexible cords	Cl.25 of IS 302-2-23:2009 (R:2014)
171.		Terminals for external conductors	Cl.26 of IS 302-2-23:2009 (R:2014)
172.		Provision for earthing	Cl.27 of IS 302-2-23:2009 (R:2014)
173.		Screws and connections	Cl.28 of IS 302-2-23:2009 (R:2014)
174.		Clearances, creepage distances and solid insulation	Cl.29 of IS 302-2-23:2009 (R:2014)

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
175.	Safety of household and similar electrical appliances part 2 particular requirements Section 23 appliances for skin or hair care	Resistance to heat and fire	Cl.30 of IS 302-2-23:2009 (R:2014)
176.		Resistance to rusting	Cl.31 of IS 302-2-23:2009 (R:2014)
177.	Safety of household and similar electrical appliances part 2 particular requirements section 24 refrigerators, food-freezers and ice-makers	Rating	Cl.5 of IS 302-2-24:1994 (R:2014)
178.		Classification	Cl.6 of IS 302-2-24:1994 (R:2014)
179.		Marking	Cl.7 of IS 302-2-24:1994 (R:2014)
180.		Protection against electric shock	Cl.8 of IS 302-2-24:1994 (R:2014)
181.		Starting of motor-operated appliances	Cl.9 of IS 302-2-24:1994 (R:2014)
182.		Input and current	Cl.10 of IS 302-2-24:1994 (R:2014)
183.		Temperature rise	Cl.11 of IS 302-2-24:1994 (R:2014)
184.		Operation under overload condition of appliances with heating elements	Cl.12 of IS 302-2-24:1994 (R:2014)

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
185.	Safety of household and similar electrical appliances part 2 particular requirements section 24 refrigerators, food-freezers and ice-makers	Electric insulation and leakage current at operating temperature	Cl.13 of IS 302-2-24:1994 (R:2014)
186.		Radio and television interference suppression	Cl. 14 of IS 302-2-24: 1994 (R:2014)
187.		Moisture resistance	Cl.15 of IS 302-2-24:1994 (R:2014)
188.		Insulation resistance and electric strength (after humidity treatment)	Cl.16 of IS 302-2-24:1994 (R:2014)
189.		Overload protection	Cl.17 of IS 302-2-24:1994 (R:2014)
190.		Abnormal operation	Cl.19 of IS 302-2-24:1994 (R:2014)
191.		Stability and mechanical hazards	Cl.20 of IS 302-2-24:1994 (R:2014)
192.		Mechanical strength	Cl.21 of IS 302-2-24:1994 (R:2014)
193.		Construction	Cl.22 of IS 302-2-24:1994 (R:2014)
194.		Internal wiring	Cl.23 of IS 302-2-24:1994 (R:2014)
195.		Components	Cl.24 of IS 302-2-24:1994 (R:2014)
196.		Supply connection and external flexible cables and cords	Cl.25 of IS 302-2-24:1994 (R:2014)

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
197.	Safety of household and similar electrical appliances part 2 particular requirements section 24 refrigerators, food-freezers and ice-makers	Terminals for external conductors	Cl.26 of IS 302-2-24:1994 (R:2014)
198.		Provision for earthing	Cl.27 of IS 302-2-24:1994 (R:2014)
199.		Screws and connections	Cl.28 of IS 302-2-24:1994 (R:2014)
200.		Creepage distances, clearances and distances through insulation	Cl.29 of IS 302-2-24:1994 (R:2014)
201.		Resistance to heat, fire and tracking	Cl.30 of IS 302-2-24:1994 (R:2014)
202.		Resistance to rusting	Cl.31 of IS 302-2-24:1994 (R:2014)
203.	Safety of household and similar electrical appliances part 2 particular requirements section 25 microwave ovens, including combination microwave ovens	Classification	Cl.6 of IS 302-2-25:2014 (R:2019)
204.		Marking and instruction	Cl.7 of IS 302-2-25:2014 (R:2019)
205.		Protection against access to live parts	Cl.8 of IS 302-2-25:2014 (R:2019)
206.		Power input and current	Cl.10 of IS 302-2-25:2014 (R:2019)
207.		Heating	Cl.11 of IS 302-2-25:2014 (R:2019)
208.		Leakage current and electric strength at operating temperature	Cl.13 of IS 302-2-25:2014 (R:2019)
209.		Transient over voltages	Cl.14 of IS 302-2-25:2014 (R:2019)

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
210.	Safety of household and similar Electrical appliances Part 2 particular requirements Section 25 microwave ovens, including combination Microwave ovens	Moisture resistance	Cl.15 of IS 302-2-25:2014 (R:2019)
211.		Leakage current and electric strength	Cl.16 of IS 302-2-25:2014 (R:2019)
212.		Overload protection of transformers and associated circuits	Cl.17 of IS 302-2-25:2014 (R:2019)
213.		Endurance	Cl.18 of IS 302-2-25:2014 (R:2019)
214.		Abnormal operation	Cl.19 of IS 302-2-25:2014 (R:2019)
215.		Stability and mechanical hazards	Cl.20 of IS 302-2-25:2014 (R:2019)
216.		Mechanical strength	Cl.21 of IS 302-2-25:2014 (R:2019)
217.		Construction	Cl.22 of IS 302-2-25:2014 (R:2019)
218.		Internal wiring	Cl.23 of IS 302-2-25:2014 (R:2019)
219.		Components	Cl.24 of IS 302-2-25:2014 (R:2019)
220.		Supply connection and external flexible cords	Cl.25 of IS 302-2-25:2014 (R:2019)
221.		Terminals for external conductors	Cl.26 of IS 302-2-25:2014 (R:2019)
222.		Provision for earthing	Cl.27 of IS 302-2-25:2014 (R:2019)

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
223.	Safety of household and similar Electrical appliances Part 2 particular requirements Section 25 microwave ovens, including combination Microwave ovens	Screws and connections	Cl.28 of IS 302-2-25:2014 (R:2019)
224.		Clearances, creepage distances and solid insulation	Cl.29 of IS 302-2-25:2014 (R:2019)
225.		Resistance to heat and fire	Cl.30 of IS 302-2-25:2014 (R:2019)
226.		Resistance to rusting	Cl.31 of IS 302-2-25:2014 (R:2019)
227.	Safety of household and similar Electrical appliances Part 2 particular requirements Section 31 range hoods	Classification	Cl.6 of IS 302-2-31:2009 (R:2014)
228.		Marking and instruction	Cl.7 of IS 302-2-31:2009 (R:2014)
229.		Protection against access to live parts	Cl.8 of IS 302-2-31:2009 (R:2014)
230.		Starting of motor operated appliances	Cl.9 of IS 302-2-31:2009 (R:2014)
231.		Power input and current	Cl.10 of IS 302-2-31:2009 (R:2014)
232.		Heating	Cl.11 of IS 302-2-31:2009 (R:2014)
233.		Leakage current and electric strength at operating temperature	Cl.13 of IS 302-2-31:2009 (R:2014)
234.		Transient over voltages	Cl.14 of IS 302-2-31:2009 (R:2014)
235.		Moisture resistance	Cl.15 of IS 302-2-31:2009 (R:2014)

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
236.	Safety of household and similar Electrical appliances Part 2 particular requirements Section 31 range hoods	Leakage current and electric strength	Cl.16 of IS 302-2-31:2009 (R:2014)
237.		Overload protection of transformers and associated circuits	Cl.17 of IS 302-2-31:2009 (R:2014)
238.		Abnormal operation	Cl.19 of IS 302-2-31:2009 (R:2014)
239.		Stability and mechanical hazards	Cl.20 of IS 302-2-31:2009 (R:2014)
240.		Mechanical strength	Cl.21 of IS 302-2-31:2009 (R:2014)
241.		Construction	Cl.22 of IS 302-2-31:2009 (R:2014)
242.		Internal wiring	Cl.23 of IS 302-2-31:2009 (R:2014)
243.		Components	Cl.24 of IS 302-2-31:2009 (R:2014)
244.		Supply connection and external flexible cords	Cl.25 of IS 302-2-31:2009 (R:2014)
245.		Terminals for external conductors	Cl.26 of IS 302-2-31:2009 (R:2014)
246.		Provision for earthing	Cl.27 of IS 302-2-31:2009 (R:2014)
247.		Screws and connections	Cl.28 of IS 302-2-31:2009 (R:2014)
248.		Clearances, creepage distances and solid insulation	Cl.29 of IS 302-2-31:2009 (R:2014)

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
249.	Safety of household and similar Electrical appliances Part 2 particular requirements Section 31 range hoods	Resistance to heat and fire	Cl.30 of IS 302-2-31:2009 (R:2014)
250.		Resistance to rusting	Cl.31 of IS 302-2-31:2009 (R:2014)
251.	Safety of household and similar electrical appliances part 2 particular requirements Section 46 electric steam cookers	Rating	Cl.5 of IS 302-2-46:1993 (R:2019)
252.		Classification	Cl.6 of IS 302-2-46:1993 (R:2019)
253.		Marking	Cl.7 of IS 302-2-46:1993 (R:2019)
254.		Protection against electric shock	Cl.8 of IS 302-2-46:1993 (R:2019)
255.		Starting of motor operated appliances	Cl.9 of IS 302-2-46:1993 (R:2019)
256.		Input and current	Cl.10 of IS 302-2-46:1993 (R:2019)
257.		Temperature rise	Cl.11 of IS 302-2-46:1993 (R:2019)
258.		Operation under overload conditions of appliances with heating elements	Cl.12 of IS 302-2-46:1993 (R:2019)
259.		Electrical insulation and leakage current at operating temperature	Cl.13 of IS 302-2-46:1993 (R:2019)
260.		Radio and television interference suppression	Cl.14 of IS 302-2-46:1993 (R:2019)

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
261.	Safety of household and similar electrical appliances part 2 particular requirements Section 46 electric steam cookers	Moisture resistance	Cl.15 of IS 302-2-46:1993 (R:2019)
262.		Insulation resistance and electric shock strength (after humidity treatment)	Cl.16 of IS 302-2-46:1993 (R:2019)
263.		Overload protection	Cl.17 of IS 302-2-46:1993 (R:2019)
264.		Abnormal operation	Cl.19 of IS 302-2-46:1993 (R:2019)
265.		Stability and mechanical hazards	Cl.20 of IS 302-2-46:1993 (R:2019)
266.		Mechanical strength	Cl.21 of IS 302-2-46:1993 (R:2019)
267.		Construction	Cl.22 of IS 302-2-46:1993 (R:2019)
268.		Internal wiring	Cl.23 of IS 302-2-46:1993 (R:2019)
269.		Components	Cl.24 of IS 302-2-46:1993 (R:2019)
270.		Supply connection and external flexible cables and cords	Cl.25 of IS 302-2-46:1993 (R:2019)
271.		Terminals for external conductors	Cl.26 of IS 302-2-46:1993 (R:2019)
272.		Provision for earthing	Cl.27 of IS 302-2-46:1993 (R:2019)
273.		Screws and connections	Cl.28 of IS 302-2-46:1993 (R:2019)
274.		Creepage distances, clearances	Cl.29 of IS 302-2-46:1993 (R:2019)

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
275.	Safety of household and similar electrical appliances part 2 particular requirements Section 46 electric steam cookers	Resistance to heat, fire and tracking	Cl.30 of IS 302-2-46:1993 (R:2019)
276.		Resistance to rusting	Cl.31 of IS 302-2-46:1993 (R:2019)
277.	Household and similar Electrical appliances — safety Part 2 particular requirements Section 59 insect killers	General requirement	Cl.4 of IS 302 (Part 2/Sec 59): 2024/IEC 60335-2-59: 2021
278.		General conditions for the tests	Cl.5 of IS 302 (Part 2/Sec 59): 2024/IEC 60335-2-59: 2021
279.		Classification	Cl.6 of IS 302 (Part 2/Sec 59): 2024/IEC 60335-2-59: 2021
280.		Marking and instructions	Cl.7 of IS 302 (Part 2/Sec 59): 2024/IEC 60335-2-59: 2021
281.		Protection against access to live parts	Cl.8 of IS 302 (Part 2/Sec 59): 2024/IEC 60335-2-59: 2021
282.		Starting of motor operated appliances	Cl.9 of IS 302 (Part 2/Sec 59): 2024/IEC 60335-2-59: 2021
283.		Power input and current	Cl.10 of IS 302 (Part 2/Sec 59): 2024/IEC 60335-2-59: 2021
284.		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		
285.	Household and similar Electrical appliances — safety Part 2 particular requirements Section 59 insect killers	Charging of metal-ion batteries	Cl.12 of IS 302 (Part 2/Sec 59): 2024/IEC 60335-2-59: 2021
286.		Leakage current and electric strength at operating temperature	Cl.13 of IS 302 (Part 2/Sec 59): 2024/IEC 60335-2-59: 2021
287.		Transient over voltages	Cl.14 of IS 302 (Part 2/Sec 59): 2024/IEC 60335-2-59: 2021
288.		Moisture resistance	Cl.15 of IS 302 (Part 2/Sec 59): 2024/IEC 60335-2-59: 2021
289.		Leakage current and electric strength	Cl.16 of IS 302 (Part 2/Sec 59): 2024/IEC 60335-2-59: 2021
290.		Overload protection of transformers and associated circuits	Cl.17 of IS 302 (Part 2/Sec 59): 2024/IEC 60335-2-59: 2021
291.		Abnormal operation	Cl.19 of IS 302 (Part 2/Sec 59): 2024/IEC 60335-2-59: 2021
292.		Stability and mechanical hazards	Cl.20 of IS 302 (Part 2/Sec 59): 2024/IEC 60335-2-59: 2021
293.		Mechanical strength	Cl.21 of IS 302 (Part 2/Sec 59): 2024/IEC 60335-2-59: 2021
294.		Construction	Cl.22 of IS 302 (Part 2/Sec 59): 2024/IEC 60335-2-59: 2021

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
295.	Household and similar Electrical appliances — safety Part 2 particular requirements Section 59 insect killers	Internal wiring	Cl.23 of IS 302 (Part 2/Sec 59): 2024/IEC 60335-2-59: 2021
296.		Components	Cl.24 of IS 302 (Part 2/Sec 59): 2024/IEC 60335-2-59: 2021
297.		Supply connection and external flexible cords	Cl.25 of IS 302 (Part 2/Sec 59): 2024/IEC 60335-2-59: 2021
298.		Terminals for external conductors	Cl.26 of IS 302 (Part 2/Sec 59): 2024/IEC 60335-2-59: 2021
299.		Provision for earthing	Cl.27 of IS 302 (Part 2/Sec 59): 2024/IEC 60335-2-59: 2021
300.		Screws and connections	Cl.28 of IS 302 (Part 2/Sec 59): 2024/IEC 60335-2-59: 2021
301.		Clearances, creepage distances and solid insulation	Cl.29 of IS 302 (Part 2/Sec 59): 2024/IEC 60335-2-59: 2021
302.		Resistance to heat, fire and tracking	Cl.30 of IS 302 (Part 2/Sec 59): 2024/IEC 60335-2-59: 2021
303.		Resistance to rusting	Cl.31 of IS 302 (Part 2/Sec 59): 2024/IEC 60335-2-59: 2021

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
304.	Household and similar electrical Appliances-safety part 2-80: particular requirements for fans	Classification	Cl.6 of IS 302-2-80:2017
305.		Marking and instruction	Cl.7 of IS 302-2-80:2017
306.		Protection against access to live parts	Cl.8 of IS 302-2-80:2017
307.		Starting of motor-operated appliances	Cl.9 of IS 302-2-80:2017
308.		Power input and current	Cl.10 of IS 302-2-80:2017
309.		Heating	Cl.11 of IS 302-2-80:2017
310.		Leakage current and electric strength at operating temperature	Cl.13 of IS 302-2-80:2017
311.		Transient over voltages	Cl.14 of IS 302-2-80:2017
312.		Moisture resistance	Cl.15 of IS 302-2-80:2017
313.		Leakage current and electric strength	Cl.16 of IS 302-2-80:2017
314.		Overload protection of transformers and associated circuits	Cl.17 of IS 302-2-80:2017
315.		Abnormal operation	Cl.19 of IS 302-2-80:2017

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
316.	Household and similar electrical Appliances-safety part 2-80: particular requirements for fans	Stability and mechanical hazards	Cl.20 of IS 302-2-80:2017
317.		Mechanical strength	Cl.21 of IS 302-2-80:2017
318.		Construction	Cl.22 of IS 302-2-80:2017
319.		Internal wiring	Cl.23 of IS 302-2-80:2017
320.		Components	Cl.24 of IS 302-2-80:2017
321.		Supply connection and external flexible cords	Cl.25 of IS 302-2-80:2017
322.		Terminals for external conductors	Cl.26 of IS 302-2-80:2017
323.		Provision for earthing	Cl.27 of IS 302-2-80:2017
324.		Screws and connections	Cl.28 of IS 302-2-80:2017
325.		Clearances, creepage distances and solid insulation	Cl.29 of IS 302-2-80:2017
326.		Resistance to heat and fire	Cl.30 of IS 302-2-80:2017
327.		Resistance to rusting	Cl.31 of IS 302-2-80:2017

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Scope of Accreditation

Alpha Test House Private Limited

Plot No.-198-199, Industrial Area, MIE Part-A, Phase-I,
Bahadurgarh, Jhajjar-124507, Haryana, India

QAI/CIA/TL/2025/0100

Valid from: 30 January 2025

* Scope Amended w.e.f.: 20 August 2025

Valid until: 29 January 2027

Accreditation Standard: ISO/IEC 17025:2017

Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
328.	Safety of household and similar electrical appliances part 2 particular requirements section 203 electric call bells and buzzers for indoor use	Rating	Cl.5 of IS 302-2-203:1994 (R:2019)
329.		Classification	Cl.6 of IS 302-2-203:1994 (R:2019)
330.		Marking	Cl.7 of IS 302-2-203:1994 (R:2019)
331.		Protection against electric shock	Cl.8 of IS 302-2-203:1994 (R:2019)
332.		Input and current	Cl.10 of IS 302-2-203:1994 (R:2019)
333.		Temperature rise	Cl.11 of IS 302-2-203:1994 (R:2019)
334.		Electric insulation and leakage current at operating temperature	Cl.13 of IS 302-2-203:1994 (R:2019)
335.		Radio and television interference suppression	Cl.14 of IS 302-2-203:1994 (R:2019)
336.		Moisture resistance	Cl.15 of IS 302-2-203:1994 (R:2019)
337.		Insulation resistance and electric strength (after humidity treatment)	Cl.16 of IS 302-2-203:1994 (R:2019)
338.		Overload protection	Cl.17 of IS 302-2-203:1994 (R:2019)

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
339.	Safety of household and similar electrical appliances part 2 particular requirements section 203 electric call bells and buzzers for indoor use	Abnormal operation	Cl.19 of IS 302-2-203:1994 (R:2019)
340.		Stability and mechanical hazards	Cl.20 of IS 302-2-203:1994 (R:2019)
341.		Mechanical strength	Cl.21 of IS 302-2-203:1994 (R:2019)
342.		Construction	Cl.22 of IS 302-2-203:1994 (R:2019)
343.		Internal wiring	Cl.23 of IS 302-2-203:1994 (R:2019)
344.		Components	Cl.24 of IS 302-2-203:1994 (R:2019)
345.		Supply connection and external flexible cables and cords	Cl.25 of IS 302-2-203:1994 (R:2019)
346.		Terminals for external conductors	Cl.26 of IS 302-2-203:1994 (R:2019)
347.		Provision for earthing	Cl.27 of IS 302-2-203:1994 (R:2019)
348.		Screws and connections	Cl.28 of IS 302-2-203:1994 (R:2019)
349.		Creepage distances and clearances	Cl.29 of IS 302-2-203:1994 (R:2019)
350.		Resistance to heat, fire and tracking	Cl.30 of IS 302-2-203:1994 (R:2019)
351.		Resistance to rusting	Cl.31 of IS 302-2-203:1994 (R:2019)

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
352.	Single walled baking oven	Classification	Cl.6 of IS 302-2-208:1994
353.		Marking and instruction	Cl.7 of IS 302-2-208:1994
354.		Protection against access to live parts	Cl.8 of IS 302-2-208:1994
355.		Power input and current	Cl.10 of IS 302-2-208:1994
356.		Heating	Cl.11 of IS 302-2-208:1994
357.		Operating under overload condition of appliance with heating element	Cl.12 of IS 302-2-208:1994
358.		Electrical insulation and leakage current at operating temperature	Cl.13 of IS 302-2-208:1994
359.		Transient over voltages	Cl.14 of IS 302-2-208:1994
360.		Moisture resistance	Cl.15 of IS 302-2-208:1994
361.		Insulation resistance and Electric strength (after humidity treatment)	Cl.16 of IS 302-2-208:1994
362.		Overload protection of transformers and associated circuits	Cl.17 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		
363.	Single walled baking oven	Abnormal operation	Cl.19 of IS 302-2-208:1994
364.		Stability and mechanical hazards	Cl.20 of IS 302-2-208:1994
365.		Mechanical strength	Cl.21 of IS 302-2-208:1994
366.		Construction	Cl.22 of IS 302-2-208:1994
367.		Internal wiring	Cl.23 of IS 302-2-208:1994
368.		Components	Cl.24 of IS 302-2-208:1994
369.		Supply connection and external flexible cords	Cl.25 of IS 302-2-208:1994
370.		Terminals for external conductors	Cl.26 of IS 302-2-208:1994
371.		Provision for earthing	Cl.27 of IS 302-2-208:1994
372.		Screws and connections	Cl.28 of IS 302-2-208:1994
373.		Clearances, creepage distances and solid insulation	Cl.29 of IS 302-2-208:1994
374.		Resistance to heat and fire	Cl.30 of IS 302-2-208:1994
375.		Resistance to rusting	Cl.31 of IS 302-2-208:1994
376.		Earth continuity test	Cl.A-1 of Annex A 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		
377.	Single walled baking oven	Electric strength test	Cl.A-2 of Annex A of IS 302-2-208:1994
378.		Functional test	Cl.A-3 of Annex A of IS 302-2-208:1994
379.	Electrical shavers, hair clipper and similar appliances	Classification	Cl.6 of IS 302-2-8:1994
380.		Marking and instruction	Cl.7 of IS 302-2-8:1994
381.		Protection against access to live parts	Cl.8 of IS 302-2-8:1994
382.		Starting of motor operated appliances	Cl.9 of IS 302-2-8:1994
383.		Power input and current	Cl.10 of IS 302-2-8:1994
384.		Heating	Cl.11 of IS 302-2-8:1994
385.		Electrical insulation and leakage current at operating temperature	Cl.13 of IS 302-2-8:1994
386.		Transient over voltages	Cl.14 of IS 302-2-8:1994
387.		Moisture resistance	Cl.15 of IS 302-2-8:1994
388.		Insulation resistance and Electric strength (after Humidity treatment)	Cl.16 of IS 302-2-8:1994

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
389.	Electrical shavers, hair clipper and similar appliances	Overload protection of transformers and associated circuits	Cl.17 of IS 302-2-8:1994
390.		Abnormal operation	Cl.19 of IS 302-2-8:1994
391.		Stability and mechanical hazards	Cl.20 of IS 302-2-8:1994
392.		Mechanical strength	Cl.21 of IS 302-2-8:1994
393.		Construction	Cl.22 of IS 302-2-8:1994
394.		Internal wiring	Cl.23 of IS 302-2-8:1994
395.		Components	Cl.24 of IS 302-2-8:1994
396.		Supply connection and external flexible cords	Cl.25 of IS 302-2-8:1994
397.		Terminals for external conductors	Cl.26 of IS 302-2-8:1994
398.		Provision for earthing	Cl.27 of IS 302-2-8:1994
399.		Screws and connections	Cl.28 of IS 302-2-8:1994
400.		Clearances, creepage distances and solid insulation	Cl.29 of IS 302-2-8:1994
401.		Resistance to heat and fire	Cl.30 of IS 302-2-8:1994
402.		Resistance to rusting	Cl.31 of IS 302-2-8:1994

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
403.	Electrical shavers, hair clipper and similar appliances	Earth continuity test	Cl.A-1 of Annex A of IS 302-2-8:1994
404.		Electric strength test	Cl.A-2 of Annex A of IS 302-2-8:1994
405.		Functional test	Cl.A-3 of Annex A of IS 302-2-8:1994
406.	Household and similar electrical appliances — safety part 2 particular requirements Section 13 deep fat fryers, frying pans and similar appliances	General requirement	Cl.4 of IS 302 (Part 2/Sec 13): 2024/IEC 60335-2-13: 2021
407.		General conditions for the tests	Cl.5 of IS 302 (Part 2/Sec 13): 2024/IEC 60335-2-13: 2021
408.		Classification	Cl.6 of IS 302 (Part 2/Sec 13): 2024/IEC 60335-2-13: 2021
409.		Marking and instructions	Cl.7 of IS 302 (Part 2/Sec 13): 2024/IEC 60335-2-13: 2021
410.		Protection against access to live parts	Cl.8 of IS 302 (Part 2/Sec 13): 2024/IEC 60335-2-13: 2021
411.		Starting of motor operated appliances	Cl.9 of IS 302 (Part 2/Sec 13): 2024/IEC 60335-2-13: 2021
412.		Power input and current	Cl.10 of IS 302 (Part 2/Sec 13): 2024/IEC 60335-2-13: 2021
413.		Heating	Cl.11 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		
414.	Household and similar electrical appliances — safety part 2 particular requirements Section 13 deep fat fryers, frying pans and similar appliances	Charging of metal-ion batteries	Cl.12 of IS 302 (Part 2/Sec 13): 2024/IEC 60335-2-13: 2021
415.		Leakage current and electric strength at operating temperature	Cl.13 of IS 302 (Part 2/Sec 13): 2024/IEC 60335-2-13: 2021
416.		Transient over voltages	Cl.14 of IS 302 (Part 2/Sec 13): 2024/IEC 60335-2-13: 2021
417.		Moisture resistance	Cl.15 of IS 302 (Part 2/Sec 13): 2024/IEC 60335-2-13: 2021
418.		Leakage current and electric strength	Cl.16 of IS 302 (Part 2/Sec 13): 2024/IEC 60335-2-13: 2021
419.		Overload protection of transformers and associated circuits	Cl.17 of IS 302 (Part 2/Sec 13): 2024/IEC 60335-2-13: 2021
420.		Abnormal operation	Cl.19 of IS 302 (Part 2/Sec 13): 2024/IEC 60335-2-13: 2021
421.		Stability and mechanical hazards	Cl.20 of IS 302 (Part 2/Sec 13): 2024/IEC 60335-2-13: 2021
422.		Mechanical strength	Cl.21 of IS 302 (Part 2/Sec 13): 2024/IEC 60335-2-13: 2021
423.		Construction	Cl.22 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		
424.	Household and similar electrical appliances — safety part 2 particular requirements Section 13 deep fat fryers, frying pans and similar appliances	Internal wiring	Cl.23 of IS 302 (Part 2/Sec 13): 2024/IEC 60335-2-13: 2021
425.		Components	Cl.24 of IS 302 (Part 2/Sec 13): 2024/IEC 60335-2-13: 2021
426.		Supply connection and external flexible cords	Cl.25 of IS 302 (Part 2/Sec 13): 2024/IEC 60335-2-13: 2021
427.		Terminals for external conductors	Cl.26 of IS 302 (Part 2/Sec 13): 2024/IEC 60335-2-13: 2021
428.		Provision for earthing	Cl.27 of IS 302 (Part 2/Sec 13): 2024/IEC 60335-2-13: 2021
429.		Screws and connections	Cl.28 of IS 302 (Part 2/Sec 13): 2024/IEC 60335-2-13: 2021
430.		Clearances, creepage distances and solid insulation	Cl.29 of IS 302 (Part 2/Sec 13): 2024/IEC 60335-2-13: 2021
431.		Resistance to heat and fire	Cl.30 of IS 302 (Part 2/Sec 13): 2024/IEC 60335-2-13: 2021
432.		Resistance to rusting	Cl.31 of IS 302 (Part 2/Sec 13): 2024/IEC 60335-2-13: 2021
433.	Appliances for heating	Classification	Cl.6 of IS 302-2-15:2009
434.	liquids	Marking and instruction	Cl.7 of IS 302-2-15:2009

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
435.	Appliances for heating liquids	Protection against access to live parts	Cl.8 of IS 302-2-15:2009
436.		Power input and current	Cl.10 of IS 302-2-15:2009
437.		Heating	Cl.11 of IS 302-2-15:2009
438.		Electrical insulation and leakage current at operating temperature	Cl.13 of IS 302-2-15:2009
439.		Transient over voltages	Cl.14 of IS 302-2-15:2009
440.		Moisture resistance	Cl.15 of IS 302-2-15:2009
441.		Insulation resistance and Electric strength (after humidity treatment)	Cl.16 of IS 302-2-15:2009
442.		Overload protection of transformers and associated circuits	Cl.17 of IS 302-2-15:2009
443.		Abnormal operation	Cl.19 of IS 302-2-15:2009
444.		Stability and mechanical hazards	Cl.20 of IS 302-2-15:2009
445.		Mechanical strength	Cl.21 of IS 302-2-15:2009
446.		Construction	Cl.22 of IS 302-2-15:2009
447.		Internal wiring	Cl.23 of IS 302-2-15:2009

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
448.	Appliances for heating liquids	Components	Cl.24 of IS 302-2-15:2009
449.		Supply connection and external flexible cords	Cl.25 of IS 302-2-15:2009
450.		Terminals for external conductors	Cl.26 of IS 302-2-15:2009
451.		Provision for earthing	Cl.27 of IS 302-2-15:2009
452.		Screws and connections	Cl.28 of IS 302-2-15:2009
453.		Clearances, creepage distances and solid insulation	Cl.29 of IS 302-2-15:2009
454.		Resistance to heat and fire	Cl.30 of IS 302-2-15:2009
455.		Resistance to rusting	Cl.31 of IS 302-2-15:2009
456.		Earth continuity test	Cl.A-1 of Annex A of IS 302-2-15:2009
457.		Electric strength test	Cl.A-2 of Annex A of IS 302-2-15:2009
458.		Functional test	Cl.A-3 of Annex A of IS 302-2-15:2009
459.	Vacuum cleaners and water suction cleaning appliances	Rating	Cl.5 of IS 302-2-2:1997
460.		Classification	Cl.6 of IS 302-2-2:1997
461.		Marking	Cl.7 of IS 302-2-2:1997

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	Domestic Electrical Appliances		
462.	Vacuum cleaners and water suction cleaning appliances	Protection against access to live parts	Cl.8 of IS 302-2-2:1997
463.		Starting of motor operated appliances	Cl.9 of IS 302-2-2:1997
464.		Power input and current	Cl.10 of IS 302-2-2:1997
465.		Temperature rise	Cl.11 of IS 302-2-2:1997
466.		Leakage current and electric strength at operating temperature	Cl.13 of IS 302-2-2:1997
467.		Moisture resistance	Cl.15 of IS 302-2-2:1997
468.		Insulation resistance and electric strength (after humidity treatment)	Cl.16 of IS 302-2-2:1997
469.		Overload protection of transformers and associated circuits	Cl.17 of IS 302-2-2:1997
470.		Abnormal operation	Cl.19 of IS 302-2-2:1997
471.		Stability and mechanical hazards	Cl.20 of IS 302-2-2:1997
472.		Mechanical strength	Cl.21 of IS 302-2-2:1997
473.		Construction	Cl.22 of IS 302-2-2:1997
474.		Internal wiring	Cl.23 of IS 302-2-2:1997

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
475.	Vacuum cleaners and water suction cleaning appliances	Components	Cl.24 of IS 302-2-2:1997
476.		Supply connection and external flexible cords	Cl.25 of IS 302-2-2:1997
477.		Terminals for external conductors	Cl.26 of IS 302-2-2:1997
478.		Provision for earthing	Cl.27 of IS 302-2-2:1997
479.		Screws and connections	Cl.28 of IS 302-2-2:1997
480.		Clearances, creepage distances and solid insulation	Cl.29 of IS 302-2-2:1997
481.		Resistance to heat, Fire and tracking	Cl.30 of IS 302-2-2:1997
482.		Resistance to rusting	Cl.31 of IS 302-2-2:1997
483.	Tumbler dryers	Rating	Cl.5 of IS 302-2-11:1994
484.		Classification	Cl.6 of IS 302-2-11:1994
485.		Marking	Cl.7 of IS 302-2-11:1994
486.		Protection against electric shock	Cl.8 of IS 302-2-11:1994
487.		Starting of motor operated appliances	Cl.9 of IS 302-2-11:1994
488.		Input and current	Cl.10 of IS 302-2-11:1994
489.		Heating	Cl.11 of IS 302-2-11:1994

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Electrical Testing			
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	Domestic Electrical Appliances		
490.	Tumbler dryers	Leakage current and electric strength at operating temperature	Cl.13 of IS 302-2-11:1994
491.		Radio and television interference suppression	Cl.14 of IS 302-2-11:1994
492.		Moisture resistance	Cl.15 of IS 302-2-11:1994
493.		Insulation resistance and electric strength (after humidity treatment)	Cl.16 of IS 302-2-11:1994
494.		Overload protection of transformers and associated circuits	Cl.17 of IS 302-2-11:1994
495.		Abnormal operation	Cl.19 of IS 302-2-11:1994
496.		Stability and mechanical hazards	Cl.20 of IS 302-2-11:1994
497.		Mechanical strength	Cl.21 of IS 302-2-11:1994
498.		Construction	Cl.22 of IS 302-2-11:1994
499.		Internal wiring	Cl.23 of IS 302-2-11:1994
500.		Components	Cl.24 of IS 302-2-11:1994
501.		Supply connection and external flexible cords	Cl.25 of IS 302-2-11:1994
502.		Terminals for external conductors	Cl.26 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		
503.	Tumbler dryers	Provision for earthing	Cl.27 of IS 302-2-11:1994
504.		Screws and connections	Cl.28 of IS 302-2-11:1994
505.		Clearances, creepage distances and solid insulation	Cl.29 of IS 302-2-11:1994
506.		Resistance to heat, fire and tracking	Cl.30 of IS 302-2-11:1994
507.		Resistance to rusting	Cl.31 of IS 302-2-11:1994
508.	Massage appliances	Rating	Cl.5 of IS 302-2-32:1994
509.		Classification	Cl.6 of IS 302-2-32:1994
510.		Marking	Cl.7 of IS 302-2-32:1994
511.		Protection against electric shock	Cl.8 of IS 302-2-32:1994
512.		Starting of motor operated appliances	Cl.9 of IS 302-2-32:1994
513.		Input and current	Cl.10 of IS 302-2-32:1994
514.		Temperature rise	Cl.11 of IS 302-2-32:1994
515.		Operation under overload conditions	Cl.12 of IS 302-2-32:1994
516.		Electrical insulation at operating temperature	Cl.13 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		
517.	Massage appliances	Radio and television interference suppression	Cl.14 of IS 302-2-32:1994
518.		Moisture resistance	Cl.15 of IS 302-2-32:1994
519.		Insulation resistance and electric strength (after humidity treatment)	Cl.16 of IS 302-2-32:1994
520.		Overload protection	Cl.17 of IS 302-2-32:1994
521.		Abnormal operation	Cl.19 of IS 302-2-32:1994
522.		Stability and mechanical hazards	Cl.20 of IS 302-2-32:1994
523.		Mechanical strength	Cl.21 of IS 302-2-32:1994
524.		Construction	Cl.22 of IS 302-2-32:1994
525.		Internal wiring	Cl.23 of IS 302-2-32:1994
526.		Components	Cl.24 of IS 302-2-32:1994
527.		Supply connection and external flexible cable and cords	Cl.25 of IS 302-2-32:1994
528.		Terminals for external conductors	Cl.26 of IS 302-2-32:1994
529.		Provision for earthing	Cl.27 of IS 302-2-32:1994
530.		Screws and connections	Cl.28 of IS 302-2-32:1994
531.		Clearances, creepage distances and solid insulation	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		
532.		Resistance to heat, fire and tracking	Cl.30 of IS 302-2-32:1994
533.		Resistance to rusting	Cl.31 of IS 302-2-32:1994
534.	Electric heating tools	Rating	Cl.5 of IS 302-2-45:1994
535.		Classification	Cl.6 of IS 302-2-45:1994
536.		Marking	Cl.7 of IS 302-2-45:1994
537.		Protection against electric shock	Cl.8 of IS 302-2-45:1994
538.		Starting of motor operated appliances	Cl.9 of IS 302-2-45:1994
539.		Input and current	Cl.10 of IS 302-2-45:1994
540.		Temperature rise	Cl.11 of IS 302-2-45:1994
541.		Operation under overload conditions	Cl.12 of IS 302-2-45:1994
542.		Electrical insulation at operating temperature	Cl.13 of IS 302-2-45:1994
543.		Radio and television interference suppression	Cl.14 of IS 302-2-45:1994
544.		Moisture resistance	Cl.15 of IS 302-2-45:1994
545.		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		
546.	Electric heating tools	Overload protection	Cl.17 of IS 302-2-45:1994
547.		Abnormal operation	Cl.19 of IS 302-2-45:1994
548.		Stability and mechanical hazards	Cl.20 of IS 302-2-45:1994
549.		Mechanical strength	Cl.21 of IS 302-2-45:1994
550.		Construction	Cl.22 of IS 302-2-45:1994
551.		Internal wiring	Cl.23 of IS 302-2-45:1994
552.		Components	Cl.24 of IS 302-2-45:1994
553.		Supply connection and external flexible cable and cords	Cl.25 of IS 302-2-45:1994
554.		Terminals for external conductors	Cl.26 of IS 302-2-45:1994
555.		Provision for earthing	Cl.27 of IS 302-2-45:1994
556.		Screws and connections	Cl.28 of IS 302-2-45:1994
557.		Clearances, creepage distances and solid insulation	Cl.29 of IS 302-2-45:1994
558.		Resistance to heat, fire and tracking	Cl.30 of IS 302-2-45:1994
559.		Resistance to rusting	Cl.31 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		
560.	Electric water boilers	Rating	Cl.5 of IS 302-2-204:1994
561.		Classification	Cl.6 of IS 302-2-204:1994
562.		Marking	Cl.7 of IS 302-2-204:1994
563.		Protection against electric shock	Cl.8 of IS 302-2-204:1994
564.		Starting of motor operated appliances	Cl.9 of IS 302-2-204:1994
565.		Input and current	Cl.10 of IS 302-2-204: 1994
566.		Temperature rise	Cl.11 of IS 302-2-204: 1994
567.		Operation under overload conditions appliances with heating elements	Cl.12 of IS 302-2-204: 1994
568.		Electrical insulation and leakage current at operating temperature	Cl.13 of IS 302-2-204: 1994
569.		Radio and television interference suppression	Cl.14 of IS 302-2-204: 1994
570.		Moisture resistance	Cl.15 of IS 302-2-204: 1994
571.		Insulation resistance and electric strength	Cl.16 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		
572.	Electric water boilers	Overload protection	Cl.17 of IS 302-2-204: 1994
573.		Abnormal operation	Cl.19 of IS 302-2-204: 1994
574.		Stability and mechanical hazards	Cl.20 of IS 302-2-204: 1994
575.		Mechanical strength	Cl.21 of IS 302-2-204: 1994
576.		Construction	Cl.22 of IS 302-2-204: 1994
577.		Internal wiring components	Cl.23 of IS 302-2-204: 1994
578.		Supply connection and external flexible cable and cords	Cl.25 of IS 302-2-204: 1994
579.		Terminals for external conductors	Cl.26 of IS 302-2-204: 1994
580.		Provision for earthing	Cl.27 of IS 302-2-204: 1994
581.		Screws and connections	Cl.28 of IS 302-2-204: 1994
582.		Clearances, creepage distances	Cl.29 of IS 302-2-204: 1994
583.		Resistance to heat, Fire and tracking	Cl.30 of IS 302-2-204: 1994
584.		Resistance to rusting	Cl.31 of IS 302-2-204: 1994

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
1.	Household and Similar Electrical Appliances-Safety-part-2-89: Particular requirements for commercial refrigerating appliances and ice makers with an incorporated or remote refrigerant or motor compressor	Classification	Cl.6 of IEC 60335-2-89:2019
2.		Marking / marking & instructions	Cl.7 of IEC 60335-2-89:2019
3.		Protection against access to live parts	Cl.8 of IEC 60335-2-89:2019
4.		Starting of motor operated appliances	Cl.9 of IEC 60335-2-89:2019
5.		Power input and current	Cl.10 of IEC 60335-2-89:2019
6.		Heating	Cl.11 of IEC 60335-2-89:2019
7.		Leakage current and electric strength at operating temperature	Cl.13 of IEC 60335-2-89:2019
8.		Transient over voltages	Cl.14 of IEC 60335-2-89:2019
9.		Moisture resistance	Cl.15 of IEC 60335-2-89:2019
10.		Leakage current and electric strength	Cl.16 of IEC 60335-2-89:2019
11.		Overload protection of transformers and associated circuits	Cl.17 of IEC 60335-2-89:2019
12.		Abnormal operation	Cl.19 of IEC 60335-2-89:2019
13.		Stability and mechanical hazards	Cl.20 of IEC 60335-2-89:2019
14.		Mechanical strength	Cl.21 of IEC 60335-2-89:2019

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
15.		Construction	Cl.22 of IEC 60335-2-89:2019
16.		Internal wiring	Cl.23 of IEC 60335-2-89:2019
17.		Components	Cl.24 of IEC 60335-2-89:2019
18.		Supply connection and external flexible cords	Cl.25 of IEC 60335-2-89:2019
19.	Household and Similar Electrical Appliances-Safety-Part-2-89: Particular requirements for commercial refrigerating appliances and ice makers with an incorporated or remote refrigerant or motor compressor	Terminals for external conductors	Cl.26 of IEC 60335-2-89:2019
20.		Provision for earthing	Cl.27 of IEC 60335-2-89:2019
21.		Screws and connections	Cl.28 of IEC 60335-2-89:2019
22.		Clearances, creepage distances and solid insulation	Cl.29 of IEC 60335-2-89:2019
23.		Resistance to heat and fire	Cl.30 of IEC 60335-2-89:2019
24.		Resistance to rusting	Cl.31 of IEC 60335-2-89:2019
25.		Radiation, toxicity and similar hazards	Cl.32 of IEC 60335-2-89:2019
26.		General requirement	Cl.4 of IS 302 (Part 1): 2024/IEC 60335-1:2020
27.	Household and Similar Electrical Appliances — Safety Part 1 General Requirements	General conditions for the tests	Cl.5 of IS 302 (Part 1): 2024/IEC 60335-1:2020
28.		Classification	Cl.6 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
	Safety Testing Facility		
29.		Marking and instructions	Cl.7 of IS 302 (Part 1): 2024/IEC 60335-1:2020
30.	Household and Similar Electrical Appliances — Safety Part 1 General Requirements	Protection against access to live parts	Cl.8 of IS 302 (Part 1): 2024/IEC 60335-1:2020
31.		Starting of motor operated appliances	Cl.9 of IS 302 (Part 1): 2024/IEC 60335-1:2020
32.		Power input and current	Cl.10 of IS 302 (Part 1): 2024/IEC 60335-1:2020
33.		Heating	Cl.11 of IS 302 (Part 1): 2024/IEC 60335-1:2020
34.		Charging of metal-ion batteries	Cl.12 of IS 302 (Part 1): 2024/IEC 60335-1:2020
35.		Leakage current and electric strength at operating temperature	Cl.13 of IS 302 (Part 1): 2024/IEC 60335-1:2020
36.		Transient over voltages	Cl.14 of IS 302 (Part 1): 2024/IEC 60335-1:2020
37.		Moisture resistance	Cl.15 of IS 302 (Part 1): 2024/IEC 60335-1:2020
38.		Leakage current and electric strength	Cl.16 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
	Safety Testing Facility		
39.		Overload protection of transformers and associated circuits	Cl.17 of IS 302 (Part 1): 2024/IEC 60335-1:2020
40.	Household and Similar Electrical Appliances — Safety Part 1 General Requirements	Endurance	Cl.18 of IS 302 (Part 1): 2024/IEC 60335-1:2020
41.		Abnormal operation	Cl.19 of IS 302 (Part 1): 2024/IEC 60335-1:2020
42.		Stability and mechanical hazards	Cl.20 of IS 302 (Part 1): 2024/IEC 60335-1:2020
43.		Mechanical strength	Cl.21 of IS 302 (Part 1): 2024/IEC 60335-1:2020
44.		Construction	Cl.22 of IS 302 (Part 1): 2024/IEC 60335-1:2020
45.		Internal wiring	Cl.23 of IS 302 (Part 1): 2024/IEC 60335-1:2020
46.		Components	Cl.24 of IS 302 (Part 1): 2024/IEC 60335-1:2020
47.		Supply connection and external flexible cords	Cl.25 of IS 302 (Part 1): 2024/IEC 60335-1:2020
48.		Terminals for external conductors	Cl.26 of IS 302 (Part 1): 2024/IEC 60335-1:2020
49.		Provision for earthing	Cl.27 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
	Safety Testing Facility		
50.		Screws and connections	Cl.28 of IS 302 (Part 1): 2024/IEC 60335-1:2020
51.	Household and Similar Electrical Appliances — Safety Part 1 General Requirements	Clearances, creepage distances and solid insulation	Cl.29 of IS 302 (Part 1): 2024/IEC 60335-1:2020
52.		Resistance to heat and fire	Cl.30 of IS 302 (Part 1): 2024/IEC 60335-1:2020
53.		Resistance to rusting	Cl.31 of IS 302 (Part 1): 2024/IEC 60335-1:2020
54.		Radiation, toxicity and similar hazards	Cl.32 of IS 302 (Part 1): 2024/IEC 60335-1:2020
55.		Earth continuity test	Cl.A.2 of Annex A of IS 302 (Part 1): 2024/IEC 60335-1:2020
56.		Electric strength test	Cl.A.3 of Annex A of IS 302 (Part 1): 2024/IEC 60335-1:2020
57.		Functional test	Cl.A.4 of Annex A of IS 302 (Part 1): 2024/IEC 60335-1:2020
58.	Safety of Household and Similar Electrical Appliances Part 2 Particular Requirements Section 4 Spin Extractors	Rating	Cl.5 of IS 302-2-4:1993 (R:2019)
59.		Classification	Cl.6 of IS 302-2-4:1993 (R:2019)
60.		Marking	Cl.7 of IS 302-2-4:1993 (R:2019)
61.		Protection Against Electric Shock	Cl.8 of IS 302-2-4:1993 (R:2019)

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
62.	Safety of household and similar electrical appliances part 2 particular requirements Section 4 spin extractors	Starting of Motor Operated Appliances	Cl.9 of IS 302-2-4:1993 (R:2019)
63.		Input And Current	Cl.10 of IS 302-2-4:1993 (R:2019)
64.		Heating	Cl.11 of IS 302-2-4:1993 (R:2019)
65.		Electric insulation and leakage current at operating temperature	Cl.13 of IS 302-2-4:1993 (R:2019)
66.		Radio and television interference suppression	Cl.14 of IS 302-2-4:1993 (R:2019)
67.		Moisture resistance	Cl.15 of IS 302-2-4:1993 (R:2019)
68.		Insulation resistance and electric strength (after humidity treatment)	Cl.16 of IS 302-2-4:1993 (R:2019)
69.		Overload protection	Cl.17 of IS 302-2-4:1993 (R:2019)
70.		Abnormal operation	Cl.19 of IS 302-2-4:1993 (R:2019)
71.		Stability and mechanical hazards	Cl.20 of IS 302-2-4:1993 (R:2019)
72.		Mechanical strength	Cl.21 of IS 302-2-4:1993 (R:2019)
73.		Construction	Cl.22 of IS 302-2-4:1993 (R:2019)
74.		Internal wiring	Cl.23 of IS 302-2-4:1993 (R:2019)
75.		Components	Cl.24 of IS 302-2-4:1993 (R:2019)

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
76.	Safety of Household and Similar Electrical Appliances Part 2 Particular Requirements Section 4 Spin Extractors	Supply connection and external flexible cables and cords	Cl.25 of IS 302-2-4:1993 (R:2019)
77.		Terminals for external conductors	Cl.26 of IS 302-2-4:1993 (R:2019)
78.		Provision For Earthing	Cl.27 of IS 302-2-4:1993 (R:2019)
79.		Screws And Connections	Cl.28 of IS 302-2-4:1993 (R:2019)
80.		Creepage distances, clearances, and distances through insulation	Cl.29 of IS 302-2-4:1993 (R:2019)
81.		Resistance to heat, fire and tracking	Cl.30 of IS 302-2-4:1993 (R:2019)
82.		Resistance to rusting	Cl.31 of IS 302-2-4:1993 (R:2019)
83.		Radiation hazards	Cl.32 of IS 302-2-4:1993 (R:2019)
84.		Verification of marking and instructions	IS 15644: 2006 (RA: 2016)/ IEC 62115: 2003 +A1: 2004+A2: 2010, Cl.7
85.		Power input	IS 15644: 2006 (RA: 2016)/ IEC 62115: 2003 +A1: 2004+A2: 2010, Cl.8
86.	Toys and Similar Products	Heating and abnormal operation	IS 15644: 2006 (RA: 2016)/ IEC 62115: 2003 +A1: 2004+A2: 2010, Cl.9

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
87.		Electric strength at operating temperature	IS 15644: 2006 (RA: 2016)/ IEC 62115: 2003 +A1: 2004+A2: 2010, Cl.10
88.		Moisture resistance	IS 15644: 2006 (RA: 2016)/ IEC 62115: 2003 +A1: 2004+A2: 2010, Cl.11
89.		Electric strength at room temperature	IS 15644: 2006 (RA: 2016)/ IEC 62115: 2003 +A1: 2004+A2: 2010, Cl.12
90.		Mechanical strength	IS 15644: 2006 (RA: 2016)/ IEC 62115: 2003 +A1: 2004+A2: 2010, Cl.13
91.		Construction (Testing condition 0.1 to 300V, to 10A, Force: 0.1 to 100N)	IS 15644: 2006 (RA: 2016)/ IEC 62115: 2003 +A1: 2004+A2: 2010, Cl.14
92.		Protection of cords and wires	IS 15644: 2006 (RA: 2016)/ IEC 62115: 2003 +A1: 2004+A2: 2010, Cl.15
93.		Components	IS 15644: 2006 (RA: 2016)/ IEC 62115: 2003 +A1: 2004+A2: 2010, Cl.16

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
94.		Screws and connection (Testing Condition: 0-6Nm, up to 1000mm)	IS 15644: 2006 (RA: 2016)/ IEC 62115: 2003 +A1: 2004+A2: 2010, Cl.17
95.		Clearances and creepage distances	IS 15644: 2006 (RA: 2016)/ IEC 62115: 2003 +A1: 2004+A2: 2010, Cl.18
96.		Resistance to heat and fire (Glow wire up to 1000°C)	IS 15644: 2006 (RA: 2016)/ IEC 62115: 2003 +A1: 2004+A2: 2010, Cl.19
97.		Radiation, toxicity and similar hazards	IS 15644: 2006 (RA: 2016)/ IEC 62115: 2003 +A1: 2004+A2: 2010, Cl.20

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Energy Efficiency of Domestic Electrical Appliances		
1.	Electric ceiling type fans — Specification	General requirements	Cl.4 of IS 374: 2019
2.		Rating	Cl.6 of IS 374: 2019
3.		Classification	Cl.7 of IS 374: 2019
4.		Marking	Cl.8 of IS 374: 2019
5.		Safety requirements	Cl.9 of IS 374: 2019 & BEE Schedule
6.		Speed regulators	Cl.10 of IS 374:2019 & BEE Schedule
7.		Starting	Cl.11 of IS 374:2019 & BEE Schedule
8.		Interchangeability	Cl.12 of IS 374:2019 & BEE Schedule
9.		Silent operation	Cl.13 of IS 374:2019 & BEE Schedule
10.		Air performance test	Cl.14.3 of IS 374:2019 & BEE Schedule
11.		Measurement of speed of the fan	Cl.14.4 of IS 374:2019 & BEE Schedule
12.		Measurement of power factor & power input	Cl.14.5 of IS 374:2019 & BEE Schedule

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Energy Efficiency of Domestic Electrical Appliances		
13.		Performance requirements	Cl.15 of IS 374:2019 & BEE Schedule
14.		Endurance test	Cl.16 of IS 374:2019 & BEE Schedule
15.		Test for harmonic distortion	Cl.17 of IS 374:2019 & BEE Schedule
16.	Electric table type fans and regulators	Sizes, speed and types	Cl.3 of IS 555:1979
17.		Rated voltage	Cl.4 of IS 555:1979
18.		Rated frequency	Cl.5 of IS 555:1979
19.		Design and general construction	Cl.6 of IS 555:1979
20.		General and safety requirements	Cl.7 of IS 555:1979
21.		Protection against electric shock	Cl.7.1 and Cl.10.11 of IS 555:1979 & BEE Schedule
22.		Insulation resistance	Cl.7.2.1.1 and Cl.10.7 of IS 555:1979 & BEE Schedule
23.		Leakage current	Cl.7.2.1.2 and Cl.10.5 of IS 555:1979 & BEE Schedule
24.		High voltage test	Cl.7.2.1.3 and Cl.10.6 of IS 555:1979 & BEE Schedule

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Energy Efficiency of Domestic Electrical Appliances		
25.		Temperature rise	Cl.7.3 and Cl.10.4 of IS 555:1979 & BEE Schedule
26.		Mechanical endurance	Cl.7.4 and Cl.10.13 of IS 555 :1979
27.		Creepage distances and clearances	Cl.7.5 and Cl.10.16 of IS 555:1979 & BEE Schedule
28.		Finish	Cl.7.6 of IS 555:1979
29.		Insulating materials	Cl.7.7 of IS 555:1979
30.		Speed regulators	Cl.7.8 of IS 555:1979
31.		Interchangeability	Cl.7.9 of IS 555:1979
32.		Silent operation	Cl.7.10 of IS 555:1979
33.		Oscillating mechanism	Cl.7.11 and Cl.10.15 of IS 555:1979
34.		Performance requirement	Cl.8 of IS 555:1979
35.	Electric table type fans and regulators	Marking	Cl.9 of IS 555:1979
36.		Air delivery test	Cl.10.3 of IS 555:1979 & BEE Schedule
37.		Starting	Cl.10.8 of IS 555:1979

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Energy Efficiency of Domestic Electrical Appliances		
38.		Fan speed and input	Cl.10.9 of IS 555:1979 & BEE Schedule
39.		Earthing connection	Cl.10.10 of IS 555:1979 & BEE Schedule
40.		Moisture resistance	Cl.10.12 of IS 555:1979 & BEE Schedule
41.		Cord grip test	Cl.10.14 of IS 555:1979 & BEE Schedule
42.	Electric pedestal type fans and regulators	Sizes, speed and types	Cl.3 of IS 1169:1967
43.		Rated voltage	Cl.4 of IS 1169:1967
44.		Rated frequency	Cl.5 of IS 1169:1967
45.		Design and general construction	Cl.6 of IS 1169:1967
46.		Finish	Cl.7 of IS 1169:1967
47.		Height of the fan	Cl.8 of IS 1169:1967
48.		Insulating material	Cl.9 of IS 1169:1967
49.		Speed regulators	Cl.10 of IS 1169:1967
50.		Starting	Cl.11 of IS 1169:1967

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Energy Efficiency of Domestic Electrical Appliances		
51.	Electric pedestal type fans and regulators	Interchangeability	Cl.12 of IS 1169:1967
52.		Silent operation	Cl.13 of IS 1169:1967
53.		Oscillating mechanism	Cl.14 of IS 1169:1967
54.		Marking	Cl.15 of IS 1169:1967
55.		Air delivery test	Cl.16.2 of IS 1169:1967 & BEE Schedule
56.		Temperature rise of fan motor and regulator	Cl.16.3 of IS 1169:1967 & BEE Schedule
57.		Moisture proofness test (for regulators only)	Cl.16.4 of IS 1169:1967
58.		Cord grip test	Cl.16.5 of IS 1169:1967 & BEE Schedule
59.		Mechanical endurance test (for regulators only)	Cl.16.6 of IS 1169:1967
60.		Power factor test	Cl.16.7 of IS 1169:1967 & BEE Schedule
61.		Ac leakage test	Cl.16.8 of IS 1169:1967 & BEE Schedule
62.		High voltage test	Cl.16.9 of IS 1169:1967 & BEE Schedule

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Energy Efficiency of Domestic Electrical Appliances		
63.		Earthing continuity test	Cl.16.10 of IS 1169:1967 & BEE Schedule
64.		Electrical input test	Cl.16.11 of IS 1169:1967 & BEE Schedule
65.		Measurement of fan speed	Cl.16.12 of IS 1169:1967 & BEE Schedule
66.		Flash test	Cl.16.13 of IS 1169:1967
67.		Insulation resistance	Cl.16.14 of IS 1169:1967 & BEE Schedule
68.		Performance requirement	Cl.17 of IS 1169:1967
69.	Electric pedestal type fans and regulators	Tolerance on ratings	Cl.18 of IS 1169:1967
70.	Tumble dryers for household use – method for measuring the performance	Requirements	Cl.4 of IEC 61121:2012
71.		Test conditions, materials, equipment, and instrumentation	Cl.5 of IEC 61121:2012
72.		Preparation for testing	Cl.6 of IEC 61121:2012
73.		Performance measurement	Cl.7 of IEC 61121:2012
74.		Tests for performance	Cl.8 of IEC 61121:2012
75.		Assessment of performance	Cl.9 of IEC 61121:2012

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Energy Efficiency of Domestic Electrical Appliances		
76.		Final moisture content of the load	Cl.9.2 of IEC 61121:2012
77.		Corrected electrical energy consumption	Cl.9.3 of IEC 61121:2012
78.		Corrected water consumption	Cl.9.4 of IEC 61121:2012
79.		Corrected programme time	Cl.9.5 of IEC 61121:2012
80.		Condensation efficiency	Cl.9.6 of IEC 61121:2012
81.		Evenness of drying	Cl.9.7 of IEC 61121:2012
82.		Measurement of exhaust air volume	Annex H of IEC 61121:2012
83.	Drinking water coolers - specification	Classification	Cl.4 of IS 1475:2024
84.		Construction	Cl.5 of IS 1475:2024
85.		Cooling capacity tests	Cl.6 of IS 1475:2024
86.		Published ratings	Cl.7 of IS 1475:2024
87.		Tolerances	Cl.8 of IS 1475:2024
88.		Maximum power consumption test	Cl.9 of IS 1475:2024
89.		Annual energy consumption test	Cl.10 of IS 1475:2024

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Energy Efficiency of Domestic Electrical Appliances		
90.		Storage capacity test	Cl.11 of IS 1475:2024
91.		Instruments	Cl.12 of IS 1475:2024
92.		Functional test	Cl.13 of IS 1475:2024
93.		Safety requirements (protection against access to live parts)	Cl.14 of IS 1475:2024 & Cl.8 of IS 302-1:2008
94.		Safety requirements (leakage current and electric strength at operating temperature)	Cl.14 of IS 1475:2024 & Cl.13 of IS 302-1:2008
95.		Safety requirements (provision for earthing)	Cl.14 of IS 1475:2024 & Cl.27.5 of IS 302-1:2008
96.		Marking and information	Cl.15 of IS 1475:2024
97.	Commercial beverage coolers - classification, requirements and test conditions	Classification and requirements	Cl.5 of IS 2167:2024/ ISO 22044:2021
98.		Classification according to temperature	Cl.5.1 of IS 2167 :2024/ ISO 22044:2021
99.		Construction	Cl.5.2 of IS 2167:2024/ ISO 22044:2021
100.		Tests outside test room	Cl.6.2 of IS 2167:2024/ ISO 22044:2021

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Energy Efficiency of Domestic Electrical Appliances		
101.		Seal test for door and lids	Cl.6.2.2 of IS 2167:2024/ ISO 22044:2021
102.		Test on durability of door and lid	Cl.6.2.3 of IS 2167:2024/ ISO 22044:2021
103.		Linear dimensions, areas and volumes	Cl.6.2.4 of IS 2167:2024/ ISO 22044:2021
104.		Test inside test room	Cl.6.3 of IS 2167:2024/ ISO 22044:2021
105.		Test room condition	Cl.6.3.2 of IS 2167:2024/ ISO 22044:2021
106.		M-can	Cl.6.3.3 of IS 2167:2024/ ISO 22044:2021
107.		Preparation of test commercial beverage cooler and general test procedures	Cl.6.3.4 of IS 2167:2024/ ISO 22044:2021
108.	Commercial beverage coolers - classification, requirements and test conditions	Loading the commercial beverage cooler	Cl.6.3.5 of IS 2167:2024/ ISO 22044:2021
109.		Running in period	Cl.6.3.6 of IS 2167:2024/ ISO 22044:2021
110.		Stable condition	Cl.6.3.7 of IS 2167:2024/ ISO 22044:2021

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Energy Efficiency of Domestic Electrical Appliances		
111.		Temperature test	Cl.6.3.11.2 of IS 2167:2024/ ISO 22044:2021
112.		Half load recovery test	Cl.6.3.11.3 of IS 2167:2024/ ISO 22044:2021
113.		Water vapour condensation test	Cl.6.3.12 of IS 2167:2024/ ISO 22044:2021
114.		Calculation of specific energy consumption (sec)	Cl.6.3.13 of IS 2167:2024/ ISO 22044:2021
115.		Lighting test	Cl.6.3.14 & Annex G of IS 2167:2024/ ISO 22044:2021
116.		Marking	Cl.7 of IS 2167:2024/ ISO 22044:2021
117.		Net volume calculation	Annex B of IS 2167:2024/ ISO 22044:2021 & BEE Schedule-37
118.		Equivalent volume calculation	Annex C of IS 2167:2024/ ISO 22044:2021 & BEE Schedule-37
119.	Commercial beverage coolers - classification, requirements and test conditions	TDA calculation	Annex D of IS 2167 :2024/ ISO 22044:2021 & BEE Schedule-37
120.		Tests for absence of odour and taste	Annex E of IS 2167 :2024/ ISO 22044:2021
121.		Sizes	Clause 3 of IS 2312:1967

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Energy Efficiency of Domestic Electrical Appliances		
122.	Propeller type ac ventilating fans	Rated voltage	Clause 4 of IS 2312:1967
123.		Rated frequency	Clause 5 of IS 2312:1967
124.		Design and general construction	Clause 6 of IS 2312:1967
125.		Finish	Clause 7 of IS 2312:1967
126.		Insulating material	Clause 8 of IS 2312: 1967
127.		Speed regulators	Clause 9 of IS 2312:1967
128.		Starting	Clause 10 of IS 2312:1967
129.		Interchangeability	Clause 11 of IS 2312:1967
130.		Silent operation	Clause 12 of IS 2312:1967
131.		Marking	Clause 13 of IS 2312:1967
132.		Air delivery test	Clause 14.2 of IS 2312:1967
133.		Temperature rise of fan motor and regulator	Clause 14.3 of IS 2312:1967
134.		Moisture proofness test (for regulator only)	Clause 14.4 of IS 2312:1967
135.		Mechanical endurance test (for regulator only)	Clause 14.5 of IS 2312:1967

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Energy Efficiency of Domestic Electrical Appliances		
136.	Propeller type ac ventilating fans	Power factor	Clause 14.6 of IS 2312:1967
137.		Ac leakage test	Clause 14.7 of IS 2312:1967
138.		High voltage test	Clause 14.8 of IS 2312:1967
139.		Insulation resistance test	Clause 14.9 of IS 2312:1967
140.		Earthing continuity test	Clause 14.10 of IS 2312:1967
141.		Electrical input test	Clause 14.11 of IS 2312:1967
142.		Measurement of fan speed	Clause 14.12 of IS 2312:1967
143.		Flash test	Clause 14.13 of IS 2312:1967
144.		Requirements performance	Clause 15 of IS 2312:1967
145.		Tolerances on ratings	Clause 16 of IS 2312:1967
146.	Direct evaporative air coolers	Classification	Cl.4 of IS 3315: 2024
147.		Construction	Cl.5 of IS 3315: 2024
148.		Rating requirement	Cl.6 of IS 3315: 2024
149.		Test conditions	Cl.7 of IS 3315: 2024
150.		Performance requirements	Cl.8 of IS 3315: 2024

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Energy Efficiency of Domestic Electrical Appliances		
151.	Direct evaporative air coolers	Sound test	Cl.8.2 of IS 3315:2024
152.		Air delivery (air flow test)	Cl.8.3 of IS 3315:2024
153.		Cooling efficiency test	Cl.8.4 of IS 3315:2024
154.		Power consumption	Cl.8.5 of IS 3315:2024
155.		EER calculation method	Cl.8.6 of IS 3315:2024
156.		Drop test	Cl.8.7 of IS 3315:2024
157.		Air cooler blower/fan reliability test	Cl.8.8 of IS 3315:2024
158.		Accuracy of instrument	Cl.9 of IS 3315:2024
159.		Calculation of air flow	Cl.11 & Annex B of IS 3315:2024
160.		Type tests	Cl.12.3 of IS 3315:2024
161.		Additional requirements for eco-mark	Cl.13 of IS 3315:2024
162.		Noise level	Cl.13.3 of IS 3315:2024
163.		Instructions	Cl.13.4 of IS 3315:2024
164.		Energy consumption	Cl.13.5 & Cl 8.5 of IS 3315:2024

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Energy Efficiency of Domestic Electrical Appliances		
165.	House-hold refrigerating appliances- Refrigerators	Packing	Cl.13.6 of IS 3315:2024
166.		Storage	Cl.14 of IS 3315:2024
167.		Marking and information	Cl.15 of IS 3315:2024
168.		Classification	Cl.4 of IS 17550-1:2021
169.		Marking	Cl.5 of IS 17550-1:2021
170.		Determination of linear dimensions	Cl.6.2 of IS 17550-1:2021 & BEE Schedule
171.		Instructions	Cl.7 of IS 17550-1:2021
172.		Materials, design and manufacture	Cl.8 of IS 17550-1:2021
173.		Testing the air tightness of door or lid seal(s) (door seal test)	Cl.9 of IS 17550-1:2021
174.		Testing the opening force of door(s) or lid(s)	Cl.10 of IS 17550-1:2021
175.		Testing the durability of hinges and handles of door(s) and lid(s) (mechanical durability test)	Cl.11 of IS 17550-1:2021
176.		Testing the mechanical strength of shelves and similar components	Cl.12 of IS 17550-1:2021

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Energy Efficiency of Domestic Electrical Appliances		
177.		Water-vapour condensation test	Cl.13 of IS 17550-1 & Annex D of IS 17550-2:2021
178.		Ice-making test (if applicable)	Cl.14 of IS 17550-1 & 17550-3:2021
179.		Test for absence of odour and taste	Cl.15 of IS 17550-1:2021
180.		Safety requirements (protection against access to live parts)	Cl.16 of IS 17550-1: 2021 & Cl.8 of IS 302-1:2008
181.		Safety requirements (power input and current)	Cl.16 of IS 17550-1: 2021 & Cl.10 of IS 302-1:2008
182.		Safety requirements (heating)	Cl.16 of IS 17550-1: 2021 & Cl.11 of IS 302-1:2008
183.	House-hold refrigerating appliances- Refrigerators	Safety requirements (leakage current and electric strength at operating temperature)	Cl.16 of IS 17550-1:2021 & Cl.13 of IS 302-1:2008
184.		Safety requirements (moisture resistance)	Cl.16 of IS 17550-1:2021 & Cl.15 of IS 302-1:2008
185.		Safety requirements (leakage current and electric strength (high voltage after humidity))	Cl.16 of IS 17550-1:2021 & Cl.16 of IS 302-1:2008

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Energy Efficiency of Domestic Electrical Appliances		
186.		Wine storage appliances,	Annex G of IS 17550-1:2021
187.		Storage test	Cl.6 of IS 17550-2:2021
188.		Cooling capacity test	Cl.7 of IS 17550-2:2021
189.		Freezing capacity test	Cl.8 of IS 17550-2:2021
190.		Automatic ice-making capacity test	Cl.9 of IS 17550-2:2021
191.		Pull- down test	Cl.4.6 (a) & Annex A of IS 17550-2:2021 & BEE Schedule
192.		Storage test of wine storage appliances and compartments;	Annex B of IS 17550-2:2021
193.		Temperature rise test	Annex C of IS 17550-2:2021
194.	House-hold refrigerating appliances- Refrigerators	Determination of volume	Cl.4.8 of IS 17550-3 & Annex H of IS 17550-3: 2021 & BEE Schedule
195.		Determination of energy consumption	Cl.6 of IS 17550-3 & Annex A of IS 17550-3: 2021 & BEE Schedule
196.		Determination of steady state power & temperature	Annex B of IS 17550-3:2021
197.		Defrost and recovery energy and temperature change	Annex C of IS 17550-3:2021

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Energy Efficiency of Domestic Electrical Appliances		
198.		Defrost interval	Annex D of IS 17550-3:2021
199.		Interpolation of results	Annex E of IS 17550-3:2021
200.		Energy consumption of specified auxiliaries	Annex F of IS 17550-3:2021
201.		Determination of load processing efficiency	Annex G of IS 17550-3:2021
202.		Determination of defrost and recovery energy without steady state	Annex L of IS 17550-3:2021
203.	Bottled water dispensers	Construction	Cl.4 of IS 17681:2022
204.		Refrigeration system	Cl.5 of IS 17681:2022
205.		Safety requirements	Cl.6 of IS 17681:2022
206.		Safety requirements (protection against electric shock)	Cl.6 of IS 17681:2022 & Cl.8 of IS 302-2-24:1994
207.		Safety requirements (input and current)	Cl.6 of IS 17681:2022 & Cl.10 of IS 302-2-24:1994
208.		Safety requirements (temperature rise)	Cl.6 of IS 17681:2022 & Cl.11 of IS 302-2-24:1994

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Energy Efficiency of Domestic Electrical Appliances		
209.		Safety requirements (electrical insulation and leakage current at operating temperature)	Cl.6 of IS 17681:2022 & Cl.13 of IS 302-2-24:1994
210.		Safety requirements (insulation resistance and electric strength after humidity)	Cl.6 of IS 17681:2022 & Cl.16 of IS 302-2-24:1994
211.		Provision for earthing	Cl.6 of IS 17681:2022 & Cl.27 of IS 302-2-24:1994
212.		Screws and connections	Cl.6 of IS 17681:2022 & Cl.28 of IS 302-2-24:1994
213.		Salt mist test	Cl.6.3 of IS 17681:2022
214.		Sound pressure level	Cl.7 of IS 17681:2022
215.		Cooling capacity test	Cl.10.1 of IS 17681:2022
216.		Cooling capacity test (table top, floor standing without refrigeration cabinet)	Cl.10.1.1 of IS 17681:2022
217.		Cooling capacity test (floor standing with refrigeration cabinet)	Cl.10.1.2 of IS 17681:2022

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Energy Efficiency of Domestic Electrical Appliances		
218.		Maximum operating condition test (environmental)	Cl.10.2 of IS 17681:2022
219.		Maximum operating condition test (voltage)	Cl.10.3 of IS 17681:2022
220.		Heating capacity test	Cl.10.4 of IS 17681:2022
221.		Annual energy consumption test	Cl.10.5 of IS 17681:2022
222.		Freeze-up test	Cl.10.6 of IS 17681:2022
223.		Door opening and closing test	Cl.10.7 of IS 17681:2022
224.		Door seal test	Cl.10.8 of IS 17681:2022
225.		Pull-down test	Cl.10.9 of IS 17681:2022
226.		Marking and instruction	Cl.11 of IS 17681:2022
227.	Non-electric cooling cabinet Made of clay	Size	Cl.4 of IS 17693:2022
228.		Construction	Cl.5 of IS 17693:2022
229.		Cooling performance evaluation	Cl.6 of IS 17693:2022
230.		Volume determination	Cl.7 of IS 17693:2022
231.		Cleaning	Cl.8 of IS 17693:2022

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Energy Efficiency of Domestic Electrical Appliances		
232.	Household electric cooking Appliances — performance requirements of electric hobs	Marking	Cl.9 of IS 17693:2022
233.		Packing	Cl.10 of IS 17693:2022
234.		Classification	Cl.4 of IS 19014:2022 & Cl.6 of IS 302-2-6:2009 (R:2014)
235.		Marking	Cl.5 of IS 19014:2022 & Cl.7 of IS 302-2-6:2009 (R:2014)
236.		Safety requirements	Cl.6 of IS 19014:2022 & IS 302-2-6:2009 (R:2014) & BEE Schedule 34
237.		Dimensions and mass	Cl.9 of IS 19014:2022
238.		Energy consumption and heating up time	Cl.10 of IS 19014:2022 & BEE Schedule 34
239.		Thermal efficiency	Cl.10.7 of IS 19014:2022 & BEE Schedule 34
240.		Ability to control the temperature of a load	Cl.11 of IS 19014:2022
241.		Heat distribution and heat supply	Cl.12 of IS 19014:2022
242.		Heat performance of cooking zones	Cl.13 of IS 19014:2022
243.		Smallest detected diameter for induction cooking zones	Cl.14 of IS 19014:2022

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Energy Efficiency of Domestic Electrical Appliances		
244.	Clothes washing machines for household use	Power measurement of low power modes	Cl.15 of IS 19014:2022 & BEE Schedule 34
245.		Spillage capacity of hobs	Cl.16 of IS 19014:2022
246.		Measurements to determine washing performance	Cl.8.3, Cl.9.2 of IEC 60456:2010, BEE Schedule 12 WM
247.		Measurements to determine water extraction performance	Cl.8.4, Cl.9.3 of IEC 60456:2010, BEE Schedule 12 WM
248.		Measurements to determine rinsing performance	Cl.8.5, Cl.9.4 of IEC 60456:2010, BEE Schedule 12 WM
249.		Measurements to determine water and energy consumption and programmed time	Cl.8.6, Cl.9.5, Cl.9.5.2, Cl.9.5.3, Cl.9.5.4 of IEC 60456:2010, BEE Schedule 12 WM
250.		Measurements to determine power consumption in off mode And left on mode	Cl.9.5.4, Annex L of IEC 60456:2010,
251.	Domestic electric clothes washing machine	Rating	Cl.6 of IS 14155:1994
252.		Classification	Cl.7 of IS 14155:1994
253.		Marking	Cl.8 of IS 14155:1994
254.		Safety requirements	Cl.9 of IS 14155:1994

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Energy Efficiency of Domestic Electrical Appliances		
255.		Determination of the washing performance standard measurement with a load of clean material and standardized soiling	Cl.11 of IS 14155:1994
256.		Determination of wear suffered By textile (determination of degree of mechanical wear suffered by linen, by measuring weight of fibres detached)	Cl.12 of IS 14155:1994
257.		Determination of water retention percentage	Cl.13 of IS 14155:1994
258.		Determination of water extracting efficiency	Cl.14 of IS 14155:1994
259.		Determination of water and energy consumption	Cl.15 of IS 14155:1994
260.		Determination of mechanical detergent loss in the sum of washing machines (wash liquor re-circulation method)	Cl.16 of IS 14155:1994
261.		Endurance	Cl.17 of IS 14155:1994
262.		Finish	Cl.18 of IS 14155:1994

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Wiring Accessories		
1.	Electronic type fan regulators	Rated voltages	Cl.4 of IS 11037:2019
2.		Rated frequency	Cl.5 of IS 11037:2019
3.		Design and general construction	Cl.6 of IS 11037:2019
4.		General and safety requirements	Cl.7 of IS 11037:2019
5.		Insulation resistance	Cl.7.1 of IS 11037:2019
6.		Leakage current	Cl.7.2 of IS 11037:2019
7.		Temperature rise	Cl.7.3 of IS 11037:2019
8.		Mechanical strength	Cl.7.4 of IS 11037:2019
9.		Creepage distances and clearances	Cl.7.5 of IS 11037:2019
10.		General and safety requirement	Cl.7.6 & 7.7 of IS 11037:2019
11.		Performance	Cl.8 of IS 11037:2019
12.		Marking	Cl.9 of IS 11037:2019
13.		Temperature rise	Cl.9.5.1 of IS 11037:2019
14.		Leakage current tests	Cl.9.5.2 of IS 11037:2019
15.		High voltage tests	Cl.9.5.3 of IS 11037:2019

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Wiring Accessories		
16.		Insulation resistance test	Cl.9.5.4 of IS 11037:2019
17.		Earthing connection	Cl.9.5.5 of IS 11037:2019
18.		Protection against electric shock	Cl.9.5.6 of IS 11037:2019
19.		Moisture resistance	Cl.9.5.7 of IS 11037:2019
20.		Mechanical strength	Cl.9.5.8 of IS 11037:2019
21.		Creepage distances and clearances	Cl.9.5.9 of IS 11037:2019
22.		Electrical endurance test	Cl.9.5.10 of IS 11037:2019
23.		Environmental test	Cl.9.5.11 of IS 11037:2019
24.		Cold test	Cl.9.5.11.2 of IS 11037:2019
25.		Dry heat test	Cl.9.5.11.3 of IS 11037:2019
26.		Vibration test	Cl.9.5.11.4 of IS 11037:2019
27.		Resistance to abnormal heat and to fire	Cl.9.5.12 of IS 11037:2019
28.		Resistance to rusting	Cl.9.5.13 of IS 11037:2019
29.		Checking of dimensions	Cl.9.5.14 of IS 11037:2019

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Energy Efficiency of Commercial /Industrial Appliances		
1.	Commercial Beverage Coolers - Classification, Requirements and Test Conditions	Classification and requirements	Cl.5 of ISO 22044:2021
2.		Classification according to temperature	Cl.5.1 of ISO 22044:2021
3.		Construction	Cl.5.2 of ISO 22044:2021
4.		Tests outside test room	Cl.6.2 of ISO 22044:2021
5.		Seal test for door and lids	Cl.6.2.2 of ISO 22044:2021
6.		Test on durability of door and lid	Cl.6.2.3 of ISO 22044:2021
7.		Linear dimensions, areas and volumes	Cl.6.2.4 of ISO 22044:2021
8.		Test Inside test room	Cl.6.3 of ISO 22044:2021
9.		Test Room condition	Cl. 6.3.2 of ISO 22044:2021
10.		M-can	Cl. 6.3.3 of ISO 22044:2021
11.		Preparation of test commercial beverage cooler and general test procedures	Cl. 6.3.4 of ISO 22044:2021
12.		Loading the commercial beverage cooler	Cl. 6.3.5 of ISO 22044:2021
13.		Running in period	Cl. 6.3.6 of ISO 22044:2021

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Energy Efficiency of Commercial /Industrial Appliances		
14.		Stable condition	Cl. 6.3.7 of ISO 22044:2021
15.		Temperature Test	Cl.6.3.11.2 of ISO 22044:2021
16.		Half load recovery test	Cl.6.3.11.3 of ISO 22044:2021
17.		Water Vapour condensation test	Cl.6.3.12 of ISO 22044:2021
18.		Calculation of Specific Energy Consumption (SEC)	Cl.6.3.13 of ISO 22044:2021
19.		Lighting Test	Cl.6.3.14 & Annex G of ISO 22044:2021
20.	Commercial Beverage Coolers - Classification, Requirements and Test Conditions	Marking	Cl.7 of ISO 22044:2021
21.		Net Volume Calculation	Annex B of ISO 22044:2021 & BEE Schedule-37
22.		Equivalent Volume Calculation	Annex C of ISO 22044:2021 & BEE Schedule-37
23.		TDA Calculation	Annex D of ISO 22044:2021 & BEE Schedule-37
24.		Tests For Absence of Odour and Taste	Annex E of ISO 22044:2021
25.	Commercial Refrigerating	Cabinet	Cl.3 of IS 1474:1959
26.		Inside Dimensions	Cl.3.1 of IS 1474:1959

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Energy Efficiency of Commercial /Industrial Appliances		
27.		Dimensions of the Evaporator Space	Cl.3.2 of IS 1474:1959
28.		Computation of Volume	Cl.3.3 of IS 1474:1959
29.		Gross Volume	Cl.3.3.1 of IS 1474:1959
30.		Volume of the Evaporator Space	Cl.3.4 of IS 1474:1959
31.		Volume of Fixed Shelves and Partitions	Cl.3.5 of IS 1474:1959
32.		Computation of Shelf Area	Cl.3.6 of IS 1474:1959
33.		Net Volume	Cl.3.7 of IS 1474:1959
34.		Construction	Cl.4 of IS 1474:1959
35.		Refrigeration System	Cl.5 of IS 1474:1959
36.		Pressure Test	Cl.7.5.1 of IS 1474:1959
37.		Component Tests	Cl.7.5.2 of IS 1474:1959
38.		Insulation Resistance Test (Assembly Test)	Cl.7.5.3 of IS 1474:1959
39.		Thermal Insulation Test	Cl.7.5.4 of IS 1474:1959
40.		Condensation Test	Cl.7.5.5 of IS 1474:1959

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Energy Efficiency of Commercial /Industrial Appliances		
41.		Rating Test	Cl.7.5.6 of IS 1474:1959
42.		Test For Adequate Rating of Compressor Motor	Cl.7.5.7 of IS 1474:1959
43.		Door Seal Test	Cl.7.5.8 of IS 1474:1959
44.		Manufacturer's Certificate	Cl.8 of IS 1474:1959
45.		Marking	Cl.9 of IS 1474:1959
46.	Deep Freezers	Construction	Cl.4 of IS 7872: 2020, A1
47.		Refrigeration System	Cl.5 of IS 7872: 2020, A1
48.		Safety Requirements	Cl.6 of IS 7872: 2020, A1 & BEE Schedule
49.		Sound Pressure Level	Cl.7 of IS 7872: 2020, A1
50.		Measurement of Freezer Storage Capacity	Cl.8 of IS 7872: 2020, A1 & BEE Schedule
51.		No-Load Pull-Down Test	Cl.11.1 of IS 7872:2020, A1 & BEE Schedule
52.		Energy Consumption Test	Cl.11.2 of IS 7872:2020, A1 & BEE Schedule
53.		Door Seal Test	Cl.11.4 of IS 7872:2020, A1 & BEE Schedule

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Energy Efficiency of Commercial /Industrial Appliances		
54.		Mechanical Strength of the Shelves & Similar Components	Cl.11.5 of IS 7872:2020, A1
55.		Thermal Insulation Test (External Condensation Test)	Cl.11.6 of IS 7872:2020, A1
56.		Pressure test	Cl.11.7 of IS 7872:2020, A1
57.		Marking and Instruction	Cl.13 of IS 7872:2020, A1
58.	Self-Contained Automatic Ice Makers	Construction	Cl.4 of IS 11328:2022
59.		Refrigerating System	Cl.5 of IS 11328:2022
60.		Capacity Test/Ice Making Test	Cl.7.6.2 of IS 11328:2022
61.		Water Consumption Test	Cl.7.6.3 of IS 11328:2022
62.		Energy Consumption Test	Cl.7.6.4 of IS 11328:2022
63.		Ice Quality Measurement by Method of Calorimetry	Cl.7.6.5 of IS 11328:2022
64.		Maximum Operating Conditions Test	Cl.7.6.6 of IS 11328:2022
65.		Marking	Cl.8 of IS 11328:2022
66.		Routine Test	Cl.7.4 of IS 11328:2022 & IS 302-1:2008

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Energy Efficiency of Commercial /Industrial Appliances		
67.		Leakage Current Test	Cl.7.4 (a) of IS 11328:2022 & Cl.13.2 of IS 302-1:2008
68.		Earth Continuity Test	Cl.7.4 (b) of IS 11328:2022 & Cl.A-1 of IS 302-1:2008
69.		Electric Strength Test	Cl.7.4 (c) of IS 11328:2022 & Cl.A-2 of IS 302-1:2008



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Electronics Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	IT Equipment		
1.	Audio/Video, Information and Communication Technology Equipment	General Requirements	IEC 62368-1 (ed 4:2023) (Clause 4.0)
2.		Energy Source Classifications	IEC 62368-1 (ed 4:2023) (Clause 4.2)
3.		Protection Against Energy Sources	IEC 62368-1 (ed 4:2023) (Clause 4.3)
4.		Safeguards	IEC 62368-1 (ed 4:2023) (Clause 4.4)
5.		Fixing of Conductors	IEC 62368-1 (ed 4:2023) (Clause 4.6)
6.		Equipment for direct insertion in to mains socket-outlets	IEC 62368-1 (ed 4:2023) (Clause 4.7)
7.		Equipment containing coin or button cell batteries	IEC 62368-1 (ed 4:2023) (Clause 4.8)
8.		Stress relief test	IEC 62368-1 (ed 4:2023) (clause 4.8.4.2)
9.		Battery replacement test	IEC 62368-1 (ed 4:2023) (clause 4.8.4.3)
10.		Drop test	IEC 62368-1 (ed 4:2023) (clause 4.8.4.4)
11.		Impact test	IEC 62368-1 (ed 4:2023) (clause 4.8.4.5)
12.		Crush test	IEC 62368-1 (ed 4:2023) (Clause 4.8.4.6)

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	IT Equipment		
13.	Audio/Video, Information and Communication Technology Equipment	Compliance criteria (Force test)	IEC 62368-1 (ed 4:2023) (Clause 4.8.5)
14.		Likelihood of fire or shock due to entry of conductive object	IEC 62368-1 (ed 4:2023) (Clause 4.9)
15.		Components Requirement	IEC 62368-1 (ed 4:2023) (Clause 4.10)
16.		Electrically caused injury	IEC 62368-1 (ed 4:2023) (Clause 5.0)
17.		Steady state voltage and current limits	IEC 62368-1 (ed 4:2023) (Clause 5.2.2.2)
18.		Protection against electrical energy sources	IEC 62368-1 (ed 4:2023) (Clause 5.3)
19.		Accessibility to electrical energy sources and safeguards	IEC 62368-1 (ed 4:2023) (Clause 5.3.2)
20.		Insulation material and requirements	IEC 62368-1 (ed 4:2023) (Clause 5.4)
21.		Maximum operating temperature (Temperature measurement)	IEC 62368-1 (ed 4:2023) (Clause 5.4.1.4)
22.		RMS working voltage / Peak working voltage (working voltage)	IEC 62368-1 (ed 4:2023) (Clause 5.4.1.8.3 / 5.4.1.8.2)
23.		Insulating surfaces	IEC 62368-1 (ed 4:2023) (Clause 5.4.1.9)

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	IT Equipment		
24.	Audio/Video, Information and Communication Technology Equipment	Vicat softening test	IEC 62368-1 (ed 4:2023) (Clause 5.4.1.10.2)
25.		Ball pressure test	IEC 62368-1 (ed 4:2023) (Clause 5.4.1.10.3)
26.		Clearance, creepage	IEC 62368-1 (ed 4:2023) (Clause 5.4.2, 5.4.3, 5.4.4)
27.		Solid insulation	IEC 62368-1 (ed 4:2023) (Clause 5.4.4)
28.		Antenna Terminal Insulation	IEC 62368-1 (ed 4:2023) (Clause 5.4.5)
29.		Insulation of internal wire	IEC 62368-1 (ed 4:2023) (Clause 5.4.6)
30.		Humidity conditioning	IEC 62368-1 (ed 4:2023) (Clause 5.4.8)
31.		Electric strength test	IEC 62368-1 (ed 4:2023) (Clause 5.4.9)
32.		Impulse test	IEC 62368-1 (ed 4:2023) (Clause 5.4.10.2.2)
33.	Audio/Video, Information and Communication Technology Equipment	Steady-state test (electric strength test)	IEC 62368-1 (ed 4:2023) (Clause 5.4.10.2.3)
34.		Separation between external circuits and earth	IEC 62368-1 (ed 4:2023) (Clause 5.4.11)

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	IT Equipment		
35.		Components as safeguard	IEC 62368-1 (ed 4:2023) (Clause 5.5)
36.		Protective conductor	IEC 62368-1 (ed 4:2023) (Clause 5.6)
37.		Resistance of the Protective Bonding System (Earth bond test)	IEC 62368-1 (ed 4:2023) (Clause 5.6.6)
38.		Prospective touch voltage, touch current and protective conductor current	IEC 62368-1 (ed 4:2023) (Clause 5.7)
39.		Back feed safeguard in battery backed up supplies	IEC 62368-1 (ed 4:2023) (Clause 5.8)
40.		Electrically caused fire	IEC 62368-1 (ed 4:2023) (Clause 6.0)
41.		Power source circuit classification	IEC 62368-1 (ed 4:2023) (Clause 6.2.2)
42.		Classification of potential ignition source	IEC 62368-1 (ed 4:2023) (Clause 6.2.3)
43.	Audio/Video, Information and Communication Technology Equipment	Safeguards against fire under normal operating conditions and abnormal operating conditions	IEC 62368-1 (ed 4:2023) (Clause 6.3)
44.		Safeguards against fire under single fault conditions	IEC 62368-1 (ed 4:2023) (Clause 6.4)

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	IT Equipment		
45.		Fire enclosures and fire barriers	IEC 62368-1 (ed 4:2023) (Clause 6.4.8)
46.		Top openings and top opening properties	IEC 62368-1 (ed 4:2023) (Clause 6.4.8.3.3)
47.		Internal and external wiring	IEC 62368-1 (ed 4:2023) (Clause 6.5)
48.		Safeguards against fire due to the connection of additional equipment	IEC 62368-1 (ed 4:2023) (Clause 6.6)
49.		Injury caused by hazardous substance	IEC 62368-1 (ed 4:2023) (Clause 7.0)
50.		Reduction of exposure to hazardous substance	IEC 62368-1 (ed 4:2023) (Clause 7.1)
51.		Ozone exposure	IEC 62368-1 (ed 4:2023) (Clause 7.2)
52.	Audio/Video, Information and Communication Technology Equipment	Mechanically caused injury	IEC 62368-1 (ed 4:2023) (Clause 8.0)
53.		Mechanical energy source classification	IEC 62368-1 (ed 4:2023) (Clause 8.2)
54.		Safeguards Against Parts with Sharp Edges and Corners	IEC 62368-1 (ed 4:2023) (Clause 8.4)
55.		Safeguards Against Moving Parts	IEC 62368-1 (ed 4:2023) (Clause 8.5.1, 8.5.2, 8.5.3)

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	IT Equipment		
56.		Special categories of equipment containing moving parts	IEC 62368-1 (ed 4:2023) (Clause 8.5.4)
57.		Stability of equipment	IEC 62368-1 (ed 4:2023) (Clause 8.6)
58.		Glass side test	IEC 62368-1 (ed 4:2023) (Clause 8.6.4)
59.		Horizontal force test	IEC 62368-1 (ed 4:2023) (Clause 8.6.5)
60.		Equipment mounted to a wall or ceiling	IEC 62368-1 (ed 4:2023) (Clause 8.7)
61.		Handle strength	IEC 62368-1 (ed 4:2023) (Clause 8.8)
62.		Wheels or casters attachment requirement	IEC 62368-1 (ed 4:2023) (Clause 8.9)
63.		Cart, stand or carrier loading test	IEC 62368-1 (ed 4:2023) (Clause 8.10.3)
64.		Mounting means for rack mounted equipment	IEC 62368-1 (ed 4:2023) (Clause 8.11)
65.	Audio/Video, Information and Communication Technology Equipment	Telescoping or rod antennas	IEC 62368-1 (ed 4:2023) (Clause 8.12 Annex T.11)
66.		Touch Temperature limit	IEC 62368-1 (ed 4:2023) (Clause 9.3)
67.		Safeguards Against Thermal Energy Sources	IEC 62368-1 (ed 4:2023) (Clause 9.4)

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Electronics Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	IT Equipment		
68.		Requirements for Safeguards	IEC 62368-1 (ed 4:2023) (Clause 9.5)
69.		Requirements for wireless power transmitters	IEC 62368-1 (ed 4:2023) (Clause 9.6)
70.		Input test	IEC 62368-1 (ed 4:2023) (Annex B.)
71.		Test conditions for equipment contain audio amplifiers	IEC 62368-1 (ed 4:2023) Clause No. (Annex E)
72.		Equipment markings, instructions, and instructional safeguards	IEC 62368-1 (ed 4:2023) (Annex F)
73.		Components	IEC 62368-1 (ed 4:2023) (Annex G)
74.	Audio/Video, Information and Communication Technology	Abrasion resistance test	IEC 62368-1 (ed 4:2023) (Annex G.13.6)
75.	Equipment	Criteria for telephone ringing signals (TNV circuit test)	IEC 62368-1 (ed 4:2023) (Annex H)



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	EMC Test Facility		
1.	Any Electrical / Electronic Product	Conducted Emission Test	CISPR 11:2024 CMV, BS EN 55011: 2016+A2:2021, CISPR 13:2009+AMD1: 2015, EN 55013:2013+A1:2016, EN 60730-1:2016, IEC60730-1:2013 CISPR 14-1:2020, IS 14700: Part 6: Sec 3:2018, EN55014-1:2017+A11:2020, CISPR 15:2018+AMD1:2024, BS EN IEC 55015:2019, CISPR 22:2008, EN 55022: 2010, IS 16833:2018, CISPR 32: 2015+A1:2019, BS EN 55032: 2015+A11:2020, IEC 61000-6-3:2020, EN 61000-6-3:2007+A1:2011, IEC 61000-6-4:2018, EN 61000-6-4:2007+ A1:2011, IEC 60601-1-2:2014 +AMD1 :2020, BS EN 60601-1-2:2015 +A1: 2021, EN 50121-3-2:2016+A1:2019, IS 14697:2021, BIS IS 6873-2-2:2015, IS 6873-2-1:2012, IS 6873-3:2009, IS 6873-4:1999, IS 6873-7:2012, FCC (Part 15 B & 18), TEC/ SD/DD /EMC-221-05/OCT-16, IS 14700:Part 6:Sec 3:2023, BS EN IEC 55025:2022, IEC 60571:2012, IS 6873-5:2012, AIS 004

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Electronics Testing			
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	EMC Test Facility		
			(Part 3), IEC 61547:2009, IS 16102-2:2017, GR-1089:2022, IS 302 - 1 : 2008, IEC 62040-2:2016, EN 62040-2:2018, IEC 60571:2012, EN 60571: 2012, IEC 62236-3-2:2018, BS EN 50121-4:2016+A1:2019, IEC 62052-11:2020, IEC 62052-11:2021, IEC 62053-21:2020, IS 14697:2021, IS 16833:2018, BS EN IEC 62053-21: 2021+A11:2021, IEC 60730-1:2013+AMD1:2015+AMD2:2020, BS EN 60730-1:2016+A1:2019, TEC/EMI/TEL-001/01/FEB-09, EN 12015:2020 EN 50083-2:2012+A1:2016, ETSI EN 300 386 V2.1.1 (2016-07), ITU-T K.48 (09/2006), ITU-T K.60 (12/2015), ITU-T K.63 (02/2004), EN 50561-1:2013 EN 55103-1:2009+AMD1:2012, EN 50370-1:2005, IS 16833:2018, IEC 60255-26:2023, IEC 60870-2-1:1995 IEC 61326-1:2020, IEC 61326-1:2020 IS 13779:2020, IS 14697:2021, IS 15884:2010, IS 16444-1:2015, IS 16444-2:2017, CISPR 25:2021

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	EMC Test Facility		
			EN 12015:2021, IS 1659:2004, IEC 62052-11:2020, IS 6873-2-1:2012 IS 6873-3:2015, IEC 61851-21-2:2018, IEC 61851-21-1:2017, IS 17017 (Part 21/Sec 1):2019, IS 14700 : Part 4 : Sec 1, IEC 61000-4-1 : 2016, IS 16242 : Part 2:2020, IS 16593 : Part 10:2023, IS 17017 : Part 21 : Sec 1:2019, IS 17017 : Part 21 : Sec 2:2019, IS 17784 : Part 1:2023, IS 17784 : Part 2:2023, IS 17816 : Part 2:202, IEC 62135-2:2020, IS 17842:2022, ISO 14117:2019, IS/IEC 61204 : Part 3:2016, IEC 61204-3 : 2016, IS/IEC 62920:2017
2.	Any Electrical / Electronic Product	Radiated Emission Test	CISPR 11:2024 CMV, BS EN 55011: 2016+A2:2021, CISPR 13:2009+ AMD1:2015, CISPR 14-1:2020, EN 55014-1:2017+A11:2020, CISPR 15:2018+AMD1:2024 CSV, BS EN IEC 55015:2019, CISPR 22:2008, EN 55022: 2010, CISPR 32:2015+ AMD1:2019, BS EN 55032:2015+ A11:2020, FCC (Part 15 B & 18), IEC 61000-6-3: 2006+A1:2010, EN

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			61000-6-3: 2007+A1:2011, IEC 61000-6-4:2018, IS 14700 : Part 6 : Sec 3:2018, IS 14700 : Part 6 : Sec 3:2023, BS EN IEC 61000-6-4:2019, IEC 60601-1-2: 2014+A1:2020, BS EN 60601-1-2:2015+A1:2021, IEC 62040-2:2016, EN 62040-2:2018, EN ETSI 300386: 2007, EN 12015:2020, IS 16833:2018 BS EN 50121-4:2016+A1:2019 - TC, IEC 62236-3-2:2018, EN50121-3-2:2016+A1:2019, IEC 61547:2020, EN 61547:2009, AIS 004 (Part 3), IEC 60571:2012, EN 60571:2012, IEC 62053-11:2003+A1:2016, IEC 62052-11:2020, I.S. EN ISO 6873:2013, I.S. EN ISO 6873:2013, I.S. EN ISO 6873:2013, BIS IS 6873-7:2012, TEC/ SD/DD/EMC-221-05/OCT-16 IS 13779:2020, IS 14697:2021, IS 15884:2010, IS 16444-1:2015, IS 16444-2:2017, CISPR 25:2021 EN 12015:2021, IS 1659:2004 IEC 62052-11:2020, IS 6873-2-1:2012

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			IS 6873-3:2015, IS 6873:Part 5:2019, 16102-2:2017, IEC 62040-2:2016 EN 62040-2:2018, IEC 60571:2012 EN 60571:2012, EN 50121-3-2:2016+ A1:2019, EN 50121-4:2016, IEC 61326-1:2012, EN 61326-1:2013 EN 62052-11:2003+A1:2017, IEC 60730-1:2013+AMD1:2015+ AMD2:2020, EN 60730-1:2017 EN 12015:2020, EN 50083-2:2012+A1:2015, ITU-T K.48 (09/2006), EN 50561-1:2013, EN 55103-1:2009+AMD1:2012 EN 50370-1:2005, IEC 60974-10:2020 IEC 60255-26:2013, IEC 62053-21:2020 EN 62053-21:2003+ A1:2017, TEC/ EMI/ TEL-001/01/FEB-09, IEC 61326-2-2:2021, AIS 004 (Part 3), IEC 61851-21-2:2018, IEC 61851-21-1:2017, IS 17017 (Part 21/Sec 1):2019, IS 14700:Part 4 : Sec 1, IEC 61000-4-1:2016, IS 16242: Part 2:2020, IS 16593:Part 10:2023, IS 17017:Part 21: Sec 1:2019, IS 17017 : Part 21:Sec 2:2019, IS 17784 : Part 1:2023, IS 17784 : Part

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			2:2023, IS 17816 : Part 2:202, IEC 62135-2:2020, IS 17842:2022, ISO 14117:2019, IS/IEC 61204:Part 3: 2016, IEC 61204-3:2016, IS/IEC 62920:2017
3.	Lighting Equipment/Laboratory	Radiated Magnetic Field Emission Test	CISPR 15:2018+AMD1:2024, EN 55015:2019, IS 6873-5:2019 IS 16102-2:2017, IEC 61547:2020 EN 61547:2009
4.	Any Electrical / Electronic Product	Electrostatic Discharge Immunity Test	CISPR 24:2010+A1:2015, EN 55024: 2010+A1:2015, CISPR 35:2016, BS EN 55035:2017+A11:2020, CISPR 14-2:2020, EN 55014-2:2015, IS 16833:2018, IEC 61000-4-2:2008, IS 14700:Part 4: Sec 2, EN 61000-4-2: 2009, AIS 004 (Part 3), IS 14700: Part 6 : Sec 1, IS 6873 : PART 2 : SEC 2:2019, IS 14700 : Part 4 : Sec 2:2019, TEC/ SD/DD/EMC-221-05/OCT-16, AIS-138 (Part 1):2017, AIS-138 (Part 2):2018 IS 17017: 21-1:2019; EN 60730-1:2016; IEC 60730-1:2013; ISO 10605: 2023; IEC 61547:2020; EN 61547:2009; IEC 60571:2012; EN 60571:2012; IEC 60601-

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	EMC Test Facility		
			1-2:2014+AMD1:2020; EN 60601-1-2:2015; IEC 61000-6-1:2016; EN 61000-6-1:2007; IEC 61000-6-2:2016; EN IEC 61000-6-2:2019; IEC 61326-1:2012; EN 61326-1:2013; IEC 61326-2-6:2020; IEC 62040-2:2016 EN 62040-2:2018; IEC 62052-11:2020 EN 62052-11:2003+ A1:2017, ITU-K20, K21, K43, K44, K47, K48, K63; ETSI EN 300 386 V2.1.0 (2015-09), IS 14700: Part 6: Sec 2:2019, IEC 60255-26:2013; IEC 61000-6-5:2015 EN 12016:2013; EN 50121-4:2015 EN 50121-3-2:2015; EN 55103-2:2009 EN 50130-4:2011; EN 50130-4:2011+ A1:2014, IEC 61496-1:2012, EN 61496-1:2013; EN 50083-2:2012; TEC/EMI /TEL-001/01/FEB-09; EN 50370-2:2003 IS 13779:2020, IS 14697:2021, IS 15884:2010, IS 16444-1:2015, IS 16444-2:2017, IEC 61851-21-2:2018, IEC 61851-21-1:2017, IS 17017 (Part 21/Sec 1):2019, IS 14700 : Part 4:Sec

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	EMC Test Facility		
			1, IEC 61000-4-1:2016, IS 16242 : Part 2:2020, IS 16593 : Part 10:2023, IS 17017: Part 21:Sec 1:2019, IS 17017 : Part 21 :Sec2:2019, IS 17784 : Part 1:2023, IS 17784 : Part 2:2023, IS 17816 : Part 2:202, IEC 62135-2:2020, IS 17842:2022, ISO 14117:2019, IS/IEC 61204 : Part 3:2016, IEC 61204-3 : 2016, IS/IEC 62920:2017
5.	Any Electrical / Electronic Product	Radiated Radio frequency Immunity Test (Radiated Susceptibility)	CISPR 35:2016, BS EN 55035:2017 +A11:2020, IEC 61000-4-3:2020, EN 61000-4-3:2006+A2:2010, 14700-6-1:2015; CISPR 24:2010+A1: 2015, EN 55024: 2010+A1:2015, CISPR 14-2:2020, IS 16833:2018, EN 55014-2:2015, AIS-138 (Part 1):2017, IS 14700: Part 6: Sec 1, IS 14700: Part 6: Sec 2:2019, AIS-138 (Part 2):2018, IS 13779:2020, AIS 004(Part 3), IS 14697: 2021, IS 15884:2010, IS 16444-1:2015, IS 16444-2:2017, IEC 60601-1-2:2014+AMD1:2020, IS 14700: Part 4 : Sec 3, EN 60601-1-2:2015, IEC 61000-6-

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Electronics Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	EMC Test Facility		
			1:2016, EN 61000-6-1:2007, IEC 61000-6-2:2016, EN 61000-6-2:2019, IEC 62040-2:2016 RLV, EN 62040-2:2018, I.S. EN ISO 6873:2013, TEC/ SD/DD/EMC-221-05/OCT-16, IS 17017:21-1:2019; IEC 60571:2012 EN 60571:2012; IEC 61326-1:2012 EN 61326-1 :2013; IEC 61326-2-6:2020 IEC 62052-11:2020; EN 62052-11:2003+A1:2017; IEC 62053-21:2020 EN 62053-21:2003+A1:2017, ETSI EN 300 386 V2.1.0 (2015-09); IEC 60255-26(Edition 3.0)(2013-05); IEC 61000-6-5 (edition 1.0) (2015-08); EN 50121-4 : 2015; EN 50370-2:2003; EN 55103-2:2009; EN 50130-4:2011; EN 50130-4:2011+A1:2014; EN 61496-1:2013 EN 50083-2:2012; EN 12016:2013, IEC 61851-21-2:2018, IEC 61851-21-1:2017, IS 17017 (Part 21/Sec 1) : 2019, IS 14700 : Part 4 : Sec 1, IEC 61000-4-1 : 2016, IS 16242 : Part 2:2020, IS 16593 : Part 10:2023, IS 17017 : Part 21 : Sec 1:2019,

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	EMC Test Facility		
			IS 17017 : Part 21 : Sec 2:2019, IS 17784 : Part 1:2023, IS 17784 : Part 2:2023, IS 17816 : Part 2:202, IEC 62135-2:2020, IS 17842:2022, ISO 14117:2019, IS/IEC 61204:Part 3:2016, IEC 61204-3:2016, IS/IEC 62920:2017
6.	Any Electrical / Electronic Product	Electrical Fast Transient (EFT)/Burst Immunity Test	CISPR 24: 2010+A1:2015, EN 55024: 2010+A1:2015, CISPR 35:2016, BS EN 55035:2017+A11:2020, CISPR 14-2: 2020, BS EN IEC 55014-2:2021, IEC 61000-4-4:2012, EN 61000-4-4:2012, IEC 61547:2020, IS 14700 : Part 6 :Sec 1:2019, IS 14700 : Part 6 :Sec 2:2019, EN 61547:2009, IS 16833 :2018; IEC 60601-1-2:2014+ AMD1:2020, BS EN 60601-1-2:2015+A1:2021, IEC 61000-6-1:2016, EN 61000-6-1:2007, IEC 61000-6-2: 2016, EN 61000-6-2: 2019, IEC 60571:2012, EN 60571:2012, IEC 62236-3-2:2018, EN 50121-3-2:2016+A1:2019, IEC 62052-11:2020,

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	EMC Test Facility		
			EN 62052-11:2003+A1: 2017, EN 12016:2013, IS15039:2018, IS 6873-2-2:2009, IS 14700-4-4:2008, IS 13779:2020, IS 14697:2021, IS 15884:2010, IS 16444-1:2015, IS 16444-2:2017, EN/ETSI 300 386 V2.1.0(2015-09), TEC/ SD/DD/EMC-221-05/OCT-16; IS 17017:21-1 :2019 IEC 60730-1:2013; CISPR 20:2006 IS 17017-21-1&2; IEC 61326-2-6:2020 IEC 62040-2:2016; EN 62040-2:2018 IEC 62053-21:2020; EN 62053-21:2003+A1:2017; ITU-K20, K21, K43, K44, K47, K48, K63; IEC 60255-26(Edition 3.0)(2013-05); IEC 61000-6-5 (edition 1.0) (2015-08); EN 55103-2:2009; EN 50130-4:2011; EN 50130-4:2011+A1:2014; IEC 61496-1:2012 EN 61496-1:2013; IEC 61326-1:2012 EN 61326-1:2013; TEC/EMI/TEL-001/01/Feb-09, AIS-138 (Part 1):2017, AIS-138 (Part 2): 2018, IEC 61851-21-2:2018, IEC 61851-21-1:2017, IS 17017

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	EMC Test Facility		
			(Part 21/Sec 1):2019, IS 14700 : Part 4 : Sec 1; IEC 61000-4-1:2016, IS 16242 : Part 2:2020, IS 16593 : Part 10:2023, IS 17017 : Part 21 :Sec 1:2019, IS 17017 : Part 21 :Sec 2:2019, IS 17784 : Part 1:2023, IS 17784 : Part 2:2023, IS 17816 : Part 2:202, IEC 62135-2 :2020, IS 17842:2022, ISO 14117:2019, IS/IEC 61204 : Part 3:2016, IEC 61204-3 : 2016, IS/IEC 62920:2017
7.	Any Electrical / Electronic Product	High Energy/Telecom Surge Immunity Test	IEC 61000-4-5:2014+A1:2017, EN 61000-4-5:2014+A1:2017, CISPR 24: 2010+A1:2015, EN 55024:2010+A1: 2015, CISPR 14-2:2020, BS EN 55014-1:2017+A11:2020, IEC 60601-1-2: 2014+A1:2020, BS EN 60601-1-2:2015 +A1:2021, IEC 61000-6-1:2016, EN 61000-6-1:2007, IEC 61000-6-2: 2016, EN 61000-6-2:2019, IS 14700: Part 6: Sec 1:2019, IEC 62040-2:2016, EN 62040-2:2018, IEC 60571:2012, IS 16833:2018, EN 60571:2012, AIS 004(Part 3), IEC 62236-3-2:2018,

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	EMC Test Facility		
			EN 50121-3-2:2016+A1:2019, CISPR 35:2016, BS EN 5035:2017+A11:2020, IEC 61547:2020, BS EN IEC 61547: 2023, IS 15039:2018, IS 14700-4-5: 2019, IS 6873-5:2024, IS 13779:2020, IS 14697:2021, IS 15884:2010, IS 16444-1:2015, IS 16444-2:2017, IS 14700: Part 6: Sec 2: 2019, IS 17017-21-1:2019; IS 17017- 21- 2:2019 IS 14697:2021; TEC/ SD/DD/EMC-221-05/OCT-16; IEC 61326-1:2020; EN 60730-1:2016; EN 60730-1:2016; IEC 60730-1:2013; IEC 61326-2-6:2020 IEC 62052-11:2020; BS EN IEC 62052-11:2021+A12:2024; ETSI EN 300 386 V2.2.1 (2022-09); IS 17017:21-1 : 2019 TEC/EMI/TEL-001/01/Feb-09; IEC 60255-26(Edition 3.0) (2013-05); IEC 61000-6-5 (edition 1.0) (2015-08); IEC 60870-2-1(edition 2.0) (1995-12), AIS-138 (Part 1):2017, AIS-138 (Part 2): 2018, EN 12016:2013; EN 50121-4 : 2015; EN 50370-2:2003; EN 55103-2:2009; EN

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	EMC Test Facility		
			50130-4:2011; EN 50130-4:2011+A1:2014; EN 61496-1:2013 EN 61326-1 :2013; TEC/GR/SAR /001/01.MAR-09; ITU-K20, K21, K43, K44,K47, K48, IEC 61851-21-2:2018, IEC 61851-21-1:2017, IS 17017 (Part 21/Sec 1) :2019, IS 14700 : Part 4 : Sec 1; IEC 61000-4-1:2016,IS 16242 : Part 2:2020, IS 16593 : Part 10:2023, IS 17017 : Part 21 : Sec 1:2019, IS 17017 : Part 21 : Sec 2:2019, IS 17784 : Part 1:2023, IS 17784 : Part 2:2023, IS 17816 : Part 2:202, IEC 62135-2:2020, IS 17842:2022, ISO 14117:2019, IS/IEC 61204 : Part 3:2016,IEC 61204-3 : 2016, IS/IEC 62920:2017;
8.	Any Electrical / Electronic Product	Conducted Radio frequency immunity Test (Conducted Susceptibility)	IEC 61000-4-6:2013,2023, BS EN 61000-4-6:2014, CISPR 24:2010+A1 2015, EN 55024:2010+A1 2015, CISPR 35:2016, EN 55035 :2017, IS 16833: 2018; CISPR 14-2:2020, EN 55014-2: 2015, AIS-138 (Part 1):2017, AIS 004(Part 3), IS 14700: Part 6:Sec 1:2019; AIS-138 (Part 2): 2018,

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Electronics Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	EMC Test Facility		
			IEC 60601-1-2:2014+AMD1:2020, BS EN 60601-1-2:2015+A1:2021, IEC 61000-6-1:2016, IS 14700: Part 4: Sec 16, IEC 61000-4-16: 2015, EN 61000-6-1:2007, IEC 61000-6-2:2016, IS 14700 : Part 6 :Sec 2; EN 61000-6-2: 2019, IEC 62040-2: 2016, IS 14700: Part 6: Sec 2:2019, EN 62040-2:2018, IEC 61547:2020, BS EN IEC 61547:2023, IEC 62052-11:2020, BS EN IEC 62052-11:2021+A12:2024, IEC 60571:2012, EN 60571:2012, IEC 62236-3-2: 2018, EN 50121-3-2:2016+A1:2019, ETSI EN 300 386 V2.1.0 (2015-09) TEC/ SD/DD/EMC-221-05/OCT-16 IS 17017:21-1:2019; IS 14700-4-6: 2016; IS 13779:2020, IS 14697:2021, IS 15884:2010, IS 16444-1:2015, IS 16444-2:2017, IEC 61326-1:2020 EN 61326-1:2013; IEC 62053-21:2020 EN 62053-21:2003+A1:2017; IEC 60255-26(Edition 3.0) (2013-05) IEC 61000-6-5 (edition 1.0) (2015-08)

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	EMC Test Facility		
			EN 12016:2013; EN 50121-4:2015; EN 50370-2:2003; EN 55103-2:2009; EN 50130-4:2011; EN 50130-4:2011+A1:2014; IEC 61496-1:2012; EN 61496-1:2013; EN 50083-2:2012; ITU-T K43 ITU-T K48; TEC/EMI/TEL-001/01/FEB-09, IEC 61851-21-2:2018, IEC 61851-21-1:2017, IS 17017 (Part 21/Sec 1) : 2019, IS 14700 : Part 4 : Sec 1; IEC 61000-4-1:2016, IS 16242 : Part 2:2020, IS 16593 : Part 10:2023, IS 17017 : Part 21 : Sec 1:2019, IS 17017 : Part 21: Sec 2:2019, IS 17784 : Part 1:2023, IS 17784 : Part 2:2023, IS 17816 : Part 2:202, IEC 62135-2:2020, IS 17842:2022, ISO 14117:2019, IS/IEC 61204:Part 3:2016, IEC 61204-3:2016, IS/IEC 62920:2017
9.	Any Electrical / Electronic Product	Magnetic Field Immunity Test	IEC 61000-4-8:2009, EN 61000-4-8: 2010, CISPR 24:2010+A1:2015, EN 55024:2010+A1:2015, IEC 61547: 2020, IS 14700: Part 6:Sec 1:2019; BS EN IEC 61547:2023, CISPR 14-2:2020, BS EN IEC 55014-2:2021, IEC 61000-6-1:2016, BS EN

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	EMC Test Facility		
			IEC 61000-6-1:2019, IEC 61000-6-2:2016, EN 61000-6-2:2019, IS 14700: Part 6:Sec 2:2019, IEC 61326-1:2020, BS EN IEC 61326-1:2021, IEC 62236-3-2:2018, EN 50121-3-2:2016+A1:2019, EN 12016:2013, ETSI EN 300 386 V2.1.0 (2015-09), AIS-138 (Part 1): 2017, AIS-138 (Part 2):2018, IS 14700-4-8:2008, IS 15039:2018, CISPR 35:2016, EN 55035:2017, IS 13779: 2020, IS 14697:2021, IEC 61851-21-2:2018, IEC 61851-21-1:2017, IS 17017 (Part 21/Sec 1):2019, IS 14700:Part 4 : Sec 1, IEC 61000-4-1:2016, IS 16242: Part 2:2020, IS 16593: Part 10:2023, IS 17017: Part 21: Sec 1:2019, IS 17017 : Part 21 : Sec 2:2019, IS 17784 : Part 1:2023, IS 17784 : Part 2:2023, IS 17816 : Part 2:202, IEC 62135-2:2020, IS 17842:2022, ISO 14117:2019, IS/IEC 61204 : Part 3:2016, IEC 61204-3 : 2016, IS/IEC 62920:2017, IS 15884: 2010, IS 16444-1:2015, IS 16444-2:2017, IS 17017: 21-

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	EMC Test Facility		
			1:2019, IS 6873-2-2:2009, IEC 60601-1-2:2014+AMD1:2020, EN 60730-1:2016, EN 60601-1-2:2015, ITU-K20, K21, K43, K44, K47, K48, K63, IEC 62040-2 (edition 3.0):2016-11, EN 62040-2:2006; EN 50121-4: 2015, EN 50370-2:2003; IEC 60255-26 (edition 3.0) (2013-05); IEC 61000-6-5 (edition 1.0) (2015-08); EN 50083-2:2012
10.	Any Electrical / Electronic Product With AC Power Port	Voltage Dips Short Interruption & Voltage Variations Immunity Test	IEC 61000-4-11: 2020, BS EN IEC 61000-4-11:2020, CISPR 24: 2010+A1:2015, EN 55024: 2010+A1: 2015, CISPR 35: 2016, BS EN 55035:2017+A11:2020, IEC 61547: 2020, BS EN IEC 61547:2023, CISPR 14-2:2020, IS 14700: Part 6: Sec 2:2019, BS EN IEC 55014-2:2021, IEC 61000-6-1:2016, BS EN IEC 61000-6-1:2019, IEC 61000-6-2:2016, EN 61000-6-2:2019, IS 14700 : Part 6 :Sec 1:2019, IEC 61326-1:2020, BS EN IEC 61326-1:2021, IEC 62236-3-2:2018, IS 16833 : 2018,EN 50121-3-2:2016+A1:2019,

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	EMC Test Facility		
			EN 12016: 2013, AIS-138 (Part 1): 2017, AIS-138 (Part 2):2018; IS 15039: 2018, IS 14700-4-11:2008, ETSI EN 300 386 V2.1.0 (2015-09), AIS 004(Part 3), TEC/SD/DD/EMC-221-05/OCT-16 IS 6873-2-2:2009, IS 17017: 21-1: 2019, IS 13779:2020, IS 14697:2021, IS 15884:2010, IS 16444-1:2015, IS 16444-2:2017, IEC 60601-1-2:2014+AMD1:2020. EN 60601-1-2:2015 IEC 62052-11:2020 EN 62052-11:2003+A1:2017, IEC 62053-21:2020, EN 62053-21:2003+ A1:2017, ITU-K20, K21, K43, K44, K47, K48, K63, IEC 60255-26(Edition 3.0) (2013-05), IEC 61000-6 -5 (edition 1.0) (2015-08), EN 12016:2013, EN 50370-2:2003, EN 55103-2:2009, EN 50130-4:2011, EN 50130-4:2011+A1:2014, IEC 61496-1:2012, EN 61496-1:2013, EN 50083-2:2012, IEC 61000-4-34:2005+AMD1:2009, TEC/EMI/TEL-001/01/Feb-09, IEC 61851-21-2:2018, IEC 61851-21-1:2017, IS 17017

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	EMC Test Facility		
			(Part 21/Sec 1):2019, IS 14700: Part 4:Sec 1, IEC 61000-4-1:2016, IS 16242 : Part 2:2020, IS 16593 : Part 10:2023, IS 17017 : Part 21 :Sec 1:2019, IS 17017 : Part 21 :Sec 2:2019, IS 17784 : Part 1:2023, IS 17784 : Part 2:2023, IS 17816 : Part 2:202, IEC 62135-2:2020, IS 17842:2022, ISO 14117:2019, IS/IEC 61204 : Part 3:2016,IEC 61204-3 : 2016, IS/IEC 62920:2017
11.	Any Electrical / Electronic Product With DC Power Port	Voltage Dips Short Interruption & Voltage Variations Immunity Test on D.C. input power port immunity tests	IEC 61000-4-29:2000, EN 61000-4-29:2001, IEC 61000-6-1:2016, IS 14700: Part 6: Sec 2: 2019, BS EN IEC 61000-6-1:2019, IEC 61000-6-2:2016, IS 14700: Part 6: Sec 1:2019; EN 61000-6-2:2019, AIS 004(Part 3), IS 16833:2018, EN 55024:2010+A1:2015 IS 15039:2018, CISPR 35:2016, BS EN 55035:2017+A11:2020, CISPR 14-2:2020, BS EN IEC 55014-2:2021, IS 6873-2-2:2015, TEC/SD/ DD/EMC-221-05/OCT-16
12.	Any Electrical / Electronic Product	Harmonic Current Emissions Test	BS EN IEC 61000-6-3:2021, IEC IS 14700: Part 6:Sec 3, 61326-1:2020, BS EN IEC

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Accreditation Standard: ISO/IEC 17025:2017

Electronics Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	EMC Test Facility		
	With DC Power Port		61326-1:2021, ETSI EN 300 386 V2.2.0 (2020-10), BS EN 62040-2:2018, BS EN 60601-1-2:2015+A1:2021, BS EN 61000-3-2:2019+A1:2021, BS EN 12015:2020, BS EN 55103-1: 2009/ Amd. 1:2012, BS EN 55103-2:2009, BS EN 62040-2:2018, BS EN 60870-2-1:1996, BS EN 60974-10:2021, BS EN 50083-2:2012 +A1:2015, EN 50083-2:2012 +A1:2015, BS EN 50121-5:2017 + A1:2019, AIS-138 (Part 1):2017, AIS-138 (Part 2): 2018, EN 50121-5:2017 + A1:2019, BS EN IEC 62040-2:2018, BS EN IEC 61326-2-2:2021, BS EN IEC 61326-1:2021 61326-2-2:2021, IEC 61326-2-2:2020, BS EN IEC 61326-2-3:2021, BS EN 61326-2-3:2021, IEC 61326-2-3:2020, BS EN IEC 61326-2-4:2021, IEC 61326-2-4:2020, BS EN IEC 61326-2-5:2021, BS EN 61326-2-5:2021, IEC 61326-2-5:2020, IS 16833: 2018, IS 14700: Part 6: Sec 2:2019, IEC

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Electronics Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	EMC Test Facility		
			61326-2-6:2020, BS EN 61326-2-6:2021, BS EN IEC 61326-2-6:2021, IEC 61326-3-1:2017, EN 61326-3-1:2017, BS EN 61326-3-1:2017, AIS 004 (Part 3), IS 14700: Part 3: Sec 2:2020, IS 13450-1-2, IS 6873: Part 2:Sec 2: 2019, IS 14700: Part 6: Sec 3:2018, IS 13450 (Part 1/Sec 2):2018, ETSI EN 301 489-1, ETSI EN 301, 489-3, ETSI EN 301 489-17, ETSI EN 301 489-19, ETSI EN 301 489-52, ETSI EN 300 386, ETSI EN 301 489-6, ETSI EN 301 489-34, IS 14700 : Part 4 : Sec 13, IEC 61000-4-13 : 2009
13.	Any Electrical /Electronic Product With DC Power Port	Voltage Fluctuations and Flicker	BS EN IEC 61326-2-2:2021, BS EN 61326-2-2:2021, IEC 61326-2-2:2020, BS EN IEC 61326-2-3:2021, BS EN 61326-2-3:2021, IEC 61326-2-3:2020, BS EN IEC 61326-2-4:2021, IEC 61326-2-4:2020, BS EN IEC 61326-2-5:2021, BS EN 61326-2-5:2021, IEC 61326-2-5: 2020, IS 16833 : 2018, IS 14700 : Part 6 :Sec 2:2019, IEC 61326-2-6:2020, BS EN 61326-2-6:2021, BS EN

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Electronics Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	EMC Test Facility		
			IEC 61326-2-6:2021, IEC 61326-3-1:2017, EN 61326-3-1:2017, BS EN 61326-3-1:2017, AIS 004(Part 3), IS 14700: Part 3:Sec 3: 2018,ETSI EN 301 489-17 V3.2.4 (2020), BS EN 55103-1:2009/Amd. 1: 2012, IS 13450-1-2, IS 6873: Part 2:Sec 2:2019, IS 14700: Part 6: Sec 3: 2018, IS 13450 (Part 1/Sec 2):2018, ETSI EN 301 489-1, ETSI EN 301 489-3,ETSI EN 301 489-17, ETSI EN 301 489-19, ETSI EN 301 489-52, ETSI EN 300 386, ETSI EN 301 489-6, AIS-138 (Part 1):2017, AIS-138 (Part 2):2018, ETSI EN 301 489-34



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Electronics Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Telecommunication Equipment (For TEC CAB Designation)		
1.	Products with 2048 kbps (E1) interface	Pulse Shape /Characteristics (E1/2048 Kbps)- Width; Amplitude Mask, Time	ITU-T G.703
2.		Output Jitter/Wander (E1/2048kbps)	ITU-T G.823; ITU-T G.732
3.		Jitter/Wander Tolerance (E1/2048 Kbps)	ITU-T G.823; ITU-T G.732
4.		Return Loss (E1/2048 Kbps)	ITU-T G.703
5.		Bit Error Rate (E1/2048 Kbps)	ITU-T G.821; ITU-T G.826
6.		Wander Measurement / Time Interval Error (E1/2048 Kbps)	ITU-T G.823
7.	Products with 34,368 kbps (E3) interface	Pulse Shape / Characteristics (E3/34368 Kbps)-Width, Amplitude, Mask, Time	ITU-T G.703
8.		Output Jitter/Wander (E3/34368 Kbps)	ITU-T G.823; ITU-T G.732; ITU-T G.751
9.		Jitter/Wander Tolerance (E3/34368 Kbps)	ITU-T G.823; ITU-T G.751
10.		Return Loss (E3/34368 Kbps)	ITU-T G.703
11.		Bit Error Rate (E3/34368 Kbps)	ITU-T G.821; ITU-T G.826

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Electronics Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Telecommunication Equipment (For TEC CAB Designation)		
12.		Clock frequency / Bit Rate with accuracy (E3/34368 Kbps)	ITU-T G.703
13.	Products with 155mbps (STM-1 optical) interface	Bit Rate / Clock Frequency with accuracy (STM-1)	ITU-T G.957
14.		Operating Wavelength (STM-1)	ITU-T G.957
15.		Bit Error Rate (STM-1)	ITU-T G.826; ITU-T G.828
16.		Spectral Width (RMS) (STM-1)	ITU-T G.957
17.		Spectral Width (-20dB) (STM-1)	ITU-T G.957
18.		Side Mode Suppression Ratio (STM-1)	ITU-T G.957
19.		Mean Launch Power (STM-1)	ITU-T G.957
20.		Extinction Ratio (STM-1)	ITU-T G.957
21.		Receiver Sensitivity (STM-1)	ITU-T G.957
22.		Receiver Reflectance (STM-1)	ITU-T G.957
23.		Output Jitter/Wander (STM-1)	ITU-T G.825; ITU-T G.783
24.		Jitter/Wander Tolerance (STM-1)	ITU-T G.825; ITU-T G.783

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Electronics Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Telecommunication Equipment (For TEC CAB Designation)		
25.	Products with 622mbps (STM-4 optical) interface	Bit Rate / Clock Frequency with accuracy (STM-4)	ITU-T G.957
26.		Operating Wavelength (STM-4)	ITU-T G.957
27.		Bit Error Rate (STM-4)	ITU-T G.826; ITU-T G.828
28.		Spectral Width (RMS) (STM-4)	ITU-T G.957
29.		Spectral Width (-20dB) (STM-4)	ITU-T G.957
30.		Side Mode Suppression Ratio (STM-4)	ITU-T G.957
31.	Products with 622mbps (STM-4 optical) interface	Mean Launch Power (STM-4)	ITU-T G.957
32.		Extinction Ratio (STM-4)	ITU-T G.957
33.		Receiver Sensitivity (STM-4)	ITU-T G.957
34.		Receiver Reflectance (STM-4)	ITU-T G.957
35.		Output Jitter/Wander (STM-4)	ITU-T G.825; ITU-T G.783
36.		Jitter/Wander Tolerance (STM-4)	ITU-T G.825; ITU-T G.783
37.	PABX, Group Audio Terminal and other products with 2 wire analog interfaces	Cross Talk	TEC/IR/SW/PBX-104/04/OCT-17 ITU-T Q.552
38.		Longitudinal Conversion Loss	TEC/IR/SW/PBX-104/04/OCT-17

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Electronics Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Telecommunication Equipment (For TEC CAB Designation)		
			ITU-T Q.552
39.		Return Loss (Analog)	TEC/IR/SW/PBX-104/04/OCT-17 TEC/IR/FAX-01/05.MAR-15 ITU-TQ.552
40.		Idle Channel Noise	TEC/IR/SW/PBX-104/04/OCT-17 ITU-T Q.552
41.		DTMF Frequency Measurement	TEC/IR/SW/PBX-104/04/OCT-17 TEC/IR/TX/PST-01/02.MAR 2015 ITU-T Q.23
42.		DTMF Level Measurement	TEC/IR/SW/PBX-104/04/OCT-17 TEC/IR/TX/PST-01/02.MAR 2015 ITU-T Q.23
43.	PABX, Group Audio Terminal and other products with 2 wire analog interfaces	Dial Speed	TEC/IR/SW/PBX-104/04/OCT-17
44.		Make Brake Ratio	TEC/IR/SW/PBX-104/04/OCT-17 TEC/IR/TX/PST-01/02.MAR 2015
45.		Inter Digital Pause	TEC/IR/SW/PBX-104/04/OCT-17 TEC/IR/TX/PST-01/02.MAR 2015
46.		Loop Current	TEC/IR/SW/PBX-104/04/OCT-17 ETSI EN 300 001
47.		Insulation Resistance	TEC/IR/SW/PBX-104/04/OCT-17

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Electronics Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Telecommunication Equipment (For TEC CAB Designation)		
			TEC/IR/TX/PST-01/02.MAR 2015 ETSI EN 300 001
48.	PABX	General Functions / Features of PABX; Inter/Intra PABX Calls PSTN Connectivity Emergency services compatibility with existing Networks; Fault Localization Operation & Maintenance features; Security & logs performance monitoring other general functions/ features etc.	TEC/IR/SW/PBX-104/04/OCT-17
49.	Digital Switch	General Functions / Features of Digital Switch PSTN Connectivity & compatibility Voice/Data functions Performance Reporting O & M features	TEC/IR/NGS/2MB-001/03 DEC.14 TEC/IR/NGS/STM-001/03 DEC.14
50.	Products with SS7 signaling interface	SS7 Signaling Protocols MTP-2; MTP-3; ISUP	ITU-T Q.781, ITU-T Q.782 ITU-T Q.784
51.	Products with IP protocol interface	IP Protocols	RFC 791, RFC 2460, RFC 4861, RFC 4862, RFC 4443, RFC 1981, RFC 793, RFC 768, RFC 1661, RFC 2516, RFC 4349, RFC 3442, RFC

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Electronics Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Telecommunication Equipment (For TEC CAB Designation)		
			4960, RFC 2740, RFC 2545, RFC 3332, RFC 2719, RFC 2453, RFC 2328, RFC 3261, RFC 3550 RFC 3551, RFC 8200, RFC 3416, RFC 3410, RFC 4213, RFC 2516, RFC 2544, RFC 4733, RFC 5036, RFC 7341, RFC 8415, RFC 2865, RFC 5654, RFC 4448, RFC 3916, RFC 4271, 4760, 2545 TEC/IR/MGW-001/05.JAN 2015
52.	Media Gateway	Functions / Features of Media Gateway - PSTN Connectivity - Voice/Data functions - Compatibility with other networks - Performance Reporting - Operation & Maintenance	TEC/IR/MGW-001/05.JAN 2015
53.	Video Conferencing Equipment	Functions / Features of Video Conferencing Equipment with ISDN BRI interface - PSTN Connectivity	TEC/IR/CPE-02/03. OCT 2003 (Chapter 7)

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Electronics Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Telecommunication Equipment (For TEC CAB Designation)		
		- Video/Audio - Conference Control - Connection Rate - Availability of Service	
54.	Router	General Functions / Features of Router; PSTN Connectivity Data Rates; Availability of service O & M Performance reporting	TEC/IR/I/TCP-001/05 MAR 14
55.	Group Audio Terminal	Functions / Features of Group Audio Terminal- PSTN Connectivity - Availability of Service	TEC/IR/TX/PST-01/02.MAR 2015
56.	Products with digital and analog interfaces	Group Delay	TEC/IR/SW/PBX-104/04/OCT-17 TEC/IR/NGS/2MB-001/03 DEC.14 ITU-T Q.552
57.		Transmission Loss	TEC/IR/SW/PBX-104/04/OCT-17 TEC/IR/NGS/2MB-001/03 DEC.14 ITU-T Q.552
58.		Weighted Noise	TEC/IR/SW/PBX-104/04/OCT-17 TEC/IR/NGS/2MB-001/03 DEC.14 ITU-T Q.552
59.		Total Distortion	TEC/IR/SW/PBX-104/04/OCT-17

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Electronics Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Telecommunication Equipment (For TEC CAB Designation)		
			TEC/IR/NGS/2MB-001/03 DEC.14 ITU-T Q.552
60.	Products with G.957 optical interface	Optical Return Loss	ITU-T G.957
61.	Products with ISDN PRI interface	ISDN PRI protocol	ITU-T Q.931; TEC/SD/ISN-01
62.		ISDN BRI Protocol	ITU-T Q.931; TEC/SD/ISN-02
63.	Products with MFC-R2 Protocol interface	MFC-R2 Protocol	TEC/GR/LLT-01
64.	Multi Point Conferencing Server	Functions & Features of Multi point Conferencing Server with ISDN PRI protocol	TEC/IR/CPE-02/03.OCT 2003 (Chapter 11)
65.	Multi Point Conferencing Server	Functions & Features of Multi point Conferencing Server with ISDN BRI protocols	TEC/IR/CPE-02/03.OCT 2003 (Chapter 10)
66.	Products with 2 wire analog interface	Flash	TEC/IR/SW/PBX-104/04/OCT-17 TEC/IR/TX/PST-01/02.MAR 2015 ETSI EN 300 001
67.		DC Voltage	TEC/IR/SW/PBX-104/04/OCT-17 TEC/IR/TX/PST-01/02.MAR 2015 ETSI EN 300 001

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Electronics Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Telecommunication Equipment (For TEC CAB Designation)		
68.		AC Voltage	TEC/IR/SW/PBX-104/04/OCT-17 TEC/IR/TX/PST-01/02.MAR 2015 ETSI EN 300 001
69.		DC Current	TEC/IR/SW/PBX-104/04/OCT-17 TEC/IR/TX/PST-01/02.MAR 2015 ETSI EN 300 001
70.	Products with 2 wire analog interface	AC Current	TEC/IR/SW/PBX-104/04/OCT-17 TEC/IR/TX/PST-01/02.MAR 2015 ETSI EN 300 001
71.		Resistance	TEC/IR/SW/PBX-104/04/OCT-17 TEC/IR/TX/PST-01/02.MAR 2015 ETSI EN 300 001/ETSI TBR-21
72.	Products with 2488mbps (STM-16 optical) interface	Bit Rate / Clock Frequency with accuracy (STM-16)	ITU-T G.957
73.		Operating Wavelength (STM-16)	ITU-T G.957
74.		Bit Error Rate (STM-16)	ITU-T G.826; ITU-T G.828
75.		Spectral Width (RMS) (STM-16)	ITU-T G.957
76.		Spectral Width (-20 dB) (STM-16)	ITU-T G.957
77.		Side Mode Suppression Ratio (STM-16)	ITU-T G.957

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Electronics Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Telecommunication Equipment (For TEC CAB Designation)		
78.		Mean Launch Power (STM-16)	ITU-T G.957
79.		Extinction Ratio (STM-16)	ITU-T G.957
80.		Receiver Sensitivity (STM-16)	ITU-T G.957
81.		Receiver Reflectance (STM-16)	ITU-T G.957
82.		Eye Pattern Mask (STM-16)	ITU-T G.957
83.		Output Jitter/Wander (STM-16)	ITU-T G.825; ITU-T G.783
84.		Jitter/Wander Tolerance (STM-16)	ITU-T G.825; ITU-T G.783
85.	Products with G.957 interface	Multiplexing structure & Mapping (STM-1 to STM-16)	ITU-T G.707
86.	Condenser Click	Condenser Click/Bell Capacitance	TEC/IR/SW/PBX-104/04/OCT-17 ETSI EN 300 001
87.	Products with (STM-256 optical interface)	Nominal Bit Rate with Tolerance	ITU-T G.693
88.		Operating Wavelength Range	ITU-T G.693
89.		Mean Launch Power	ITU-T G.693
90.		Output Jitter/Wander	ITU-T G.825; ITU-T G.783
91.		Input Jitter/Wander Tolerance	ITU-T G.825; ITU-T G.783

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Electronics Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Telecommunication Equipment (For TEC CAB Designation)		
92.	Telecom / IT products / circuits	Resistance Measurement	ETSI EN 300 001, TBR-21 (TEC S/INT-2W/02-MAY 2001)
93.		AC voltage Measurement	ETSI EN 300 001 (TEC S/INT-2W/02-MAY 2001)
94.		DC voltage Measurement	ETSI EN 300 001 (TEC S/INT-2W/02-MAY 2001)
95.		AC / DC Current Measurement	ETSI EN 300 001 (TEC S/INT-2W/02-MAY 2001)
96.		Supply Power Measurement	IEC-62623 / IEC 62301
97.		Differential output voltage	IEEE 802.3
98.		AC Differential input impedance - Return Loss	IEEE 802.3
99.		Output Timing Jitter	IEEE 802.3
100.		Throughput	IEEE 802.3/RFC 2544
101.		Latency	IEEE 802.3/RFC 2544
102.		Frame Loss	IEEE 802.3/RFC 2544
103.	Products with PON interfaces	Optical power	ITU-T /G.984.2/G.9807.1/ G.989.2/G.987.2/ IEEE 802.3/G.694.1

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Electronics Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Telecommunication Equipment (For TEC CAB Designation)		
104.	All Products with Optical Ethernet 1G/10G	Receiver Sensitivity	ITU-T G.984.2/G.9807.1/G.989.2 /G.987.2/ IEEE 802.3/G.694.1
105.		Wavelength	ITU-T G.984.2/G.9807.1/G.989.2/ G.987.2/ IEEE 802.3ah/G.694.1
106.		Protocol	Ethernet over GEM G.984.2/G.987.2/ G.9807.1/G.989.2 /G.698.3
107.		Line testing	IEEE 802.3ah
108.		Throughput	ITU-T G.984.1/G.984.2/G.984.3 /G.9807.1/G.989.2/G.987.2/ RFC 2544
109.		Average Launch Power	IEEE802.3z Cl.38/IEEE802.3ae Cl.52/IEEE802.3ba Cl.86,87,88/ IEEE802.3u
110.		Wavelength	IEEE802.3z Cl.38/IEEE802.3ae Cl. 52/IEEE802.3ba Cl.86,87,88/ IEEE802.3u
111.		Receiver Sensitivity	IEEE 802.3 2018
112.		Output Timing Jitter FE	IEEE 802.3z; IEEE 802.3

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Telecommunication Equipment (For TEC CAB Designation)		
113.	Products with Ethernet Electrical interfaces (10/100/1000BaseT)	Throughput	IEEE 802.3/RFC 2544
114.		Latency	IEEE 802.3/RFC 2544
115.		Frame Loss	IEEE 802.3/RFC 2544
116.		Link speed test	IEEE 802.3
117.		Duplex (Full or half)	IEEE 802.3
118.		Link Speed and Auto Negotiation	IEEE 802.3
119.		Differential Output Voltage GE	IEEE 802.3/IEEE 802.3z
120.		Output Timing Jitter GE	IEEE 802.3/IEEE 802.3z
121.		Receiver Differential Input Impedance FE	IEEE 802.3z Cl. 38
122.	Products with 45 Mbps (DS3) interface	Pulse Shape/ Characteristics (DS3/45 Mbps) Width Amplitude Mask Time	ITU-T G.703
123.		Output Jitter/Wander (DS3/45 Mbps)	ITU-T G.824
124.		Jitter/Wander Tolerance (DS3/45 Mbps)	ITU-T G.824

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Electronics Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Telecommunication Equipment (For TEC CAB Designation)		
125.		DC Power	ITU-T G.703
126.		Clock frequency / Nominal Bit Rate with accuracy (DS3/45 Mbps)	ITU-T G.703
127.		Average Launch Power	IEEE 802.3ba:2010 Cl. 86, 87
128.	All Products with Optical Ethernet 40G	Wavelength	IEEE 802.3ba:2010 Cl. 86, 87
129.		Receiver Sensitivity for 40GE Int	IEEE 802.3ba:2010 Cl. 86, 87
130.		Average Launch Power	IEEE 802.3ba:2010 Cl. 86, 88
131.	All Products with Optical Ethernet 100G	Wavelength	IEEE 802.3ba:2010 Cl. 86, 88
132.		Receiver Sensitivity for 100GE Int	IEEE 802.3ba:2010 Cl. 86, 88
133.		Average Launch Power	IEEE 802.3u:1995
134.	Fast Ethernet Optical	Wavelength	IEEE 802.3u:1995
135.		Receiver Sensitivity for 100GE Int	IEEE 802.3u:1995
136.		Input Jitter Tolerance for NX64 KBPS Int	ITU-T G.823:2000 ETSI TBR-4:1995
137.	N X 64 Kbps (PDH Interface)	Input Return Loss for NX64 KBPS Int	ITU-T G.703:2016
138.		Nominal Bit Rate with Tolerance NX64 KBPS Int	ITU-T G.703:2016

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Telecommunication Equipment (For TEC CAB Designation)		
139.		Output Jitter for NX64 KBPS Int	ITU-T G.823:2000; ETSI TBR-4:1995
140.		Pulse Mask for NX64 KBPS Int	ITU-T G.703:2016
141.	Products with MFC-R2 Protocol interface	MFC-R2 Protocol	TEC/GR/LLT-01
142.	Functions and Features of PON Products	1)Maximum bandwidth limiting 2) Minimum guaranteed bandwidth 3) Minimum two classes of classification	ITU-T-REC-G.984.3-200803 Section 7.5, IEEE 802.3ah, G.987.2, G.9807.1, G.694.1, G.989.2
143.		1)Port id based VLAN shall be supported at OLT 2) VLAN stacking towards the network at OLT shall be supported	G.984.1/ IEEE 802.1Q (testing procedure)-, IEEE 802.3ah, G.987.2, G.9807.1, G.694.1, G.989.2
144.	Functions and Features of PON Products	1)Switch fabric in OLT shall be able to handle full wired speed throughputs. 2) MAC learning shall be supported at OLT 3) The operator shall be able to enable/disable MAC address learning function and configure the MAC address learning aging time	G.984.1/ IEEE 802.1Q(testing procedure), IEEE 802.3ah, G.987.2, G.9807.1, G.694.1, G.989.2

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Electronics Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Telecommunication Equipment (For TEC CAB Designation)		
145.		DOS prevention, SSH v1/2 for CLI	ITU-T G.984.3 section V.2, SSH v2- RFC 4251
146.		MAC address limitation per ONT	IEEE 802.3, G.984.1, G.987.2, G.989.2, IEEE 802.3ah, IEEE 802.3av, G.9807.1, G.984.5, IEEE 802.3ca, G.694.1, IEEE 802.1Q
147.		Support of 802.1x authenticator functionality (MAC based)	IEEE 802.1x
148.		Username and password-based authentication	ITU-T G.984.3 section 9.2.2 ITU-T G.984.3 section 12, IEEE 802.3ah, G.987.2, G.9807.1, G.694.1, G.989.2
149.	GPON Equipment	ECR	TEC 74046
150.	Group Audio Terminal	Functions / Features of Group Audio Terminal – PSTN Connectivity - Availability of Service	TEC/IR/TX/PST-01/02.MAR 2015, TEC 79082
151.	IoT Gateway	Each individual gateway shall have a unique "Media Access Control Address" (MAC address) mentioned in the label attached to it,	As per TEC ER of IoT Gateway

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Telecommunication Equipment (For TEC CAB Designation)		
		by which it shall be uniquely identified within the network	
152.		IPv6 Packet Size Issue	RFC 8200 Clause 5 Annexure P7 TEC/TC/DD/TCP-22/2.24 /September
153.	IoT Gateway with IPV6 Packet Size Issues parameter	IPV6 Packet Size Issues	RFC 8200 Clause 5 Annex P7 of TEC/TC/DD/TCP-222/2.24/ September
154.	IoT Gateway, Feedback device, Smart Electricity meter,	Dual IP layer operation: Decapsulation	RFC 4213 Clause 3.6 Annex P6 of TEC/TC/DD/TCP-222/2.24/ September
155.	Tracking device, Smart camera, Smart Watch	Dual IP layer operation: Link Local Address	RFC 4213 Clause 3.7 Annex P6 of TEC/TC/DD/TCP-222/2.24/ September
156.	IoT Gateway, Feedback device, Smart Electricity meter,	Dual IP layer operation: Tunnelling	RFC 4213 Clause 3.2.1 Annex P6 of TEC/TC/DD/TCP-222/2.24/ September
157.	Tracking device, Smart camera, Smart Watch	Dual IP layer operational: Decapsulation	RFC 4213 Clause 3.6 Annexure P6 of TEC/TC/DD/TCP- 222/2.24/September

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Electronics Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Telecommunication Equipment (For TEC CAB Designation)		
158.		Dual IP layer operational: Link Local Address	RFC 4213 Clause 3.7 Annexure P6 of TEC/TC/DD/TCP-222/2.24/September
159.		IPv6 Extn. Header Fragment Header	RFC 8200 Clause 4.5 Annex P7 of TEC/TC/DD/TCP-222/2.24/September
160.		IPv6 Extn. Header Fragment Header	RFC 8200 Clause 4.5 Annexure P7 of TEC/TC/DD/TCP-222/2.24/September
161.	IP Security Equipment (Conformance)	IDS Functional Test	Test No. 20,21 Appendix -II of Annexure P11 of TEC/TC/DD/TCP-222/2.24/September
162.		IPS Functional Test	Test No. 22,23 Appendix -II of Annexure P11 of TEC/TC/DD/TCP-222/2.24/September
163.	IP Security Equipment (Conformance)	UTM URL Content & Anti-Virus Filtering	Test No. 24,25,26 Appendix -II of Annexure P11 of TEC/TC/DD/TCP-222/2.24/September
164.	IP Security Equipment and similar telecom products with IP	IPSec Functional Test	Test No 16 of TEC/TC/DD/TCP-222/2.24/September

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Electronics Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Telecommunication Equipment (For TEC CAB Designation)		
	Sec Feature		
165.	IP Security Equipment and similar telecom products with NAT features	NAT Functional Test	Test no 17,18 of TEC/TC/DD/TCP-222/2.24/September
166.	IP Security Equipment and similar telecom products with policy function	Policy Functional Test	Test No 19 of TEC/TC/DD/TCP-222/2.24/September
167.	IP Security Equipment with NAT functional test	Test Source NAT NAT64 related feature	Test no 18 of TEC/TC/DD/TCP-222/2.24/September
168.	LAN switch and similar telecom products with Layer-2 Protocols	Link Layer discovery protocol (LLDP)	IEEE 802.1ab
169.		MAC Learning and Packet Forwarding	IEEE 802.1d
170.		Spanning Tree Protocol	IEEE 802.1d
171.	Media Gateway and Signaling Gateway with SCTP Parameters Set-A	Chunk field descriptions	RFC 4960 Clause 3.2 Annex P9 of TEC/TC/DD/TCP-222/2.24/September
172.		Optional/variable-length parameters format	RFC 4960 Clause 3.2.1 Annex P9 of TEC/TC/DD/TCP-222/2.24/September

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Electronics Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Telecommunication Equipment (For TEC CAB Designation)		
173.		Reporting of unrecognized parameters	RFC 4960 Clause 3.2.2 Annex P9 of TEC/TC/DD/TCP-222/2.24/September
174.		SCTP association state diagram	RFC 4960 Clause 4 Annex P9 of TEC/TC/DD/TCP-222/2.24/September
175.		SCTP common header field descriptions	RFC 4960 Clause 3.1 Annex P9 of TEC/TC/DD/TCP-222/2.24/September
176.		SCTP packet Format	RFC 4960 Clause 3 Annex P9 of TEC/TC/DD/TCP-222/2.24/September
177.	InfiniBand Switch	Subnet Manage	IBTA Architecture Specification RLC 1.5 as per ER No. TEMP 1614945678355 Test No 44 of TEC/TC/DD/TCP 222/2.19/March
178.	IoT Gateway, Tracking Device, Smart Watch and Smart Camera with Non-0 IMEI or MEID or Unique MAC	Non-0 IMEI or MEID or Unique MAC	Annex M of TEC/TC/DD/TCP-222/2.19/March

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Electronics Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Telecommunication Equipment (For TEC CAB Designation)		
179.	Media Gateway and similar telecom products with DTMF Parameters Set-A (Conformance)	Payload Format	RFC 4733 Clause 2.3 Annex P8 of TEC/TC/DD/TCP-222/2.19/March
180.		Use of RTP header fields	RFC 4733 Clause 2.2 of Annex P8 of TEC/TC/DD/TCP-222/2.19/ March
181.		RTP payload format for named telephones events	RFC 4733 Clause 2 Annex P8 of TEC/TC/DD/TCP-222/2.19/March
182.	Media Gateway with DTMF Parameters Set-A	Payload Format	RFC 4733 Clause 2.3 Annex P8 of TEC/TC/DD/TCP-222/2.19/ March
183.	Media Gateway with DTMF Parameters Set-A	RTP payload format for named telephones events	RFC 4733 Clause 2 Annex P8 of TEC/TC/DD/TCP-222/2.19/March
184.		Use of RTP header fields	RFC 4733 Clause 2.2 Annex P8 of TEC/TC/DD/TCP-222/2.19/ March
185.	Media Gateway with RTP Parameters Set-B	RTP: Payload Type	RFC 3550 Clause 5.1 Annex P2 of TEC/TC/DD/TCP-222/2.19/ March
186.		RTP: Sender report RTCP packet version	RFC 3550 Clause 6.4.1 Annex P2 of TEC/TC/DD/TCP- 222/2.19/March

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Telecommunication Equipment (For TEC CAB Designation)		
187.		RTP: Sequence number	RFC 3550 Clause 5.1 Annex P2 of TEC/TC/DD/TCP-222/2.19/March
188.		RTP: Version and Port	RFC 3550 Clause 5.1 Annex P2 of TEC/TC/DD/TCP-222/2.19/March
189.	Media Gateway, Soft switch and similar telecom products with SS7 signaling interface	SS7 Signaling Protocols 1. MTP-2 2. MTP-3 3. ISUP	ITU-T Q.781, ITU-T Q.782, ITU-T Q.784
190.	PABX and similar telecom products with DTMF Parameters Set-C (Conformance)	DTMF: Duration negotiation	RFC 4733 Clause 2.3.5 Annex P8 of TEC/TC/DD/TCP-222/2.19/March
191.		DTMF: Negotiation of Payload	RFC 4733 Clause 2.5.1.1 Annex P8 of TEC/TC/DD/TCP-222/2.19/March
192.		DTMF: Transmission of Event Packet	RFC 4733 Clause 2.5.1.2 Annex P8 of TEC/TC/DD/TCP-222/2.19/March
193.		DTMF: Verification of sequence no. and time stamp	RFC 4733 Clause 2.2.1 Annex P8 of TEC/TC/DD/TCP-222/2.19/March

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Electronics Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Telecommunication Equipment (For TEC CAB Designation)		
194.	PABX and similar telecom products with MFC-R2 Protocol interface	MFC-R2 Protocol	TEC/GR/LLT-01
195.	Products with IP protocol interface	SNMPv4 and SNMPV6	SNMPv4-RFC 3410 SNMPv6-RFC 3416
196.	PABX, Media Gateway, PON and similar telecom products with IPV4 Parameters (Conformance)	Internet Header Format	RFC 791 Clause 3.1 (Annexure P6 of TEC/TC/DD/TCP-222/2.19/March)
197.		Model of operation	RFC 791 Clause 2.2 (Annexure P6 of TEC/TC/DD/TCP-222/2.19/March)
198.		Addressing	RFC 791 Clause 3.2 (Annexure P6 of TEC/TC/DD/TCP-222/2.19/March)
199.	PON product and similar telecom products with PON interfaces	Line testing	IEEE 802.3ah, IEEE 802.3
200.		Optical power	ITU-T G.984.2/G.9807.1 /G.989.2 /G.98/7.2/ IEEE 802.3/G.694.1
201.		Protocol	G.984.2/G.987.2/G.9807.1/G.989.2/ G.984.3/ G.698.3
202.		Receiver Sensitivity	ITU-T G.984.2/G.9807.1/ G.989.2/ G.98 /7.2/ IEEE 802.3/G.694.1

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Electronics Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Telecommunication Equipment (For TEC CAB Designation)		
203.		Wavelength (downstream)	ITU-T G.984.2/G.9807.1 /G.989.2 /G.98/7.2/ IEEE 802.3/G.694.1
204.		Wavelength (upstream)	ITU-T G.984.2/G.9807.1/ G.989.2/ G.98/7.2/ IEEE 802.3/G.694.1
205.	PON Products (OLT, ONT, ONU)	Interoperability Test for GPON Int	ITU-T G.984.x G.988 and Annex-J5
206.	Router & LAN Switch	Qx Protocol (Functional Test)	Test 6 & 7 Appendix -II Annexure P11 TEC/TC/DD/TCP-222/ 2.19/ March
207.	Router and similar telecom products with LDP (Conformance)	Label Request Message- TLV management	RFC5036 Clause 2.8.1(Appendix I- Table 11 of TEC/TC/DD/TCP-222/2.19/March)
208.		LDP Identifiers and Next Hop Addresses- LDP Database update	RFC5036 Clause 2.7 (Appendix I- Table 11 of TEC/TC/DD/TCP-222/2.19/March)
209.		LDP Identifiers- Unique Label switch router identification.	RFC5036 Clause 2.2.2(Appendix I- Table 11 of TEC/TC/DD/TCP-222/2.19/March)
210.		Session Initialization- Session validation	RFC5036 Clause 2.5.3(1.c)

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Telecommunication Equipment (For TEC CAB Designation)		
211.	Router and similar telecom products with LDP (Conformance)	Transport Connection Establishment- Hello advertisement	RFC5036 Clause 2.5.2 (Appendix I- Table 11 of TEC/TC/DD/TCP-222/2.24/September)
212.	Router and similar telecom products with MBGP (Conformance)	Error Handling- Attribute error management in MBGP	RFC4760 Clause 7 (Appendix I- Table 10 of TEC/TC/DD /TCP222/2.24/September)
213.	Router and similar telecom products with PPPoE	PPPoE Functional test	RFC 2516
214.	Router and similar telecom products with Radius	Radius Functional test	RFC 2865
215.	Router, LAN switch and similar products with OSPFv2 (Conformance)	Events causing interface state changes- Backup Seen	RFC 2328 Clause 9.2 (Appendix I-Table 1 of TEC/TC/DD/TCP 222/2.24/September)
216.		Protocol Packet Processing Sending/Receiving Protocol packets	RFC2328 Clause 8.1 & 8.2 (Appendix I- Table 1 of TEC/TC/DD /TCP 222/2.24/ September)
217.		Receiving protocol packets Area management with the ABRs.	RFC 2740 / 5340 Clause 3.2.2 (Appendix I- Table 2 of TEC/TC/ DD /TCP-222/2.24/September)
218.		Sending Link State Acknowledgment packets LS	RFC 2328 Clause 13.5

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Electronics Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Telecommunication Equipment (For TEC CAB Designation)		
		Update management	(Appendix I-Table 1 of TEC/TC/DD /TCP222/2.24/September)
219.		The Flooding Procedure- LS Update management	RFC 2328 Clause 13(5b)(Appendix I- Table 1 of TEC/TC/DD/ TCP222/2.24/ September)
220.		The Flooding Procedure Required database update identification	RFC2328 Clause 13(5a)(Appendix I- Table 1 of TEC/TC/DD/ TCP- 222/2.19/ March)
221.	Router, LAN switch and similar products with OSPFv3 (Conformance)	Receiving protocol packets – protocol packet identification	RFC 2740 / 5340 Clause 3.2.2 (Appendix I- Table 2 of TEC/TC/DD/TCP-222/2.19/March)
222.		Router-LSAs protocol packet identification	RFC 2740 / 5340 Clause 3.4.3.1 (Appendix I- Table 2 of TEC/TC/DD/TCP-222/2.19/March)
223.		The hello Packet Parameter synchronization for session establishment	RFC 2740 /5340 Clause A.3.2 (Appendix I- Table 2 of TEC/TC/DD/TCP-222/2.19/March)
224.		The Neighbor Data Structure Neighbor's Interface ID	RFC 2740 / 5340 Clause 3.1.3 (Appendix I- Table 2 of TEC/TC/DD/TCP-222/2.19/March)

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Electronics Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Telecommunication Equipment (For TEC CAB Designation)		
225.	Router, LAN switch and similar telecom products with BGP4 for IPv4 (Conformance)	BGP Connection Collision Detection- Session management	RFC 4271 Clause 6.8 (Appendix I- Table 9 of TEC/TC/DD/TCP-222/2.19/March
226.		Message Header Error Handling- Header error detection	RFC 4271 Clause 6.1 (Appendix I- Table 9 of TEC/TC/DD/TCP-222/2.19/March
227.		Message Header Error Handling- Message Header Rules	RFC 4271 Clause 6.1 (Appendix I- Table 9 of TEC/TC/DD/TCP-222/2.19/March
228.		UPDATE Message Error Handling- Update error detection	RFC 4271 Clause 6.3 (Appendix I- Table 9 of TEC/TC/DD/TCP-222/2.19/March
229.		Update-Send Process Managing BGP information	RFC 4271 Clause 9.2 (Appendix I- Table 9 of TEC/TC/DD/TCP-222/2.19/March
230.	Router, LAN switch and similar telecom products with BGP4 for IPv6 (Conformance)	Constructing the Next Hop field BGP packet forwarding	RFC 2545 Clause 3 (Appendix I Table 8 of TEC/TC/DD/TCP-222/2.19/March
231.	Router, LAN Switch, IP Security Equipment, PTP Grandmaster Equipment and similar	SNMPv2 and SNMPV3	SNMPv2-RFC 3410, SNMPv3-RFC 3416

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Telecommunication Equipment (For TEC CAB Designation)		
	telecom products with IP protocol interface		
232.	Router, LAN switch, IP Security Equipment and similar telecom products with IPV6 Complete Suite (Conformance)	Becoming an Advertising Interface Router specification	RFC 4861 Clause 6.2.2 (Appendix I- Table 4 of TEC/TC/DD/TCP- 222/2.24/September)
233.		Duplicate Address Detection Exclude unicast in DAD	RFC 4862 Clause 5.4 (Appendix I- Table 5 of TEC/TC/DD/TCP- 222/2.24/September)
234.		Extension Header Order- Ipv6 extension header processing	RFC2460/8200 Clause 4.1 (Appendix I- Table 3 of TEC/TC/DD/TCP-222/2.19/ March)
235.		Message Processing Rules ICMPv6 packet management	RFC 4443 Clause 2.4 (Appendix I- Table 7 of TEC/TC/DD/TCP- 222/2.24/September)
236.		Message Processing Rules ICMPv6 packet processing	RFC 4443 Clause 2.4 (Appendix I- Table 7 of TEC/TC/DD/TCP- 222/2.24/September)
237.		Message Source Address Determination -Address management	RFC 4443 Clause 2.2 (Appendix I- Table 7 of TEC/TC/DD/TCP- 222/2.24/September)

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Electronics Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Telecommunication Equipment (For TEC CAB Designation)		
238.		Message Source Address Determination- Source address management	RFC 4443 Clause 2.2 (Appendix I- Table 7 of TEC/TC/DD/TCP- 222/2.24/September)
239.	Router, LAN switch, IP Security Equipment and similar telecom products with IPV6 Complete Suite (Conformance)	Options- Ipv6 extension header processing	RFC2460/8200 Clause 4.2 (Appendix I- Table 3 of TEC/TC/ DD/TCP-222/2.19/March)
240.		Options- Ipv6 extension header processing action	RFC2460/8200 Clause 4.2 (Appendix I- Table 3 of TEC/TC/DD /TCP-222/2.24/September)
241.		Options- Ipv6 extension header processing order	RFC2460/8200 Clause 4.2 (Appendix I- Table 3 of TEC/TC/ DD/TCP-222/2.24/September)
242.		Protocol Requirements--Packet fragmentation	RFC 1981 / 8201 Clause 4 (Appendix I- Table 6 of TEC/TC/DD /TCP-222/2.24/September)
243.		Routing Header- Ipv6 extension header processing action	RFC2460/8200 Clause 4.4(Appendix I- Table 3 of TEC/TC /DD /TCP-222/2.24/September)
244.		Sending Neighbour Solicitation Messages -Duplicate address detection	RFC4862 Clause 5.4.2 (Appendix I- Table 5 of TEC/TC/DD/TCP- 222/2.24/September)

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Electronics Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Telecommunication Equipment (For TEC CAB Designation)		
245.		Validation of Neighbour Solicitations- Peer validation	RFC4862/RFC 4861 Clause 5.4/ Clause 7.1.1 (Appendix I Table 5 of TEC/TC/DD/TCP-22/2.24/ September)
246.		Validation of Neighbor Advertisements- Peer validation	RFC 4861 Clause 7.1.2 (Appendix I-Table 4 of TEC/TC/DD/TCP - 222/2.24/September)
247.		Validation of Neighbor Advertisements- Peer validation	RFC4862/RFC 4861 Clause 5.4/Clause 7.1.2 (Appendix I Table 5 of TEC/TC/DD/TCP-222/2.24 /September)
248.	Router, LAN switch, IP Security Equipment and similar telecom products with IPV6 Complete Suite (Conformance)	Validation of Neighbor Solicitations- Peer validation	RFC 4861 Clause 7.1.1(Appendix I-Table 4 of TEC/TC/DD/TCP - 222/2.24/September)
249.		Validation of Neighbor Solicitations- Reserved field management	RFC 4862 / RFC 4861 Clause 5.4/Clause 7.1.1 (Appendix I Table 5 of TEC/TC/DD/TCP-222/2.24/ September)
250.		Validation of Router Advertisement Messages Neighborhood discovery router validation	RFC4861 Clause 6.1.2 (Appendix I- Table 4 of TEC/TC/DD/TCP 222/2.24/September)

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Electronics Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Telecommunication Equipment (For TEC CAB Designation)		
251.		Validation of Router Solicitation Messages- Neighborhood Router discovery validation	RFC4861 Clause 6.1.1 (Appendix I- Table 4 of TEC/TC/DD/TCP 222/2.24/September)
252.	Router, LAN Switch, PON, Media Gateway, PABX, SBC, Soft Switch, SIP Terminal, IP Phone, IP conferencing Equipment and similar telecom products with TCP Parameters (Conformance)	Header Format and Sequence Numbers	RFC 793 Clause 3.1, 3.3 Clause 1.4,2.3, 3.1 Annex P4 of (TEC/TC/DD/TCP 222/2.24/September)
253.	Router, LAN Switch, PON, Media Gateway, PABX, SBC, Soft Switch, SIP Terminal, IP Phone, IP conferencing Equipment and similar telecom products with UDP Parameters (Conformance)	Sequence numbers	RFC 768 Annex P5 of TEC/TC/DD/ TCP-222/2.24/ September)
254.		UDP Format	RFC 768 Annex P5 of (TEC/TC/DD/ TCP-222/2.24/ September)
255.		User Terminology	RFC 768 Annex P5 of (TEC/TC/DD/ TCP-222/2.24/ September)
256.	Router, LAN Switch, PON, Media Gateway, PABX, SBC, WiFi	IP Protocols (IPV4, IPV6, TCP, UDP, PPP, PPPoE, HDLC, Static Routing, RIP, OSPF, SIP/SDP, RTP/RTCP, BGP, MEGACO,	RFC 791, RFC 2460, RFC 4861, RFC 4862, RFC 4443, RFC 1981 / 8201, RFC 793, RFC 768, RFC 1661, RFC 2516, RFC 4349, RFC 3442, RFC

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	Telecommunication Equipment (For TEC CAB Designation)		
	AP and Controller, IP Security Equipments and similar telecom products with IP protocol interface	MGCP (H.248), H.323)	2453, RFC 2328, RFC 3261, RFC 3550, RFC 4271, 4760, 2545, TEC/IR/SW/TMG-101/06/NOV-18, TEC 59062:2023, TEC/IR/SW/PBX-104/04/OCT-17, TEC 60012:2023, TEC/GR/SW/PBX-005/01/SEP-16, TEC 60030
257.	Router, LAN Switch, WiFi AP and Controller and similar telecom products with Dual IP layer operation (Conformance)	Dual IP layer operation: Address Configuration	RFC 4213 Clause 2.1 (Annexure P6 of TEC/TC/DD/ TCP-222 / 2.24/ September
258.		Dual IP layer operation: DNS	RFC 4213 Clause 2.2 (Annexure P6 of TEC/TC/DD/TCP-222/2.24/ September
259.		Dual IP layer operation: Tunneling	RFC 4213 Clause 3 (Annexure P6 of TEC/TC/DD/TCP-222/2.24/ September
260.	Router, Switch, IP Security Equipment, Wi-Fi Access Point,	IPV4 with clause 2.3	RFC 791 (Clause 2.3)
261.	IoT Gateway and Similar Telecom Products	IPV6 with clauses 4.7, 7 and 8.1	RFC 8200 (Clause 4.7, 7 and 8.1)

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Electronics Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Telecommunication Equipment (For TEC CAB Designation)		
262.	SBC	IPV4 Parameters Set-B(Gateways)	RFC 791 Clause 2.4 Annex P6 of TEC/TC/DD/TCP- 222/2.24/ September
263.	SBC	IPV4 Parameters Set-B (Interfaces)	RFC 791 Clause 3.3 Annex P6 of TEC/TC/DD/TCP-222/2.24/ September
264.		IPV4 Parameters Set-B (Model of operation)	RFC 791 Clause 2.2 Annex P6 of TEC/TC/DD/TCP-222/2.24/ September
265.		RTCP Parameters Set-B (RTCP: Port Assignment)	RFC 3551 Clause 8 Annex P3 of TEC/TC/DD/TCP-222/2.24/ September
266.		RTCP Parameters Set-B (RTCP: Registering Additional Encodings)	RFC 3551 Clause 3 Annex P3 of TEC/TC/DD/TCP-222/2.24/ September
267.		RTP Parameters Set-C (RTP: Byte Order, Alignment, and Time Format)	RFC 3550 Clause 4 Annex P2 of TEC/TC/DD/TCP-222/2.24/ September
268.		RTP Parameters Set-C (RTP: Simple Multicast Audio Conference)	RFC 3550 Clause 2.1 Annex P2 of TEC/TC/DD/TCP-222/2.24/ September

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Electronics Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Telecommunication Equipment (For TEC CAB Designation)		
269.		SIP Parameters Set-C (SIP –Max Forwards (Not for SIPS URI))	RFC 3261 Clause 8.1.1.6 Annex P1 of TEC/TC/DD/TCP-222/2.24/ September
270.		SIP Parameters Set-C (SIP - Message Body length (Not for SIPS URI))	RFC 3261 Clause 7.4.2 Annex P1 of TEC/TC/DD/TCP-222/2.24/ September
271.	SBC	SIP Parameters Set-C (SIP - Responses (Not for SIPS URI))	RFC 3261 Clause 7.2 Annex P1 of TEC/TC/DD/TCP-222/2.24/ September
272.		TCP Parameters (Header Format and Sequence Numbers)	RFC 793 Clause 1.4, 2.3 Annex P4 of TEC/TC/DD/TCP-222/2.24/September
273.		SCTP Parameters Set-B (Transmission of DATA Chunks)	RFC 4960 Clause 6.1 Annex P9 of TEC/TC/DD/TCP-222/2.24/ September
274.	SBC and Soft Switch	SCTP Parameters Set-B (Path Failure Detection)	RFC 4960 Clause 8.2 Annex P9 of TEC/TC/DD/TCP-222/2.24/ September
275.		SCTP Parameters Set-B (Path Management)	RFC 4960 Clause 1.5.7 Annex P9 of TEC/TC/DD/TCP-222/2.24/ September

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Electronics Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Telecommunication Equipment (For TEC CAB Designation)		
276.		SCTP Parameters Set-B (User Data Fragmentation)	RFC 4960 Clause 1.5.3 Annex P9 of TEC/TC/DD/TCP-222/2.24/September
277.		RTCP: GSM-EFR	RFC 3551 Clause 4.5.9 Annex P3 of TEC/TC/DD/TCP-222/2.24/September
278.		RTCP: Guidelines 1 for sample based audio encodings	RFC 3551 Clause 4.3 Annex P3 of TEC/TC/DD/TCP-222/2.24/September
279.	SIP Terminal, IP Phone, PABX, IP Conferencing Equipments and similar telecom products with RTCP Parameters Set-A (Conformance)	RTCP: Guidelines 2 for sample based audio encodings	RFC 3551 Clause 4.4 Annex P3 of (TEC/TC/DD/TCP-222/2.24/September)
280.		RTCP: Port Assignment	RFC 3551 Clause 8 Annex P3 of (TEC/TC/DD/TCP-222/2.24/September)
281.		RTCP: Registering Additional Encodings	RFC 3551 Clause 3 Annex P3 of (TEC/TC/DD/TCP-222/2.24/September)
282.		RTP: Version and Port	RFC 3550 Clause 5.1 Annex P2 of (TEC/TC/DD/TCP-222/2.24/September)

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Electronics Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Telecommunication Equipment (For TEC CAB Designation)		
283.		RTP: Payload Type	RFC 3550 Clause 5.1 Annex P2 of (TEC/TC/DD/TCP-222/2.24/September)
284.	SIP Terminal, IP Phone, PABX, IP Conferencing Equipments and similar telecom products with RTCP Parameters Set-A (Conformance)	RTP: Sender report RTCP packet version	RFC 3550 Clause 6.4.1 Annex P2 of (TEC/TC/DD/TCP-222/2.24/September)
285.		RTP: Sequence number	RFC 3550 Clause 5.1 Annex P2 of (TEC/TC/DD/TCP-222/2.24/September)
286.		RTP: SSRC Identification	RFC 3550 Clause 5.1 Annex P2 of (TEC/TC/DD/TCP-222/2.24/September)
287.		Generating SIP request (To, RURI, From, Call-ID, C Seq, Max Forwards, Via)	RFC 3261 Clause 8.1.1, 8.1.1.2 to 8.1.1.7 Annex P1 of (TEC/TC/DD/TCP-222/2.24/September)
288.	SIP Terminal, IP Phone, PABX, IP Conferencing Equipments and similar telecom products with SIP Parameters Set-A (Conformance)	SIP Creating the initial invite	RFC 3261 Clause 13.2.1 Annex P1 of (TEC/TC/DD/TCP-222/2.24/September)
289.		SIP Dialog and Transaction	RFC 3261 Clause 12, 12.1.1, 12.1.2 Annex P1 of (TEC/TC/DD/TCP-222/2.24/September)

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Electronics Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Telecommunication Equipment (For TEC CAB Designation)		
290.		SIP Header: Message Body Type	RFC 3261 Clause 7.4.1 Annex P1 of (TEC/TC/DD/TCP-222/2.24/September)
291.	SIP Terminal, IP Phone, PABX, IP Conferencing Equipments and similar telecom products with SIP Parameters Set-A (Conformance)	SIP Terminating a Session with a BYE request	RFC 3261 Clause 15 Annex P1 of (TEC/TC/DD/TCP-222/2.24/September)
292.		User Authentication	RFC 3261 Clause 21 Annex P1 of (TEC/TC/DD/TCP-222/2.24/September)
293.		Header: Flow Label	RFC 2460/ 8200 Clause 3 (Annexure P7 of TEC/TC/DD/TCP-222/2.24/September)
294.		Header: Hop Limit	RFC 2460/ 8200 Clause 3 (Annexure P7 of TEC/TC/DD/TCP-222/2.24/September)
295.	Gateway and similar telecom products with IPV6 Header Parameters (Conformance)	Header: No next header after IPV6 Header	RFC 2460/ 8200 Clause 3 (Annexure P7 of TEC/TC/DD/TCP-222/2.24/September)
296.		Header: Payload Length	RFC 2460/ 8200 Clause 3 (Annexure P7 of TEC/TC/DD/TCP-222/2.24/September)

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	Telecommunication Equipment (For TEC CAB Designation)		
297.		Header: Source and Destination Address	RFC 2460/ 8200 Clause3 (Annexure P7 of TEC/TC/DD/TCP-222/2.24/September)
298.		Header: Traffic Class	RFC 2460/ 8200 Clause 3 (Annexure P7 of TEC/TC/DD/TCP-222/2.24/September)
299.		Header: Version Field	RFC 2460/ 8200 Clause 3 (Annexure P7 of TEC/TC/DD/ TCP-222/2.24/September)
300.	SIP Terminal, IP Phone, SBC, Mobile Device, PON, IoT Gateway and similar telecom products with IPV6 Header Parameters (Conformance)	IPv6 Extension Header Hop By Hop Options	RFC 2460/ 8200 Clause 4.3 (Annexure P7 of TEC/TC/DD/TCP-222 /2.24/September)
301.		IPv6 Extension Header Order	RFC 2460/ 8200 Clause4.1 (Annexure P7 of TEC/TC/DD/TCP-222/2.24/September)
302.		IPv6 Extension Header Routing	RFC 2460/ 8200 Clause 4.4 (Annexure P7 of TEC/TC/DD/TCP-222/2.24/September)
303.		Pv6 Extension Header Options	RFC 2460/ 8200 Clause4.2 (Annexure P7 of TEC/TC/DD/TCP-222/2.24/September)

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	Telecommunication Equipment (For TEC CAB Designation)		
304.	SOFT SWITCH, IoT Gateway, Feedback device, Smart Electricity meter, Tracking device, Smart camera, Smart Watch	IPV4 Parameters Set-C (Function Description)	RFC 791 Clause 2.3
305.	Cloud Control Capable Router	ISIS Functional Test	RFC 1142/1195
306.		Netconf/YANG Functional Test	RFC 6241/6020
307.	Transmission Product, Router, LAN Switch, PON, Media Gateway, Microwave and similar telecom products with STM-64 Optical Interface	Bit Rate / Clock Frequency with accuracy (STM-64)	ITU-T G.957
308.		Operating Wavelength (STM-64)	ITU-T G.691
309.		Output Jitter/Wander (STM-64)	ITU-T G.783; ITU-T G.825
310.		Jitter/Wander Tolerance (STM-64)	ITU-T G.783; ITU-T G.825
311.		Mean Launch Power (STM-64)	ITU-T G.691
312.		Receiver Sensitivity (STM-64)	ITU-T G.691
313.	Transmission Product, Router, LAN Switch, PON, Media Gateway, Microwave, PABX, SBC, Soft Switch WiFi AP and	DTMF DHCP ICMPV4 ARP SCTP RTCP	RFC 4733 (Clause no. 3.2, Clause no.2.5.1.2, Clause no. 2.3.4, Clause no. 2.3.5), RFC 4213 (Clause 2.1), RFC 792, RFC 826 RFC 2960/RFC 4960,

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Electronics Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Telecommunication Equipment (For TEC CAB Designation)		
	Controller and similar telecom products with IP protocol interface (Functional)		RFC 3551
314.	Transmission Products and similar telecom products with OTU interfaces	Central Frequency	ITU-T G.959.1/ ITU-T G.693/ ITUT G.695
315.		Jitter Tolerance	ITU-T G.8251
316.		Mean Total Input power	ITU-T G.959.1/ ITU-T G.693/ ITUT G.695
317.		Mean total Output Power	ITU-T G.959.1/ ITU-T G.693/ ITU-T G.695
318.		Nominal Bit Rate	G.709
319.		Output Jitter	ITU-T G.8251
320.		Receiver Overload	ITU-T G.959.1/ ITU-T G.693/ ITUT G.695
321.		Receiver Sensitivity	ITU-T G.959.1/ ITU-T G.693/ ITU-T G.695
322.	25 Gigabit Ethernet Optical (LR, SR & ER)	Average Launch Power for 25 GE Opt	IEEE 802.3- 2018
323.		Wavelength for 25 GE Opt	IEEE 802.3- 2018
324.		Receiver Sensitivity for 25 GE Opt	IEEE 802.3- 2018

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Electronics Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Telecommunication Equipment (For TEC CAB Designation)		
325.	50 Gigabit Ethernet Optical (FR, LR, SR & ER)	Average Launch Power for 50 GE Opt	IEEE 802.3cn
326.		Wavelength for 50 GE Opt	IEEE 802.3cn
327.		Receiver Sensitivity for 50 GE Opt	IEEE 802.3cn
328.	200 Gigabit Ethernet Optical (DR4, LR4, SR4 & FR4)	Average Launch Power for 200 GE Opt (DR4, LR4, SR4 & FR4)	IEEE 802.3cn
329.		Wavelength for 200 GE Opt	IEEE 802.3cn
330.		Receiver Sensitivity for 200 GE Opt Average launch power, each lane(max)	IEEE 802.3cn
331.	400 Gigabit Ethernet Optical (DR4, LR8, SR8 & FR8)	Average Launch Power for 400 GE Opt Average launch power, each lane	IEEE 802.3cn
332.		Wavelength for 400 GE Opt	IEEE 802.3cn
333.		Receiver Sensitivity for 400 GE Opt	IEEE 802.3cn

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile Materials		
1.	Woven –non woven Jute Geo-textiles-Strengthening of Sub-Grade in Roads	Sampling	IS14715(P-1):2016, Clause-5 IS 14706:1999
2.	Woven- non woven Jute Geo-textiles-Strengthening of Sub-Grade in Roads	Packing	IS14715(P-1) :2016, Clause-6 IS 4744:1991
3.	Woven-non woven Jute Geo textiles Strengthening	Construction	IS 14715(P-1) :2016, Clause-4 (Table-1)-I, Visual
4.		Weight at 20 percent moisture regain	IS14715(P-1) :2016, Clause-4 (Table-1)-ii, IS 14716:2021
5.		Width	IS 14715(P-1) :2016, Clause-4 (Table-1) –iii, IS 1954:2024
6.		Ends × Picks	IS 14715(P-1) :2016, Clause-4 (Table-1) –iv, IS 1963:1981
7.		Thickness at 2 kPa	IS 14715(P-1) :2016, Clause-4 (Table-1)-v, IS 13162(P-3):2021
8.		Tensile strength	IS 14715(P-1):2016, Clause-4 (Table-1) –vi, IS 13162(P-5):1992
9.		Elongation at break CD	IS 14715(P-1):2016, Clause-4 (Table-1)-vii, IS 13162(P-5):1992
10.		Puncture resistance	IS 14715(P-1) :2016, Clause-4 (Table-1) –viii, IS 13162(P-4):1992

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile Materials		
11.	Woven-non woven Jute Geo textiles Strengthening	Burst strength	IS 14715(P-1) :2016, Clause-4(Table-1)-ix, IS 1966(P-1&2):2022
12.		Apparent opening size (A.O.S.)	IS 14715(P-1) :2016, Clause-4 (Table-1)-xi, IS 14294:1995 Amd-1: 2003
13.		Width	IS 14715(P-1) :2016, Clause-4 (Table-2)-i, IS 1954:2024
14.		Mass	IS 14715(P-1) :2016, Clause-4 (Table-2)-ii, IS 15891(P-1):2011
15.		Thickness at 2 kPa	IS 14715(P-1) :2016, Clause-4 (Table-2)-iii, IS 15891(P-2):2011
16.		Tensile strength	IS 14715(P-1) :2016, Clause-4 (Table-2)-iv, IS 15891(P-3):2011
17.		Elongation at break	IS 14715(P-1) :2016, Clause-4 (Table-2)-v, IS 15891(P-3):2011
18.		Apparent opening size (A.O.S)	IS 14715(P-1) :2016, Clause-4 (Table-2)-vii, IS 14294:1995
19.		Marking	IS 14715(P-1) :2016, Clause-7,7.1

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile Materials		
20.	Woven-non woven Jute Geo-textiles-Strengthening of Sub-Grade in Roads	Installation Method	IS 14715(P-1) :2016,ANNEX B
21.	Woven Jute Geo- textiles - Control of Bank Erosion in Rivers and Waterways	Installation Method	IS 14715(P-2):2016, ANNEX B
22.		Sampling	IS 14715(P-2) :2016, Clause-5 IS 14706:1999
23.		Packing	IS 14715(P-2) :2016, Clause-6 IS 4744:1991
24.		Marking	IS 14715(P-2):2016, Clause-7,7.1, Visual.
25.		Construction	IS 14715(P-2) :2016, Clause-4 (Table-1)-i, Visual
26.		Weight at 20 percent moisture regain	IS 14715(P-2) :2016, Clause-4 (Table-1)-ii, IS 14716
27.		Width	IS 14715(P-2) :2016, Clause-4 (Table-1) –iii, IS 1954:2024
28.		Ends × Picks	IS 14715(P-2) :2016, Clause-4 (Table-1) –iv, IS 1963:1981
29.		Thickness at 2 kPa	IS 14715(P-2) :2016, Clause-4 (Table-1)-v, IS 13162(P-3):2021
30.		Tensile strength	IS 14715(P-2) :2016, Clause-4 (Table-1) –vi, IS 13162(P-5):1992

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile Materials		
31.	Woven Jute Geo- textiles - Control of Bank Erosion in Rivers and Waterways	Elongation at break	IS 14715(P-2) :2016, Clause-4 (Table-1)-vii, IS 13162(P-5):1992
32.	Woven Jute Geo- textiles - Control of Bank Erosion in Rivers and Waterways	Puncture resistance	IS 14715(P-2) :2016, Clause-4 (Table-1) –viii, IS 13162(P-4):1992
33.		Burst strength	IS 14715(P-2) :2016, Clause-4 (Table-1)-ix, IS 1966(P-1&2):2022
34.		Apparent opening size (A.O.S.)	IS 14715(P-2) :2016, Clause-4 (Table-1)-xi, IS 14294:1995 Amd-1: 2003
35.	Viscose Rayon Cut Staple (Spun) Yarn	General Requirements	IS 3566:2023, Clause-4, Annex B
36.	Viscose Rayon Cut Staple (Spun) Yarn (100 % Viscose Vortex/Air jet Yarn)	Count	IS 3566:2023, Clause -5.1(Table-1)- i, IS 1315:1997 Amd-1:2000
37.		Count CV	IS 3566:2023, Clause-5.1(Table-1)- ii, IS 1315:1997 Amd-1:2000
38.		CSP	IS 3566:2023, Clause-5.1 (Table-1)- iii, IS 1671:1977
39.		Lea breaking load CV	IS 3566:2023, Clause-5.1 (Table-1)- iv, IS 1671:1977
40.		Yarn tenacity	IS 3566:2023, Clause-5.1 (Table-1)- v, IS 1670:1991

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile Materials		
41.		Yarn tenacity CV	IS 3566:2023, Clause-5.1 (Table-1)-vi, IS 1670:1991
42.		Breaking elongation	IS 3566:2023, Clause-5.1 (Table-1)-vii, IS 1670:1991
43.		Unevenness, percent	IS 3566:2023, Clause-5.1 (Table-1)-viii, IS 16576:2022
44.		Unevenness CV	IS 3566:2023, Clause-5.1 (Table-1)-ix, IS 16576:2022
45.		Hairiness index	IS 3566:2023, Clause-5.1 (Table-1)-x, Annex C
46.	Viscose Rayon Cut Staple (Spun) Yarn (100 % Viscose Vortex/Air jet Yarn)	Imperfections	IS 3566:2023, Clause-5.1 (Table-1)-xi, IS 16576:2022
47.		Count	IS 3566, Clause -5.2 (Table-2)-i, IS 1315:1977 Amd-1:2000
48.		Count CV%	IS 3566:2023, Clause-5.2 (Table-2)-ii, IS 1315:1977 Amd-1:2000
49.		Twist per metre	IS 3566:2023, Clause-5.2 (Table-2)-iii, IS 832, (P1:2021 & 2:2011)
50.		CSP	IS 3566:2023, Clause-5.2 (Table-2)-iv, IS 1671:1977

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile Materials		
51.	Viscose Rayon Cut Staple (Spun) Yarn (100 % Viscose Ring Spun Yarn)	Lea breaking load CV %	IS 3566, Clause-5.2, Table-2-v IS 1671:1977
52.	Viscose Rayon Cut Staple (Spun) Yarn (100 % Viscose Ring Spun Yarn)	Yarn tenacity	IS 3566, Clause-5.2, (Table-2)-vi IS 1670:1991
53.		Yarn tenacity CV%	IS 3566:2023, Clause-5.2 (Table-2)-vii, IS 1670:1991
54.		Breaking Elongation	IS 3566:2023, Clause-5.2 (Table-2)-viii, IS 1670:1991
55.		Unevenness	IS 3566:2023, Clause-5.2 (Table-2)-ix, IS 16576:2022
56.		Unevenness CV	IS 3566:2023, Clause-5.2 (Table-2)-x, IS 16576:2022
57.		Hairiness index	IS 3566:2023, Clause-5.2 (Table-2)-xi, Annex C
58.		Imperfections	IS 3566:2023, Clause-5.2 (Table-2)-xii, IS 16576:2022
59.	Viscose Rayon Cut Staple (Spun) Yarn	Packing	IS 3566:2023, Clause-6, visual
60.		Marking	IS 3566:2023, Clause-7, Visual
61.		Sampling	IS 3566:2023, Clause-8; IS 4905:2015

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile Materials		
62.		Common defects of yarn on cones & hanks	IS 3566:2023, Annex B
63.	Cotton Bales	Sampling	IS 12171:2024, Clause-7 IS 4905:2015/ISO 24153
64.	Cotton Bales	Marking	IS 12171:2024, Clause-6, visual
65.	Cotton Bales	Moisture Content	IS 12171:2024, Clause-5.1.3 IS 199:1989
66.	Cotton Bales	Staple Length	IS 12171:2024, Clause-3.5 IS 233(P-4):2020
67.	Cotton Bales	Micronire value	IS 12171:2024, Clause-5.1.5 IS 3674:2020 Amd-1:2024
68.	Cotton Bales	Strength of Fibre	IS 12171:2024, Clause-5.1.4 IS 3675:2020
69.	Cotton Bales	Lint and Trash Content	IS 12171:2024, Clause-5.1.2 IS 4871:1968
70.	Cotton Bales	Span Length	IS 12171:2024, Clause-3.4 visual
71.	Open Weave Coir Bhoovastra	Mass per unit area	IS 15869:2020, Clause-5(Table-1)-i, IS 15868:2008 (Part-1 to 6)
72.	Open Weave Coir Bhoovastra	Width	IS 15869:2020, Clause-5(Table-1)-ii IS 12503:2020 (Part-1 to 6)
73.	Open Weave Coir Bhoovastra	Length	IS 15869:2020, Clause-5(Table-1)-iii IS 12503:2020 (Part-1 to 6)

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile Materials		
74.	Open Weave Coir Bhoovastra	Thickness at 20 kPa	IS 15869:2020, Clause-5 (Table-1)-vi IS 15868:2008 (Part-1 to 6)
75.	Open Weave Coir Bhoovastra	Runnage	IS 15869:2020, Clause-5 (Table-1)-v, IS 12503:2020 (Part-1 to 6)
76.	Open Weave Coir Bhoovastra	Break load, dry	IS 15869:2020, Clause-5 (Table-1)-vi, IS 16635:2017
77.	Open Weave Coir Bhoovastra	Break load, wet	IS 15869:2020, Clause-5 (Table-1)-vii, IS 16635:2017
78.	Open Weave Coir Bhoovastra	Peak load, dry	IS 15869:2020, Clause-5 (Table-1)-viii, IS 16635:2017
79.	Open Weave Coir Bhoovastra	Peak load, wet	IS 15869:2020, Clause-5 (Table-1)-ix, IS 16635:2017
80.	Open Weave Coir Bhoovastra	Trapezoidal tearing strength	IS 15869:2020, Clause-5 (Table-1)-x, IS 14293:1995
81.	Open Weave Coir Bhoovastra	Mesh size	IS 15869:2020, Clause-5 (Table-1)-xi, IS 15868 :2008(Part 1 to 6)
82.	Open Weave Coir Bhoovastra	Packing	IS 15869:2020, Clause-7
83.	Open Weave Coir Bhoovastra	Marking	IS 15869:2020, Clause-8
84.	Open Weave Coir Bhoovastra	Definitions	IS 15869:2020, Clause-3; IS 12503 :2020 Amd-1:2023 (Parts 1 to 6)
85.	Open Weave Coir Bhoovastra	Criteria for Conformity	IS 15869:2020, Clause-9.3

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile Materials		
86.	Geo-Textiles used as protection (or cushioning materials)	Definitions (AMD.1)	IS 16090:2013 Amd-1:2023, Clause-3; IS 13321-(P-1):2022/ISO 10318-1:2015
87.	Geo-Textiles used as protection (or cushioning materials)	Sampling And Criteria for conformity	IS 16090:2013 Amd-1:2023, Clause-6; IS 14706:1999
88.	Geo-Textiles used as protection (or cushioning materials)	Marking And Labelling	IS 16090:2013 Amd-1:2023, Clause-5, Visual
89.	Geo-Textiles used as protection (or cushioning materials)	Mass per unit area (AMD.1)	IS 16090:2013 Amd-1:2023, Clause-4.4,4.5,4.6 &6.4 (Table-1)-i IS 14716:2021 / ISO 9864
90.	Geo-Textiles used as protection (or cushioning materials)	Tensile strength (AMD.1)	IS 16090:2013 Amd-1:2023, Clause-4.4,4.5,4.6 &6.4 (Table-1)-ii IS 16635:2017/ISO 10319:2015
91.	Geo-Textiles used as protection (or cushioning materials)	Trapezoidal tear strength	IS 16090:2013 Amd-1:2023, Clause-4.4,4.5,4.6 &6.4 (Table-1)-iii IS 14293:1995
92.	Geo-Textiles used as protection (or cushioning materials)	CBR puncture resistance (AMD.1)	IS 16090:2013 Amd-1:2023, Clause-4.4,4.5,4.6 &6.4 (Table-1)-iv IS 16078:1986
93.	Geo-Textiles used as protection (or cushioning materials)	Maximum UV resistance (after 500 h exposure)	IS 16090:2013 Amd-1:2023, Clause-4.4,4.5,4.6 &6.4 (Table-1)-v IS 13162 (Part 2):1991

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile Materials		
94.	Geo-textiles used in Sub grade Stabilization in Pavement Structures	Definitions (AMD.1)	IS 16362:2020 Amd-1:2023, Clause-3 IS 13321-1:2022/ISO 10318-1:2015
95.		Sampling and criteria for conformity	IS 16362:2020 Amd-1:2023, Clause-5; IS 14706:1999
96.		Marking and labelling	IS 16362:2020 Amd-1:2023, Clause-6 visual
97.		Packing	IS 16362:2020 Amd-1:2023, Clause-7; visual
98.		Type of geo-textile	IS 16362:2020 Amd-1:2023, Clause-4.3 & 5.4(A)(Table-1)-i
99.		Roll length	IS 16362:2020 Amd-1:2023, Clause-4.3 & 5.4(A)(Table-1)-ii, IS 1954:2024
100.		Roll width	IS 16362:2020 Amd-1:2023, Clause-4.3 & 5.4(A)(Table-1)-iii, IS 1954:2024
101.		Grab strength	IS 16362:2020 Amd-1:2023, Clause-4.3 & 5.4(A)(Table-1)-iv, IS 16342:2015

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile Materials		
102.		Sewn seam strength	IS 16362:2020 Amd-1:2023, Clause-4.3 & 5.4(A)(Table-1)-v, IS 15060: 2018
103.		Trapezoidal tear strength	IS 16362:2020 Amd-1:2023, Clause-4.3 & 5.4(A)(Table-1)-vi, IS 14293: 1995
104.		CBR puncture strength	IS 16362:2020 Amd-1:2023, Clause-4.3 & 5.4(A)(Table-1)-vii, IS 16078: 2013
105.	Geo-textiles used in Sub grade Stabilization in Pavement Structures	Apparent opening size (AOS)	IS 16362:2020 Amd-1:2023, Clause-4.3 & 5.4(B)(Table-1)-ii, IS 14294:1995 Amd-1:2003
106.		Installation damage retained strength (AMD.1)	IS 16362:2020 Amd-1:2023, Clause-4.3 & 5.4(C)(Table-1:2020)-i, IS 17420:2020/ISO 10722:2019
107.		Ultraviolet stability at 500h, retained strength	IS 16362:2020 Amd-1:2023, Clause-4.3 & 5.4(C)(Table-1)-ii, IS 13162(P-2):1991
108.	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

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile Materials		
109.	Polyester Continuous Filament Fully Drawn Yarns	Un-eveness U (AMD 3)	IS 17261:2022 Amd-1 to 6:2024, Clause-6.1,6.2,8.3Table-3, IS 7703(P-5) :1987
110.	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
111.	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
112.	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
113.	Polyester Continuous Filament Fully Drawn Yarns	Freedom from Yarn Defects	IS 17261:2022 Amd-1 to 6:2024, Clause-6.3, Visual
114.	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
115.	Polyester Continuous Filament Fully Drawn Yarns	Sampling & criteria for conformity	IS 17261:2022 Amd-1 to 6:2024, Clause-9; IS 4905:2015
116.	Polyester Continuous Filament Fully Drawn Yarns	Packing	IS 17261:2022 Amd-1 to 6:2024, Clause-7 Visual

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile Materials		
117.	Polyester Continuous Filament Fully Drawn Yarns	Marking	IS 17261:2022 Amd-1 to 6:2024, Clause-8 Visual
118.	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
119.	Polyester Partially Oriented Yarn	Wound in waist (AMD3)	IS 17262:2022 Amd-1 to 5:2024, Clause-6.3.17 Visual
120.	Polyester Partially Oriented Yarn	Nominal linear density	IS 17262:2022 Amd-1 to 5:2024, Clause-6.1&8.2) (Table-3)-i, IS 7703(P-1):1990
121.	Polyester Partially Oriented Yarn	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
122.	Polyester Partially Oriented Yarn	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
123.	Polyester Partially Oriented Yarn	Interlace as nips per metre (AMD2)	IS 17262:2022 Amd-1 to 5:2024, Clause-6.1&8.2) (Table-3)-vi, Annex-B
124.	Polyester Partially Oriented Yarn	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

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile Materials		
125.	Polyester Partially Oriented Yarn	Ultraviolet resistance, 500 h Percent retained strength (AMD3)	IS 17262:2022 Amd-1 to 5:2024, Clause-6.2) (Table-4)-vi, Annex H
126.	Polyester Partially Oriented Yarn	Freedom from Yarn Defects	IS 17262:2022 Amd-1 to 5:2024, Clause-6.3) Visual
127.	Polyester Partially Oriented Yarn	Commercial Mass (AMD2)	IS 17262:2022 Amd-1 to 5:2024, Clause-6.6; IS 7703 (Part 3):1991
128.	Polyester Partially Oriented Yarn	Packing	IS 17262:2022 Amd-1 to 5:2024, Clause-7
129.	Polyester Partially Oriented Yarn	Marking	IS 17262:2022 Amd-1 to 5:2024, Clause-8
130.	Polyester Staples fibers	Freedom from Major Defects	IS 17263:2022 Amd-1 to 7:2024, Clause-6.2 visual
131.	Polyester Staples fibers	Dirt/Grease	IS 17263:2022 Amd-1 to 7:2024, Clause-6.2.1 visual
132.	Polyester Staples fibers	Damaged/Bumped Fibers	IS 17263:2022 Amd-1 to 7:2024, Clause-6.2.2 visual
133.	Polyester Staples fibers	Finish Oil Contamination	IS 17263:2022 Amd-1 to 7:2024, Clause-6.2.3, visual
134.	Polyester Staples fibers	Uneven Fluorescent Oil	IS 17263:2022 Amd-1 to 7:2024, Clause-6.2.4. visual
135.	Polyester Staples fibers	Slubs/Loops/Kinks (AMD6)	IS 17263:2022 Amd-1 to 7:2024, Clause-6.2.5 visual

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile Materials		
136.	Polyester Staples fibers	Other Foreign Materials	IS 17263:2022 Amd-1 to 7:2024, Clause-6.2.6 visual
137.	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
138.	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
139.	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
140.	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
141.	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
142.	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
143.	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

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile Materials		
144.	Polyester Staples fibers	Commercial Mass (AMD3)	IS 17263:2022 Amd-1 to 7:2024, Clause-6.5; IS 7703(P 3):1991
145.	Polyester Staples fibers	Sampling	IS 17263:2022 Amd-1 to 7:2024, Clause-9; IS 4905:2015
146.	Polyester Staples fibers	Marking	IS 17263:2022 Amd-1 to 7:2024, Clause-8
147.	Polyester industrial yarns	Freedom from Yarn Defects	IS 17264:2022 Amd-1 to 3:2023, Clause-6.3 Visual
148.	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
149.	Polyester industrial yarns	Tenacity	IS 17264:2022 Amd-1 to 3:2023, Clause-6.1,8.2 Table-3, IS 7703(P-2):1990
150.	Polyester industrial yarns	Elongation	IS 17264:2022 Amd-1 to 3:2023, Clause-6.1,8.2 Table-3, IS 7703(P-2):1990
151.	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
152.	Polyester industrial yarns	Commercial Mass (AMD2)	IS 17264:2022 Amd-1 to 3:2023, Clause-6.5; IS 7703(P-3):1991

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile Materials		
153.	Polyester industrial yarns	Packing	IS 17264:2022 Amd-1 to 3:2023, Clause-7
154.	Polyester industrial yarns	Marking	IS 17264:2022 Amd-1 to 3:2023, Clause-8
155.	100% Polyester spun grey & white yarns	Linear density	IS 17265:2023 Amd-1 :2024, Clause-6.1,6.2,8.2 (Table-3)-i, IS 1315:1977 Amd-1:2000
156.	100% Polyester spun grey & white yarns	Twist per metre	IS 17265:2023 Amd-1 :2024, Clause-6.1,6.2,8.2 (Table-3)-ii, IS 832(P 1:2021&2:2011)
157.	100% Polyester spun grey & white yarns	tenacity	IS 17265:2023 Amd-1 :2024, Clause-6.1,6.2,8.2 (Table-3)-iii, IS 1670:1991
158.	100% Polyester spun grey & white yarns	Elongation	IS 17265:2023 Amd-1 :2024, Clause-6.1,6.2,8.2 (Table-3)-iv, IS 1670:1991
159.	100% Polyester spun grey & white yarns	Count strength product (CSP)	IS 17265:2023 Amd-1 :2024, Clause-6.1,6.2,8.2 (Table-3)-v, IS 1671:1977
160.	100% Polyester spun grey & white yarns	Yarn hairiness index,	IS 17265:2023 Amd-1 :2024, Clause-6.1,6.2,8.2 (Table-3)-vi, Annex B

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile Materials		
161.	100% Polyester spun grey & white yarns	Ultraviolet resistance, 500 hr. % retained strength	IS 17265:2023 Amd-1 :2024, Clause-6.1,6.2 (Table-4)-v, IS 13162(P-2):1991
162.	100% Polyester spun grey & white yarns	Unevenness	IS 17265:2023 Amd-1 :2024, Clause-6.4 IS 16576:2022
163.	100% Polyester spun grey & white yarns	Commercial Mass (AMD1)	IS 17265:2023 Amd-1 :2024, Clause-6.6 IS 7703(P-3):1991
164.	100% Polyester spun grey & white yarns	Packing	IS 17265:2023 Amd-1 :2024, Clause-7
165.	100% Polyester spun grey & white yarns	Marking	IS 17265:2023, Amd-1 :2024 Clause-8
166.	100% Polyester spun grey & white yarns	Sampling	IS 17265:2023 Amd-1 :2024s, Clause-9 IS 4905:2015
167.	Viscose staple fibres	Abnormal Fiber and Other Matters	IS 17266:2019 Amd. 1:2020,2:2021, Clause-3.2
168.	Viscose staple fibres	Freedom from Defects	IS 17266:2019 Amd. 1:2020,2:2021, Clause-4.3
169.	Viscose staple fibres	Commercial Mass	IS 17266:2019 Amd. 1:2020,2:2021, 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 Materials		
170.	Viscose staple fibres	Packing	IS 17266:2019 Amd. 1:2020,2:2021, Clause-5; IS 10415:1992
171.	Viscose staple fibres	Marking	IS 17266:2019 Amd. 1:2020,2:2021, Clause-6
172.	Viscose staple fibres	Linear density	IS 17266:2019 Amd. 1:2020,2:2021, Clause-4.2 (Table-1)-i, IS 234:2013
173.	Viscose staple fibres	Tenacity	IS 17266:2019 Amd. 1:2020,2:2021, Clause-4.2 (Table-1)-ii, IS 235:2023
174.	Viscose staple fibres	Length	IS 17266:2019 Amd. 1:2020,2:2021, Clause-4.2 (Table-1)-iv, IS 4807:1968 Amd. 2:1993
175.	Viscose staple fibres	Spinning faults	IS 17266:2019 Amd. 1:2020,2:2021, Clause-4.2 (Table-1)-v, Visual
176.	Viscose staple fibres	Shirley faults	IS 17266:2019 Amd. 1:2020,2:2021, Clause-4.2 (Table-1)-vi, IS 4871:1968
177.	Water Proof multipurpose rain poncho convertibility bivouac	Stitching	IS 17286:2019, Clause-4, IS 4229:2024
178.		Freedom from defect	IS 17286:2019, Clause-4, Visual
179.		Nature of fiber/filament	IS 17286:2019, Clause-6.1, (Table-1)-i, IS 667:1981

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile Materials		
180.		Nature of coating	IS 17286:2019, Clause-6.1, (Table-1)-ii, Annex B
181.		Width	IS 17286:2019, Clause-6.1, (Table-1)-iii, IS 1954:2024
182.		End	IS 17286:2019, Clause-6.1, (Table-1)-iv, IS 1963:1981
183.		Picks	IS 17286:2019, Clause-6.1, (Table-1)-v, IS 1963:1981
184.		Mass	IS 17286:2019, Clause-6.1, (Table-1)-vi, IS 1964:2001
185.		Mass of de-proofed fabric	IS 17286:2019, Clause-6.1, (Table-1)-vii, IS 1964:2001-Annex C
186.		Breaking strength (strip test)	IS 17286:2019, Clause-6.1, (Table-1)-viii, IS 7016(P-2):2022 Annex C
187.		Tearing strength	IS 17286:2019, Clause-6.1, (Table-1)-ix, IS 7016(P-3):1981
188.	Water Proof multipurpose rain poncho convertibility bivouac	Accelerated ageing	IS 17286:2019, Clause-6.1, (Table-1)-xiv, IS 7016(P-8):2023
189.		Low temperature	IS 17286:2019, Clause-6.1, (Table-1)-xv, IS 7016(P-10):2022
190.		Damage by flexing	IS 17286:2019, Clause-6.1, (Table-1)-xvi, IS 7016(P-4):2003

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile Materials		
191.		Blocking	IS 17286:2019, Clause-6.1, (Table-1)-xvii, IS 7016(P-9):2003
192.		Bending length	IS 17286:2019, Clause-6.1, (Table-1)-xxiii, IS 6490:1971
193.		Separation of polyurethane (PU) film	IS 17286:2019, Clause-6.1, (Table-1)-xxiv, visual
194.		Length	IS 17286:2019, Clause-6.2, (Table-2)-ii, IS 1954:2024
195.		Mass per linear metre	IS 17286, Clause-6.2, (Table-2)-iii, IS 1964:2001
196.		Breaking strength	IS 17286:2019, Clause-6.2, (Table-2)-iv, IS 1969-1:2018
197.		Number of ends in full width	IS 17286:2019, Clause-6.3, (Table-3)-ii, IS 1963:1981
198.		Number of picks	IS 17286:2019, Clause-6.3, (Table-3)-iii, IS 1963:1981
199.	Water Proof multipurpose rain poncho convertibility bivouac	Width	IS 17286:2019, Clause-6.3, (Table-3)-iv, IS 1954:2024
200.		Mass per linear metre	IS 17286:2019, Clause-6.3, (Table-3)-v, IS 1964:2001
201.		Packing	IS 17286:2019, Clause-8, IS 1912:2023

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile Materials		
202.		Sampling	IS 17286:2019, Clause-9
203.		Requirements	IS 17286:2019, Clause-6, IS 4181:1967, IS 8156:2014
204.		Seam strength	IS 17286:2019, Clause-3.2, IS/ISO 13935(P-1):2014
205.	Bed sheet and pillow cover	Packing and sterilization	IS 17630:2021, Clause-8,8.2 IS/ISO 11607-1&2:2019, IS/ISO 11135:2014 Amd-1:2023, IS/ISO 11137-1:2006 &2:2013 Amd-1:2024, ISO 11138-7:2017, IS/ISO 10993-7:2008, ISO 17665-1:2006
206.	Bed sheet and pillow cover	Marking	IS 17630:2021, Clause-9
207.	Bed sheet and pillow cover	Sampling	IS 17630:2021, Clause-10 IS 4905:2015
208.	Bed sheet and pillow cover	Pilling resistance	IS 17630:2021, Clause-6, (Table-1)-vi, IS 10971(P-2):2022
209.	Bed sheet and pillow cover	Tensile strength	IS 17630:2021, Clause-7.1, (Table-2)-i, non-woven-IS 15891-3:2011, Woven-IS 1969-1:2018 Amd-1:2022
210.	Bed sheet and pillow cover	Bursting strength	IS 17630:2021, Clause-7.1, (Table-2)-ii, IS 1966-1:2022

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile Materials		
211.	Bed sheet and pillow cover	Seam strength	IS 17630:2021, Clause-7.1, (Table-2)-iii, Nonwoven: IS 15891 (P-18):2017, Woven: IS/ISO 13935 (P-1):2014
212.	Bed sheet and pillow cover	Particle release [log10 (lint count)]	IS 17630:2021, Clause-7.1, (Table-2)-vii, Nonwoven: IS 15891 (P-10):2017,
213.	Continuous Filament Polyamide (Nylon Yarn)	Sampling	IS 7867:2024, Clause-8,8.1, IS 7703-4:1981
214.	Continuous Filament Polyamide (Nylon Yarn)	Packing	IS 7867:2024, Clause-5,5.1, IS 2195:1964 Amd-1:1966
215.	Continuous Filament Polyamide (Nylon Yarn)	Linear density	IS 7867:2024, Clause 3.1 (Table 1) i, IS 7703-1:1990
216.	Continuous Filament Polyamide (Nylon Yarn)	Tenacity	IS 7867:2024, Clause-3.1 (Table 1) ii, IS 7703-2:1990
217.	Continuous Filament Polyamide (Nylon Yarn)	Elongation	IS 7867:2024, Clause-3.1 (Table 1) iii, IS 7703-2:1990
218.	Continuous Filament Polyamide (Nylon Yarn)	Unevenness	IS 7867:2024, Clause-3.1 (Table 1) iv, IS 7703-5:1987
219.	Continuous Filament Polyamide (Nylon Yarn)	Commercial mass	IS 7867:2024, Clause-3.1 (Table 1) v, IS 7703-3:1991
220.	Continuous Filament Polyamide (Nylon Yarn)	Broken filaments	IS 7867:2024, Clause-3.1 (Table 1) viii, Visual

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile Materials		
221.	Continuous Filament Polyamide (Nylon Yarn)	Undrawn yarn	IS 7867:2024, Clause-3.1 (Table 1) ix, Visual
222.	Non-woven Fabric for Wipes	Weight per square metre, g/m	IS 17788:2021, Table(ii), clause-6.1, IS 15891(P-1):2011
223.	Non-woven Fabric for Wipes	Breaking strength (dry)	IS 17788:2021, Table(iv), clause-6.1, IS 15891(P-18)
224.	Non-woven Fabric for Wipes	Breaking strength (wet)	IS 17788:2021, Table(v), clause-6.1, IS 15891(P-18):2017
225.	Non-woven Fabric for Wipes	Length and width, mm	IS 17788:2021, Table(v), clause-6.1
226.	Bedsheets, Pillow cover & Blanket cover	Count of yarn(warp)	IS 18739:2024, Table-1, clause-3.1, IS 3442:2023
227.	Bedsheets, Pillow cover & Blanket cover	Count of yarn(weft)	IS 18739:2024, Table-1, clause-3.1 IS 7703-1:1990
228.	Bedsheets, Pillow cover & Blanket cover	Weave	IS 18739:2024, Table-1, clause-3.1
229.	Bedsheets, Pillow cover & Blanket cover	Ends/Picks cm	IS 18739:2024, Table-1, clause-3.1 IS 1963:1981
230.	Bedsheets, Pillow cover & Blanket cover	Mass g/m ²	IS 18739:2024, Table-1, Clause-3.1 IS 1964:2001
231.	Bedsheets, Pillow cover & Blanket cover	Breaking Load on 5 cm × 20 cm Strip (Ravelled Strip Method) warp/weft	IS 18739:2024, Table-2, clause-3.1 IS 1969-1:2018 Amd-1:2022

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile Materials		
232.	Bedsheets, Pillow cover & Blanket cover	Tear Strength(warp/weft)	IS 18739:2024:2024, Table-2, clause-3.1 IS 6489-1:2011
233.	Bedsheets, Pillow cover & Blanket cover	Resistance to pilling for 1000 cycles	IS 18739:2024, Table-2, clause-3.1 IS 10971-1:2022
234.	Bedsheets, Pillow cover & Blanket cover	Freedom form defects	IS 18739:2024, Annex-B, Clause-3.3
235.	Cotton Towelling & Towels (Terry Towelling)	Count of Yarn	IS 7056:2024, Table-1, clause-3.1 IS 1315:1977 Amd-1:2000
236.	Cotton Towelling & Towels (Terry Towelling)	Threads per dm	IS 7056:2024, Table-1, clause-3.1 IS 1963:1981
237.	Cotton Towelling & Towels (Terry Towelling)	Mass g/m ²	IS 7056:2024, Table-1, clause-3.1 IS 1964:2001
238.	Cotton Towelling & Towels (Terry Towelling)	Terry Ratio	IS 7056:2024, Table-1, clause-3.1 ANNEX-J
239.	Cotton Towelling & Towels (Huck-a-Back Towelling)	Count of Yarn	IS 7056:2024, Table-2, clause-3.1 IS 1315:1977 Amd-1:2000
240.	Cotton Towelling & Towels (Huck-a-Back Towelling)	Threads per dm	IS 7056:2024, Table-2, clause-3.1 IS 1963:1981
241.	Cotton Towelling & Towels (Huck-a-Back Towelling)	Mass g/m ²	IS 7056:2024, Table-2, clause-3.1 IS 1964:2001
242.	Cotton Towelling & Towels (Fabric)	Breaking load on 5.0cm x 20cm strips	IS 7056:2024, Table-3, clause-3.2.1 IS 1969-1:2018 Amd-1:2022
243.	Cotton Towelling & Towels	Freedom form Defects	IS 7056:2024, clause-3.3

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile Materials		
			IS 14466:1997 Amd-1:1999
244.	Textile Fabric & garment, Textile Products & Accessories	Martindale Abrasion	ASTM D4966:2022; ISO 12947-1:1998; ISO 12947-2:2016; ISO 12947-3:1998; ISO 12947-4:1998
245.	Textile Fabric & garment, Textile Products & Accessories	Martindale Pilling	ASTM D4970:2022 ISO 12945-2:2020 IS 10971-2:2022
246.	Textile Fabric & garment, Textile Products & Accessories	Random Tumble Pilling	ASTM D3511:16(2022) ASTM D3512:2022 ISO 12945-3:2020
247.	Textile Fabric & garment, Textile Products & Accessories	GSM	ASTM 3776:2020 Option C&D BS EN 12127:1998 ISO 3801:1977 SASO ISO 3801:1977
248.	Textile Fabric & garment, Textile Products & Accessories	Bursting strength (Pneumatic)	ASTM-D 3786 :2023; ISO 13938-1:2019; ISO 13938-2:2019; SASO ISO 13938-1:2019; SASO ISO 13938-2:2019
249.	Textile Fabric & garment, Textile Products & Accessories	ICI Pilling	ISO 12945-1:2020; SASO ISO 12945-1:2020; IS 10971-1:2022
250.	Textile Fabric & garment, Textile Products & Accessories	Stretch & Recovery	ASTM D3107:2019, ASTM D 4964:96:2020; ASTM D2594:2021

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile Materials		
251.	Textile Fabric & garment, Textile Products & Accessories	Determination of the elasticity of fabric strip test	BS EN 14704-1 Method-A:2005
252.	Textile Fabric & garment, Textile Products & Accessories	Tear Strength (Elmendorf)	ASTM D1424:2021 ISO 13937-1:2000 SASO ISO 13937-1:2000
253.	Textile Fabric & garment, Textile Products & Accessories	Tear Strength	ASTMD 2261:2024; ISO 13937-2:2000 SASO ISO 13937-2:2000
254.	Textile Fabric & garment, Textile Products & Accessories	Tensile Strength	ASTM D5034:2021; ASTM D5035:2024 ISO 13934-1:2013; ISO 13934-2:2014 SASO ISO 13934-1:2013 SASO ISO 13934-2:2014
255.	Textile Fabric & garment, Textile Products & Accessories	Construction	ASTM D3775:2017 (R-2023); ASTM D8007:2019; ISO 7211-2:2024; BS EN 1049-2:1994; BS 5441:1988+A1:2019 ASTM D3887:96(R-2008)
256.	Textile Fabric & garment, Textile Products & Accessories	Seam Slippage & Strength	ASTM 1683:2022 ISO 13935-1:2014 ISO 13935-2:2014 ISO 13936-1:2004

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile Materials		
			ISO 13936-2:2004 SASO ISO 13936-1:2004 SASO ISO 13936-2:2004 SASO ISO 13935-1:2014 SASO ISO 13935-2:2014 ASTM D4034-19
257.	Textile Fabric & garment, Textile Products & Accessories	Count	ASTM 1059:2017(R-2022) ISO 7211-5:2020 IS 3442:2023
258.	Textile Fabric & garment, Textile Products & Accessories	Slide fastness (Zipper) test	ASTM 2061:2021 ASTM 2062:2021 BS 3084:2006 EN BS 16732:2015
259.	Textile Fabric & garment, Textile Products & Accessories	Button Impact	ASTM 5171:2020
260.	Textile Fabric & garment, Textile Products & Accessories	Tuft Attachment	ISO 4919:2012 SASO ISO 4919:2012
261.	Textile Fabric & garment, Textile Products & Accessories	Button pull test	16 CFR 1500.51-53
262.	Disposable Baby Diaper-Specification	Material a) top cover or the top sheet, b) absorbent core,	Clause-3, 3.1, 3.2, 3.3 of IS:17509:2021

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile Materials		
		c) outer protective barrier or back sheet	
263.	Disposable Baby Diaper-Specification	Fastening and Securing Mechanism	Clause-4, 4.1, 4.2, 4.3 of IS:17509:2021
264.	Disposable Baby Diaper-Specification	Workmanship and Finish	Clause-5 of IS 17509:2021
265.	Disposable Baby Diaper-Specification	Types And Size	Clause-6, 6.1 of IS:17509:2021
266.	Disposable Baby Diaper-Specification	Dimensions of Baby Diaper (Diaper length)	Clause-6.2 of IS:17509:2021
267.	Disposable Baby Diaper-Specification	Dimensions of Baby Diaper (Diaper width)	Clause-6.2 of IS:17509:2021
268.	Disposable Baby Diaper-Specification	Dimensions of Baby Diaper (Diaper crotch)	Clause-6.2 of IS:17509:2021
269.	Disposable Baby Diaper-Specification	Dimensions of Baby Diaper (Absorbent core length)	Clause-6.2 of IS:17509:2021
270.	Disposable Baby Diaper-Specification	Dimensions of Baby Diaper (Absorbent core width back)	Clause-6.2 of IS:17509:2021
271.	Disposable Baby Diaper-Specification	Dimensions of Baby Diaper (Absorbent core width front)	Clause-6.2 of IS:17509:2021
272.	Disposable Baby Diaper-Specification	Dimensions of Baby Diaper (core crotch)	Clause-6.2 of IS:17509:2021

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile Materials		
273.	Disposable Baby Diaper-Specification	Minimum Absorption Capacity test	Clause-7, 7.2 of IS:17509:2021
274.	Disposable Baby Diaper-Specification	Rate of Absorption per gush	Clause-7, 7.2 of IS:17509:2021
275.	Disposable Baby Diaper-Specification	Rewet under load test	Clause-7, 7.2 of IS:17509:2021
276.	Disposable Baby Diaper-Specification	Marking and packing	Clause-9, 10 of IS:17509:2021
277.	Garment & Apparel, Carpet & Rugs, Coated Fabrics, Industrial Textiles, Protective Textiles, Sport Textiles, Upholstery Fabrics, Textile Accessories & Others	Blanket Flammability	ASTM D 4151-18
278.		Flammability of Children's sleepwear sizes 0 through 6x (FF 3-71)	16 CFR 1615
279.		Flammability of Children's sleepwear sizes 7 through 14 (FF 5-74)	16 CFR 1616
280.		Flammability of general Clothing Textiles	ASTM D 1230
281.		Flammability of general Clothing Textiles	CPSC CFR 16 Part 1610
282.		Surface Flammability of Carpets & rugs	16 CFR 1630

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile Materials		
283.	Garment & Apparel, Carpet & Rugs, Coated Fabrics, Industrial Textiles, Protective Textiles, Sport Textiles, Upholstery Fabrics, Textile Accessories & Others	Surface Flammability of Carpets & rugs	16 CFR 1631
284.		Flammability of general Clothing Textiles	CAN/CGSB-4.2, No. 27.5:2008
285.		Flammability	GB/T 14644 (Curtain: GB/T 5455) EN ISO 12952-1
286.		Flammability of Solids	16 CFR 1500.44 / 16 CFR 1500.3(c) (6)(vi)
287.		Attachment Strength	GB 31701 Annex A
288.		Small Parts, Sharp Points & Edges	16 CFR 1500.48 & 49 / ASTM F963-17 Sec. 4.7 & 4.9 (Mod) SOR/2011-17 Sec. 7, SOR/2011-17 Sec. 8, SOR/2011-17 Sec. 9; EN-71-1 Clause 4.7,4.8,8.2
289.		Bumper thickness in infant bedding and related accessories	ASTM F1917-23 Sec 6.2 & 7.3
290.	Garment & Apparel, Carpet & Rugs, Coated Fabrics, Industrial Textiles, Protective Textiles, Sport Textiles, Upholstery Fabrics, Textile Accessories & Others	Bumper guards in infant bedding and related accessories	ASTM F1917-23 Sec 5.4
291.		Bumper pad tie strength in infant bedding and related accessories	ASTM F1917-23 Sec 6.3 & 7.4
292.		Tensile Strength	GB/T 3923.1

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile Materials		
293.		Abrasion Resistance	ASTM D3884; ASTM D4157-13 (R2022)
294.		Pilling Resistance	GB/T 4802.2
295.	Garment & Apparel, Carpet & Rugs, Coated Fabrics, Industrial Textiles, Protective Textiles, Sport Textiles, Upholstery Fabrics, Textile Accessories & Others	Velcro closure	ASTM F963-17
296.		Peel and shear strength of hook and loop fasteners	Peel: ASTM D5170 Shear: ASTM D5169
297.		Pile Loss	GB/T 22798
298.		Resistance to snapping and unsnapping of snap fasteners	ASTM D4846
299.		Material a) cover or the top sheet, b) absorbent core, c) Barrier or Bottom sheet	Clause-3, 3.1, 3.2, 3.3 of IS:5405:2019
300.	Sanitary Napkins- Specification	Type and Shapes of Sanitary Napkins	Clause-4, 4.1, 4.2, of IS:5405:2019
301.		Dimensions of Sanitary Napkins (Pad length)	Clause-5 of IS: 5405:2019
302.		Dimensions of Sanitary Napkins (Pad width)	Clause-5 of IS: 5405:2019
303.		Manufacture, Workmanship and Finish	Clause-6, 6.1, 6.2 of IS: 5405:2019

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile Materials		
304.		Ability to Withstand Pressure after Absorption	Clause-7.2 Annex-B of IS: 5405: 2019
305.	Garment & Apparel, Carpet & Rugs, Coated Fabrics, Industrial Textiles, Protective Textiles, Sport Textiles, Upholstery Fabrics, Textile, Leather Accessories & Others	Pile retention	ASTM D4685-15(2020)
306.	Textile, Textile Products & Leather	Yarn size	ASTM D1059-01
307.		Fabric weight	ASTM D3776-09a (R2017)
308.		Fabric counts of woven fabric	ASTM D3775-12
309.		Fabric counts of knit fabric	ASTM D3887-96 R2008 sec 12
310.		Breaking strength of textile fabrics: grab test	ASTM D5034-09 (R2017)
311.		Bursting strength of textile fabrics: diaphragm method	ASTM D3786-13
312.		Tearing strength: Elmendorf apparatus	ASTM D1424-09 R2013e1
313.		Resistance to Yarn Slippage at the Sewn Seam in Woven Upholstery Fabrics	ASTM D4034-92

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	Textile Materials		
314.		Pilling resistance: Martindale pressure tester method	ASTM D4970-16e2
315.		Pilling resistance: Brush pilling tester method	ASTM D3511-16
316.		Pilling resistance: Foreign Fiber Entrapment test	ASTM D3511-16 (Mod)
317.		Pile retention of pile fabrics	ASTM D4685-15
318.	Textile, Textile Products & Leather	Abrasion resistance of textile fabrics	ASTM D4157-13 (R2017)
319.		Seam strength	ASTM D1683-17e1 (Mod)
320.		Failure in sewn seams: woven fabric	ASTM D1683-17e1
321.		Operability of zippers	ASTM D2062-03 R2009
322.		Strength tests for zippers	ASTM D2061-07 R2013
323.		Tensile strength	ASTM D5034-09 (R2017)
324.		Freedom from Yarn Defects	IS 17265:2023 Amd-1, Clause-6.3
325.	100% Polyester spun grey & white yarns	Yarn Imperfection	IS 17265:2023 Amd-1, Clause-6.4
326.		Objectionable Faults	IS 17265:2023 Amd-1, Clause-6.5 Table-6 Annex-F

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	Textile Materials		
327.	Cotton Toweling & Towels (Terry Toweling)	Sizes	IS 7056:2024, Table-4, clause-3.4
328.		Heading	IS 7056:2024, Table-4, clause-3.5
329.		Sewing Thread	IS 7056:2024, clause-3.6, IS 1315.
330.		Transverse Ends or End Hems	IS 7056:2024, clause-3.7, Visual
331.		Side Edges	IS 7056:2024, clause-3.8, Visual
332.		Stitching	IS 7056:2024, clause-3.9, Visual
333.	Continuous Filament Polyamide(Nylon Yarn)	Linear density	IS 7867:2024, Clause-5.1&7.3, Table-2, 3&4 IS-7703-1
334.		Tenacity	IS 7867:2024, Clause-5.1&7.3, Table-2, 3&4 IS-7703-2, Dry Method
335.		Elongation at Break	IS 7867:2024, Clause-5.1&7.3, Table-2, 3&4 IS-7703-2, Dry Method
336.		Unevenness of Linear density	IS 7867:2024, Clause-5.1&7.3, Table-2, 3&4 IS-7703-5.
337.		Limiting Oxygen Index	IS 7867:2024, Clause-5.1&7.3, Table-2, 3&4 IS-13501
338.		Ultraviolet resistance, UV-B lamp, 144 h, Percent retained strength	IS 7867:2024, Clause-5.1&7.3, Table-2, 3&4 IS-16481 Annex-F.

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile Materials		
339.	Continuous Filament Polyamide(Nylon Yarn)	Interlace in Nips Per meter	IS 7867:2024,Clause-5.1&7.3,Table-2- Note-5&Table-4 Note-2 IS-17262 Annex-B
340.		Freedom From Yarn Defects	IS 7867:2024,Clause-5.2, Visual
341.		Commercial Mass	IS 7867:2024,Clause-5.3 IS-7703-3
342.	Textile Fabric & garment, Textile Products & Accessories	Assessment of pilling, fuzzing and matting by visual analysis	ISO-12945-4:2020
343.		Tear strength	IS-6489-1:2011(Reaffirmed Year :2021)
344.		Seam slippage	IS/ISO 13936-2:2004(Reaffirmed Year :2021)
345.		Abrasion resistance	IS 12673 (Part 2):2022
346.	Geo synthetics- Geo textiles for Sub surface Drainage Sub-grade Separation Sub grade	Type of geo textile	IS 16362:2024 clause- 5.2,6.1.2,6.2.3,6.3.2,6.4.3,8.4 & Table-1,2,3,4 & 5,6-Visual
347.	Stabilization Filtration and Erosion Control (In Hard Armor Systems)Applications - Specification	Roll length	IS 16362:2024 clause- 5.2,6.1.2,6.2.3,6.3.2,6.4.3,8.4 & Table-1,2,3,4 & 5-IS 1954
348.		Roll width	IS 16362:2024 clause- 5.2,6.1.2,6.2.3,6.3.2,6.4.3,8.4 & Table-1,2,3,4 & 5-IS 1954

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile Materials		
349.		Grab strength	IS 16362:2024 clause-5.2,6.1.2,6.2.3,6.3.2,6.4.3,8.4 & Table-1,2,3,4 & 5-IS 16342
350.		Sewn seam strength	IS 16362:2024 clause-5.2,6.1.2,6.2.3,6.3.2,6.4.3,8.4 & Table-1,2,3,4 & 5-IS 15060
351.	Geo synthetics- Geo textiles for Sub surface Drainage Sub-grade Separation Sub grade	Trapezoidal tear strength	IS 16362:2024 clause-5.2,6.1.2,6.2.3,6.3.2,6.4.3,8.4 & Table-1,2,3,4 & 5-IS 14293
352.	Stabilization Filtration and Erosion Control (In Hard Armor Systems)Applications - Specification	CBR puncture strength	IS 16362:2024 clause-5.2,6.1.2,6.2.3,6.3.2,6.4.3,8.4 & Table-1,2,3,4 & 5-IS 16078
353.		Abrasion strength	IS 16362:2024 clause-5.2,6.1.2,6.2.3,6.3.2,6.4.3,8.4 & Table-1,2,3,4 & 5-IS 14714
354.	Geo synthetics- Geo textiles for Sub surface Drainage Sub-grade Separation Sub grade	Resistance to installation damage, percent retained strength, SC/SW/GP	IS 16362:2024 clause-5.2,6.1.2,6.2.3,6.3.2,6.4.3,8.4 & Table-1,2,3,4 & 5-IS 17420
355.	Stabilization Filtration and Erosion Control (In Hard Armor	Ultraviolet stability at 500 h, retained strength, percent of original strength	IS 16362:2024 clause-5.2,6.1.2,6.2.3,6.3.2,6.4.3,8.4 & Table-1,2,3,4 & 5-IS 13162-2

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile Materials		
356.	Systems)Applications - Specification	Geo textile class	IS 16362:2024 clause-5.2,6.1.2,6.2.3,6.3.2,6.4.3,8.4 & Table-2,3,4 & 5-visual
357.		AOS ^{2,3} Apparent opening size	IS 16362:2024 clause-1,5,2,6.1.2 & 8.4 Table-2,3,4 & 5-IS 14294
358.		Type of geo textile	IS 16362:2024 clause-5.2,7.2 & 8.4 & Table-6 visual
359.		Roll length	IS 16362:2024 clause-5.2,7.2 & 8.4 & Table-6 visual
360.		Roll width	IS 16362:2024 clause-5.2,7.2 & 8.4 & Table-6 visual
361.		Elongation at break, Percentage	IS 16362:2024 clause-5.2,7.2 & 8.4 & Table-6 –IS 16342
362.		Grab strength	IS 16362:2024 clause-5.2,7.2 & 8.4 & Table-6 –IS 16342
363.	Geo synthetics- Geo textiles for Sub surface Drainage Sub-grade Separation Sub grade Stabilization Filtration and Erosion Control (In Hard Armor	Trapezoidal tear strength	IS 16362:2024 clause-5.2,7.2 & 8.4 & Table-6 –IS 14293
364.		CBR puncture strength	IS 16362:2024 clause-5.2,7.2 & 8.4 & Table-6 –IS 16078
365.		Apparent opening size	IS 16362:2024 clause-5.2,7.2 & 8.4 & Table-6 –IS 14294

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile Materials		
366.	Systems)Applications - Specification	Abrasion strength, percentage retained strength in breaking load	IS 16362:2024 clause-5.2,7.2 & 8.4 & Table-6 –IS 14714
367.		Resistance to UV light weathering, Percentage retained in strength breaking load after 500 h UV exposure	IS 16362:2024 clause-5.2,7.2 & 8.4 & Table-6 –IS 13162-2
368.		Minimum retained ultimate tensile strength (for 100 years' service life), percent	IS 16362:2024 clause-5.2,7.2 & 8.4 & Table-6 –ANNEX-C
369.	Textiles — High Density Polyethylene (HDPE)/ Polypropylene (PP) Woven Sacks for Packaging 10 kg, 15 kg, 20 kg, 25 kg and 30 kg; Food grains — Specification	Mass of Bale	IS 16208:2015(A-1 to 3), Clause-4.2,5.1,5.2, Table-1, Annex-B.
370.		Dimensions in cm	IS 16208:2015(A-1 to 3), Clause-4.2,5.1,5.2, Table-1, Annex-B.
371.		Ends Per dm	IS 16208:2015(A-1 to 3), Clause-4.2,5.1,5.2, Table-1, Annex-B.
372.		Picks Per dm	IS 16208:2015(A-1 to 3), Clause-4.2,5.1,5.2, Table-1, Annex-B.
373.		Mass of sack	IS 16208:2015(A-1 to 3), Clause-4.2,5.1,5.2, Table-1, IS 1964.
374.	Textiles — High Density	Average Breaking Strength of Fabric	IS 16208:2015(A-1 to 3) clause-4.2,5.1,5.2, Table-1, IS 1969-1.

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile Materials		
375.	Polyethylene (HDPE)/ Polypropylene(PP) Woven Sacks for Packaging 10 kg, 15 kg, 20 kg, 25 kg and 30 kg Food grains — Specification	Minimum breaking strength of bottom seam	IS 16208:2015(A-1 to 3) clause- 4.2,5.1,5.2, Table-1, IS 9030.
376.		Elongation at break of the fabric	IS 16208:2015(A-1 to 3) clause- 4.2,5.1,5.2, Table-1, IS 1969-1.
377.		Breaking strength of fabric after exposure to UV-radiation and weathering	IS 16208:2015(A-1 to 3) clause- 4.2,5.1,5.2, Table-1, Annex-C.
378.	Textiles — High Density Polyethylene (HDPE)/ Polypropylene(PP) Woven Sacks for Filling Sand — Specification	Mass of Bale	IS 14252:2015,Amd- 1 to 2, Clause 4.1, IS 14252
379.		Dimensions (Length & Width)	IS 14252:2015,Amd- 1 to 2, Clause 4.1,4.2, Table-1, Annex-B.
380.		Ends per dm	IS 14252:2015,Amd- 1 to 2, Clause 4.1,4.2, Table-1, Annex-B
381.		Picks per dm	IS 14252:2015, Amd- 1 to 2, Clause 4.1,4.2, Table-1, Annex-B
382.		Mass of Sack	IS 14252:2015, Amd- 1 to 2, Clause 4.1,4.2, Table-1, IS 1964
383.		Average breaking strength of fabric	IS 14252:2015,Amd- 1 to 2, Clause 4.1,4.2, Table-1, IS 1969-1
384.		Average Breaking Strength of bottom seam	IS 14252:2015, Amd- 1 to 2, Clause 4.1,4.2, Table-1, IS 9030

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile Materials		
385.		Elongation at break of fabric	IS 14252:2015,Amd- 1 to 2, Clause 4.1,4.2, Table-1, IS 1969-1
386.		Average Breaking Strength at break of UV stabilized HDPE/PP fabric after been exposed to UV radiation and weathering	IS 14252:2015,Amd- 1 to 2, Clause 4.1,4.2, Table-1, Annex-C.
387.	Textiles — High Density Polyethylene (HDPE) / Polypropylene (PP) Woven Sacks for Packaging of 50 kg Food Grains — Specification	Mass of Bale	IS 14887:2014, Amd- 1 to 3, Clause 4.1, IS 14887.
388.		Dimensions (Length & Width)	IS 14887:2014, Amd- 1 to 3, Clause 3.2,4.1,4.2, Table-1, Annex-B.
389.		Ends per dm	IS 14887:2014, Amd- 1 to 3, Clause 3.2,4.1,4.2, Table-1, Annex-B.
390.		Picks per dm	IS 14887:2014, Amd- 1 to 3, Clause 3.2,4.1,4.2, Table-1, Annex-B.
391.		Mass of Sack	IS 14887:2014, Amd- 1 to 3, Clause 3.2,4.1,4.2, Table-1, IS 1964.
392.		Average breaking strength of fabric	IS 14887:2014, Amd- 1 to 3, Clause 3.2,4.1,4.2, Table-1, IS 1969-1.
393.	Textiles — High Density Polyethylene (HDPE) / Polypropylene (PP) Woven Sacks for Packaging of 50 kg Food	Minimum Breaking Strength of bottom seam	IS 14887:2014, Amd- 1 to 3, Clause 3.2,4.1,4.2, Table-1, IS 9030.
394.		Elongation at break of fabric	IS 14887:2014, Amd- 1 to 3, Clause 3.2,4.1,4.2, Table-1, IS 1969-1

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile Materials		
395.	Grains — Specification	Breaking Strength of fabric after exposed to UV radiation and weathering	IS 14887:2014, Amd- 1 to 3, Clause 3.2,4.1,4.2, Table-1, Annex-C
396.	Textiles — High Density Polyethylene (HDPE)/ Polypropylene (PP) Woven Sacks for Packaging 50 kg/25 kg Sugar-Specification	Mass of Bale	IS 14968:2015, Amd- 1 to 5, Clause 5.1, IS 14968.
397.		Dimensions(Length & Width)	IS 14968:2015, Amd- 1 to 5, Clause 4.2, 5.1, 5.2, Table-1, Annex-B
398.		Ends per dm	IS 14968:2015, Amd- 1 to 5, Clause 4.2, 5.1, 5.2, Table-1, Annex-B
399.		Picks per dm	IS 14968:2015, Amd- 1 to 5, Clause 4.2, 5.1, 5.2, Table-1, Annex-B
400.		Mass of unlaminated sack (a)	IS 14968:2015, Amd- 1 to 5, Clause 4.2,5.1,5.2, Table-1, IS 1964.
401.		Mass of sack with liner (b)	IS 14968:2015, Amd- 1 to 5, Clause 4.2,5.1,5.2, Table-1, IS 1964.
402.		Average breaking strength of fabric	IS 14968:2015, Amd- 1 to 5, Clause 4.2,5.1,5.2, Table-1, IS 1969-1.
403.	Textiles — High Density Polyethylene (HDPE)/	Minimum Breaking Strength of bottom seam	IS 14968:2015, Amd- 1 to 5, Clause 4.2,5.1,5.2, Table-1, IS 9030.
404.	Polypropylene (PP) Woven Sacks	Elongation at break of fabric	IS 14968:2015, Amd- 1 to 5, Clause 4.2,5.1,5.2, Table-1, IS 1969-1.

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile Materials		
405.	for Packaging 50 kg/25 kg Sugar — Specification	UV Resistance	IS 14968:2015, Amd- 1 to 5, Clause 5.3, Annex-C
406.	Textiles — Polyester Textured Yarns — Specification	Designation of Yarn	IS 17879:2022 Amd-1, Clause 5.1, Table-1, IS 17879 (Visual).
407.		Freedom from Yarn Defects	IS 17879:2022 Amd-1, Clause 6.3, IS 17879 (Visual).
408.		Broken Filament	IS 17879:2022 Amd-1, Clause 6.3.1, IS 17879 (Visual).
409.		Cross Ends	IS 17879:2022 Amd-1, Clause 6.3.2, IS 17879 (Visual).
410.		Damage/Bumped	IS 17879:2022 Amd-1, Clause 6.3.3, IS 17879 (Visual).
411.		Dirt/Grease	IS 17879:2022 Amd-1, Clause 6.3.4, IS 17879 (Visual).
412.		Finish oil Contamination	IS 17879:2022 Amd-1, Clause 6.3.5, IS 17879 (Visual).
413.		Improper ply	IS 17879:2022 Amd-1, Clause 6.3.6, IS 17879 (Visual).
414.	Textiles — Polyester Textured Yarns — Specification	Improper wind	IS 17879:2022 Amd-1, Clause 6.3.7, IS 17879 (Visual).
415.		Inadequate Tube Clearance	IS 17879:2022 Amd-1, Clause 6.3.8, IS 17879 (Visual).

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile Materials		
416.		Indistinct Tail	IS 17879:2022 Amd-1, Clause 6.3.9, IS 17879 (Visual).
417.		Latching	IS 17879:2022 Amd-1, Clause 6.3.10, IS 17879 (Visual).
418.		Loops	IS 17879:2022 Amd-1, Clause 6.3.11, IS 17879 (Visual).
419.		Oversize or small package	IS 17879:2022 Amd-1, Clause 6.3.12, IS 17879 (Visual).
420.		Ridges/ Grooves	IS 17879:2022 Amd-1, Clause 6.3.13, IS 17879 (Visual).
421.		Slub/kinks	IS 17879:2022 Amd-1, Clause 6.3.14, IS 17879 (Visual).
422.		Tube Defects	IS 17879:2022 Amd-1, Clause 6.3.15, IS 17879 (Visual).
423.		Uneven Fluorescent oil	IS 17879:2022 Amd-1, Clause 6.3.16, IS 17879 (Visual).
424.		Un- textured Yarn	IS 17879:2022 Amd-1, Clause 6.3.17, IS 17879 (Visual).
425.	Textiles — Polyester Textured Yarns — Specification	Wound in Waste	IS 17879:2022 Amd-1, Clause 6.3.18, IS 17879 (Visual).
426.		Mean linear density	IS 17879:2022 Amd-1, Clause 6.1 and 8.2, Table-3, IS 7703-1.

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile Materials		
427.		Elongation at break	IS 17879:2022 Amd-1, Clause 6.1 and 8.2, Table-3, IS 7703-2.
428.		Tenacity	IS 17879:2022 Amd-1, Clause 6.1 and 8.2, Table-3, IS 7703-2.
429.		Interlace per metre	IS 17879:2022 Amd-1, Clause 6.1 and 8.2, Table-3, Annex-D
430.		Ultraviolet resistance, 500 h Percent retained strength	IS 17879:2022 Amd-1, Clause 6.2, Table-4, IS 13162-2.
431.		Elastomer Content	IS 17879:2022 Amd-1, Clause 6.2, Table-4, Annex-H
432.		Commercial Mass	IS 17879:2022 Amd-1, Clause 6.6, IS 7703-3.
433.	Disposable Sanitary Napkin/Panty Liner/Maternity Pad/Period Panty- Specification	Type and Shapes of Sanitary Napkins	Clause-4, 4.1, 4.2, of IS:5405 : 2025
434.		Dimensions of Sanitary Napkins (Pad length)	Clause-5 of IS:5405 : 2025
435.		Dimensions of Sanitary Napkins (Pad width)	Clause-5 of IS:5405 : 2025

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Wood and Wood products		
1.	Furniture- Work chair -17631	Design/ Model Number	IS-17631 (Clause-4.1)
2.	Furniture- Work chair -17631	WORKMANSHIP	IS-17631 (Clause-4.2)
3.	Furniture- Work chair -17631	Castors or wheels dimensions	IS-17631 (Clause-4.3); IS 17524 (Clause-4.4)
4.	Furniture- Work chair -17631	dimensions	IS-17631 (Clause-5)
5.	Furniture- Work chair -17631	Resistance to mechanical damage	IS-17631 (Clause-6.1); IS-17637 Table-1: (i); IS-17641; IS-17631 (Clause-6.1) IS-17637 Table-1: (ii) ANNEX-B
6.	Furniture- Work chair -17631	Pencil hardness	IS-17631 (Clause-6.1) IS-17637 Table-1: (iii) ANNEX-C
7.	Furniture- Work chair -17631	Resistance to wet heat	IS-17631 (Clause-6.1) IS-17637 Table-1: (iv) 17639
8.	Furniture- Work chair -17631	Resistance to dry heat	IS-17631 (Clause-6.1) IS-17637 Table-1: (v) 17638
9.	Furniture- Work chair -17631	Resistance to marking by cold liquids	IS-17631 (Clause-6.1) IS-17637 Table-1: (vi) 17640
10.	Furniture- Work chair -17631	Resistance to marking by cold oils and fats	IS-17631 (Clause-6.1) IS-17637 Table-1: (vii) 17640
11.	Furniture- Work chair -17631	Adhesive performance	IS-17631 (Clause-6.1) IS-17637 Table-2: (i) Annex-D

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Wood and Wood products		
			IS-17631 (Clause-6.1) IS-17637 Table-2: (ii) Annex-D
12.	Furniture- Work chair -17631	Stability Test front edge overturning	IS-17631 (Clause-7.3.1) Table-1: (i)
13.	Furniture- Work chair -17631	Stability Test Forwards overturning	IS-17631 (Clause-7.3.2) Table-1: (ii)
14.	Furniture- Work chair -17631	Stability Test Forwards overturning for chairs with footrest	IS-17631 (Clause-7.3.3) Table-1: (iii)
15.	Furniture- Work chair -17631	Stability Test Sideways overturning for chairs without arm rests	IS-17631 (Clause-7.3.4) Table-1: (iv)
16.	Furniture- Work chair -17631	Stability Test Sideways overturning for chairs with arm rests	IS-17631 (Clause-7.3.5) Table-1: (v)
17.	Furniture- Work chair -17631	Stability Test Rearwards overturning for chairs without back-rest inclination	IS-17631 (Clause-7.3.6) Table-1: (vi)
18.	Furniture- Work chair -17631	Stability Test Rearwards overturning for chairs with back-rest inclination	IS-17631 (Clause-7.3.7) Table-1: (vii)
19.	Furniture- Work chair -17631	Seat front edge static load test	IS-17631 (Clause-7.4.1) Table-3: (i)

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Wood and Wood products		
20.	Furniture- Work chair -17631	Combined seat and back static load test	IS-17631 (Clause-7.4.2) Table-3: (ii)
21.	Furniture- Work chair -17631	Arm rest downward static load test – Central	IS-17631 (Clause-7.4.3) Table-3: (ii)
22.	Furniture- Work chair -17631	Arm rest downward static load test – Front	IS-17631 (Clause-7.4.4) Table-3: (iv)
23.	Furniture- Work chair -17631	Arm rest sideways static load test	IS-17631 (Clause-7.4.5) Table-3: (V)
24.	Furniture- Work chair -17631	Foot rest static load test	IS-17631 (Clause-7.4.6) Table-3: (vi)
25.	Furniture- Work chair -17631	Seat and back durability:	IS-17631 (Clause-7.5.1) Table-3: (vii)
26.	Furniture- Work chair -17631	Arm rest durability	IS-17631 (Clause-7.5.2) Table-3: (viii)
27.	Furniture- Work chair -17631	Swivel test	IS-17631 (Clause-7.5.3) Table-3 : (ix)
28.	Furniture- Work chair -17631	Foot rest durability	IS-17631 (Clause-7.5.4) Table-3: (x)
29.	Furniture- Work chair -17631	Castor and chair base durability (rotational or linear)	IS-17631 (Clause-7.5.5) Table-3: (xi)
30.	General Purpose Chairs and Stools-17632	TYPE	IS-17632 (Clause-4.1)
31.	General Purpose Chairs and Stools-17632	Design	IS-17632 (Clause-4.2)

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Wood and Wood products		
32.	General Purpose Chairs and Stools-17632	Workmanship	IS-17632 (Clause-4.3)
33.	General Purpose Chairs and Stools-17632	Dimensions	IS-17632 (Clause-5)
34.	General Purpose Chairs and Stools-17632	Resistance to mechanical damage	IS-17632 (Clause-6.1), IS-17637 Table-1: (i), IS-17641, IS-17632 (Clause-6.1) IS-17637 Table-1: (ii) ANNEX-B
35.	General Purpose Chairs and Stools-17632	Pencil hardness	IS-17632 (Clause-6.1) IS-17637 Table-1: (iii) ANNEX-C
36.	General Purpose Chairs and Stools-17632	Resistance to wet heat	IS-17631 (Clause-6.1) IS-17637 Table-1: (iv) 17639
37.	General Purpose Chairs and Stools-17632	Resistance to dry heat	IS-17632 (Clause-6.1) IS-17637 Table-1: (v) 17638
38.	General Purpose Chairs and Stools-17632	Resistance to marking by cold liquids	IS-17632 (Clause-6.1) IS-17637 Table-1: (vi) 17640
39.	General Purpose Chairs and Stools-17632	Resistance to marking by cold oils and fats	IS-17632 (Clause-6.1) IS-17637 Table-1: (vii) 17640
40.	General Purpose Chairs and Stools-17632	Adhesive performance	IS-17632 (Clause-6.1) IS-17637 Table-2: (i) Annex-D IS-17632 (Clause-6.1) IS-17637 Table-2: (ii) Annex-D

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Wood and Wood products		
41.	General Purpose Chairs and Stools-17632	Forward overbalancing	IS-17632 (Clause-7.2.1) Table -1: (i)
42.	General Purpose Chairs and Stools-17632	Sideways overbalancing for chair without arms	IS-17632 (Clause-7.2.1) Table -1: (ii)
43.	General Purpose Chairs and Stools-17632	Rearwards overturning	IS-17632 (Clause-7.2.2) Table -1: (iii)
44.	General Purpose Chairs and Stools-17632	Sideways overturning for chairs with arms	IS-17632 (Clause-7.2.3) Table -1: (iv)
45.	General Purpose Chairs and Stools-17632	Overbalancing in all sides stools-17632/ poufs	IS-17632 (Clause-7.2.4) Table -1: (v)
46.	General Purpose Chairs and Stools-17632	Seat static load test	IS-17632 (Clause-7.3.1.1) Table -2: (i)
47.	General Purpose Chairs and Stools-17632	Back static load test	IS-17632 (Clause-7.3.1.2) Table -2: (ii)
48.	General Purpose Chairs and Stools-17632	Arm rests/Wings sideways static load test	IS-17632 (Clause-7.3.1.3) Table -2: (iii)
49.	General Purpose Chairs and Stools-17632	Arm downwards static load test	IS-17632 (Clause-7.3.1.4) Table -2: (iv)
50.	General Purpose Chairs and Stools-17632	Leg forward static load test	IS-17632 (Clause-7.3.1.5) Table -2: (v)
51.	General Purpose Chairs and Stools-17632	Leg sideways static load test	IS-17632 (Clause-7.3.1.6) Table -2: (vi)

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Wood and Wood products		
52.	General Purpose Chairs and Stools-17632	Diagonal base load test	IS-17632 (Clause-7.3.1.7) Table -2: (vii)
53.	General Purpose Chairs and Stools-17632	Foot rest static load test	IS-17632 (Clause-7.3.1.8) Table -2: (viii)
54.	General Purpose Chairs and Stools-17632	Seat Impact test	IS-17632 (Clause-7.3.2.1) Table -2: (ix)
55.	General Purpose Chairs and Stools-17632	Back Impact Test	IS-17632 (Clause-7.3.2.2) Table -2: (x)
56.	General Purpose Chairs and Stools-17632	Arm Impact Test	IS-17632 (Clause-7.3.2.3) Table -2: (xi)
57.	General Purpose Chairs and Stools-17632	Drop Test	IS-17632 (Clause-7.3.2.4) Table -2: (ix)
58.	General Purpose Chairs and Stools-17632	Seat fatigue test	IS-17632 (Clause-7.4.1) Table -3: (i)
59.	General Purpose Chairs and Stools-17632	Back fatigue test	IS-17632 (Clause-7.4.1) Table -3: (ii)
60.	General Purpose Chairs and Stools-17632	Arm rest durability	IS-17632 (Clause-7.4.1) Table -3: (iii)
61.	Furniture- Tables and Desks-17633-17633	Design/ Model Number	IS-17633 (Clause-4.1)
62.	Furniture- Tables and Desks-17633	Workmanship	IS-17633 (Clause-4.2)

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Wood and Wood products		
63.	Furniture- Tables and Desks-17633	Dimensions	IS-17633 (Clause-5)
64.	Furniture- Tables and Desks-17633	Resistance to mechanical damage	IS-17633 (Clause-6); IS-17637 Table-1: (i); IS-17641; IS-17633 (Clause-6) IS-17637 Table-1: (ii) ANNEX-B
65.	Furniture- Tables and Desks-17633	Pencil hardness	IS-17633(Claude-6); IS-17637 Table-1: (iii) ANNEX-C
66.	Furniture- Tables and Desks-17633	Resistance to wet heat	IS-17633 (Clause-6) IS-17637 Table-1: (iv) 17639
67.	Furniture- Tables and Desks-17633	Resistance to dry heat	IS-17633 (Clause-6) IS-17637 Table-1: (v) 17638
68.	Furniture- Tables and Desks-17633	Resistance to marking by cold liquids	IS-17633 (Clause-6) IS-17637 Table-1: (vi) 17640
69.	Furniture- Tables and Desks-17633	Resistance to marking by cold oils and fats	IS-17631 (Clause-6) IS-17637 Table-1: (vii) 17640
70.	Furniture- Tables and Desks-17633	Adhesive performance	IS-17633 (Clause-6) IS-17637 Table-2: (i) Annex-D
71.	Furniture- Tables and Desks-17633	Stability Test Stability under vertical load, N (Office Tables)	IS-17633 (Clause-7.2.1.1) Table-1: (i)

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Wood and Wood products		
72.	Furniture- Tables and Desks-17633	Stability Test Stability under vertical load with extension elements open, N (Office Tables)	IS-17633 (Clause-7.2.1.2) Table-1: (ii)
73.	Furniture- Tables and Desks-17633	Stability Test Static load for stability under horizontal load, N (Office Tables)	IS-17633 (Clause-7.2.2) Table-1: (iii)
74.	Furniture- Tables and Desks-17633	Stability Test Stability under horizontal force, N (Office Tables)	IS-17633 (Clause-7.2.3.1) Table-1: (iv)
75.	Furniture- Tables and Desks-17633	Stability Test Stability under vertical load a) Main surface, N (Domestic Tables)	IS-17633 (Clause-7.2.1.1) Table-2: (i)a
76.	Furniture- Tables and Desks-17633	Stability Test Stability under vertical load b) Ancillary surface, N (Domestic Tables)	IS-17633 (Clause-7.2.1.1) Table-2: (i)b
77.	Furniture- Tables and Desks-17633	Stability Test Stability under vertical load with extension elements open, N (Domestic Tables)	IS-17633 (Clause-7.2.1.2) Table-2: (ii)
78.	Furniture- Tables and Desks-17633	Stability Test Static load for stability under horizontal load, N (Domestic Tables)	IS-17633 (Clause-7.2.2) Table-2: (iii)

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Wood and Wood products		
79.	Furniture- Tables and Desks-17633	Stability Test Stability under horizontal force, N (Domestic Tables)	IS-17633 (Clause-7.2.3.1) Table-2: (iv)
80.	Furniture- Tables and Desks-17633	Strength under vertical static forces, N (Office Tables)	IS-17633 (Clause-7.3.1.1) Table-5: (i)
81.	Furniture- Tables and Desks-17633	Strength under vertical static forces (occasional heavy loads test), N (Office Tables)	IS-17633 (Clause-7.3.1.2) Table-5: (ii)
82.	Furniture- Tables and Desks-17633	Strength under horizontal static forces a) Test force, N (Office Tables)	IS-17633 (Clause-7.3.2) Table-5: (iii)
83.	Furniture- Tables and Desks-17633	Strength under horizontal static forces b) Minimum horizontal force, N (Office Tables)	IS-17633 (Clause-7.3.2) Table-5: (iii)
84.	Furniture- Tables and Desks-17633	Durability under vertical forces, N (Office Tables)	IS-17633 (Clause-7.4) Table-5: (iv)
85.	Furniture- Tables and Desks-17633	Durability under horizontal forces, N (Office Tables)	IS-17633 (Clause-7.4.1) Table-5: (v)

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Wood and Wood products		
86.	Furniture- Tables and Desks-17633	Stiffness of the structure under horizontal force, mm/m of height, Max (Office Tables)	IS-17633 (Clause-7.4.2) Table- : (vi)
87.	Furniture- Tables and Desks-17633	Durability of the height adjustment mechanism, kg (Office Tables)	IS-17633 (Clause-7.5.2) Table-5: (vii)
88.	Furniture- Tables and Desks-17633	Vertical impact test for tables with glass in their construction (Drop height), mm a) Safety glass)(Office Tables)	IS-17633 (Clause-7.5.3) Table-5: (viii)
89.	Furniture- Tables and Desks-17633	Vertical impact test for tables with glass in their construction (Drop height), mm b) other glass (Office Tables)	IS-17633 (Clause-7.5.3) Table-5: (viii)
90.	Furniture- Tables and Desks-17633	Deflection of table tops, mm/m of length, Max (Office Tables)	IS-17633 (Clause-7.7) Table-5: (ix)
91.	Furniture- Tables and Desks-17633	Durability of table with castors	IS-17633 (Clause,7.8) Table-5: (x)
92.	Furniture- Tables and Desks-17633	Drop test, Nominal drop height, mm (Office Tables)	IS-17633 (Clause,7.9) Table-5: (xi)
93.	Furniture- Tables and Desks-17633	Strength under vertical static force, N Main surface for tables	IS-17633 (Clause-7.3.1.1) Table-6: (i)

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Wood and Wood products		
		with height less than or equal to 600 mm (Domestic Tables)	
94.	Furniture- Tables and Desks-17633	Strength under vertical static force, N Ancillary surface (Domestic Tables)	IS-17633 (Clause-7. 3.1.1) Table-6: (i)
95.	Furniture- Tables and Desks-17633	Strength under horizontal static forces Test force, N (Domestic Tables)	IS-17633 (Clause-7.6.2) Table-6: (ii)
96.	Furniture- Tables and Desks-17633	Strength under horizontal static forces Minimum horizontal force, N (Domestic Tables)	IS-17633 (Clause-7.6.2) Table-6: (ii)
97.	Furniture- Tables and Desks-17633	Durability under vertical forces, N (Domestic Tables)	IS-17633 (Clause-7.4.1) Table-6: (iii)
98.	Furniture- Tables and Desks-17633	Durability under horizontal forces a) Test Force, N (Domestic Tables)	IS-17633 (Clause-7.4.2) Table-6: (iv)
99.	Furniture- Tables and Desks-17633	Durability under horizontal forces b) Minimum horizontal force, N (Domestic Tables)	IS-17633 (Clause-7.4.2) Table-6: (iv)
100.	Furniture- Tables and Desks-17633	Stiffness of the structure under horizontal force, (Domestic Tables)	IS-17633 (Clause-7.5.2) Table-6: (v)

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Wood and Wood products		
101.	Furniture- Tables and Desks-17633	Durability of the height adjustment mechanism (kg) (Domestic Tables)	IS-17633 (Clause-7.5.3) Table-6: (vi)
102.	Furniture- Tables and Desks-17633	Vertical impact test for tables with glass in their construction (Drop height), mm Safety glass (see Note 2) (Domestic Tables)	IS-17633 (Clause-7.6.2) Table-6: (vii)
103.	Furniture- Tables and Desks-17633	Vertical impact test for tables with glass in their construction (Drop height), mm Other glass (Domestic Tables)	IS-17633 (Clause-7.6.2) Table-6: (vii)
104.	Furniture- Tables and Desks-17633	Vertical impact test for all other table tops (Drop height), mm (Domestic Tables)	IS-17633 (Clause-7.6.3) Table-6: (ix)
105.	Furniture- Tables and Desks-17633	Deflection of table tops (max), mm/m of length (Domestic Tables)	IS-17633 (Clause-7.7) Table-6: (ix)
106.	Furniture- Tables and Desks-17633	Durability of Tables with castors (kg) (Domestic Tables)	IS-17633 (Clause-7.8) Table-6: (x)
107.	Furniture- Tables and Desks-17633	Drop Test, Nominal drop height, mm (Domestic Tables)	IS-17633 (Clause-7.9) Table-6: (xi)
108.	Furniture-Storage Units - 17634	Design/ Model Number	IS-17634 (Clause-4.1)

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	Wood and Wood products		
109.	Furniture-Storage Units - 17634	Workman ship	IS-17634 (Clause-4.2)
110.	Storage Units	Dimensions	IS-17634 (Clause-4.3)
111.	Furniture-Storage Units - 17634	Dimensions	IS-17634 (Clause-5)
112.	Furniture-Storage Units - 17634	Resistance to mechanical damage	IS-17634 (Clause-6.1) IS-17637 Table-1: (i) IS-17641 IS-17634 (Clause-6.1) IS-17637 Table-1: (ii) ANNEX-B
113.	Furniture-Storage Units - 17634	Pencil hardness	IS-17634 (Clause-6.1) IS-17637 Table-1: (iii) ANNEX-C
114.	Furniture-Storage Units - 17634	Resistance to wet heat	IS-17634 (Clause-6.1) IS-17637 Table-1: (iv) 17639
115.	Furniture-Storage Units - 17634	Resistance to dry heat	IS-17634 (Clause-6.1) IS-17637 Table-1: (v) 17638
116.	Furniture-Storage Units - 17634	Resistance to marking by cold liquids	IS-17634 (Clause-6.1) IS-17637 Table-1: (vi) 17640
117.	Furniture-Storage Units - 17634	Resistance to marking by cold oils and fats	IS-17634 (Clause-6.1) IS-17637 Table-1: (vii) 17640
118.	Furniture-Storage Units - 17634	Adhesive performance	IS-17634 (Clause-6.1) IS-17637 Table-2: (i) Annex-D IS-17634 (Clause-6.1) IS-17637 Table-2: (ii) Annex-D

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	Wood and Wood products		
119.	Furniture-Storage Units - 17634	Deflection of shelve	IS-17634 (Clause- 7.2.1.2) Table-3: (i)
120.	Furniture-Storage Units - 17634	Strength of shelf supports	IS-17634 (Clause-7.2.1.3) Table-3: (ii)
121.	Furniture-Storage Units - 17634	Sustained load test for tops and bottoms	IS-17634 (Clause-7.2.2.1) Table-3: (iii)
122.	Furniture-Storage Units - 17634	Static load test for tops and bottoms to tops which are ≤ 1 000 mm from the floor and to bottoms where the clear height (see 3.2) is ≥ 1 600 mm.	IS-17634 (Clause-7.2.2.2) Table-3: (iv)
123.	Furniture-Storage Units - 17634	Strength of clothes-rail supports	IS-17634 (Clause-7.2.3.1) Table-3: (v)
124.	Furniture-Storage Units - 17634	Dislodgement of clothes rails	IS-17634 (Clause-7.2.3.2) Table-3: (vi)
125.	Furniture-Storage Units - 17634	Test for structure and under frame	IS-17634 (Clause-7.2.4.1) Table-3: (vii)
126.	Furniture-Storage Units - 17634	Drop test	IS-17634 (Clause-7.2.4.2) Table-3: (viii)
127.	Furniture-Storage Units - 17634	Vertical load on pivoted doors up to 900 mm ht	IS-17634 (Clause-7.3.1.2.1) Table-3: (ix)

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	Wood and Wood products		
128.	Furniture-Storage Units - 17634	Vertical load on pivoted doors above 900 mm ht	IS-17634 (Clause-7.3.1.2.1) Table-3: (x)
129.	Furniture-Storage Units - 17634	Horizontal load on pivoted doors	IS-17634 (Clause-7.3.1.2.2) Table-3: (xi)
130.	Furniture-Storage Units - 17634	Slam-shut test of pivoted doors	IS-17634 (Clause-7.3.1.3) Table-3: (xii)
131.	Furniture-Storage Units - 17634	Durability of pivoted doors for door height up to 900 mm	IS-17634 (Clause-7.3.2.2) Table-3: (xiii)
132.	Furniture-Storage Units - 17634	Durability of pivoted doors for doors height from 900 mm to 1 500 mm	IS-17634 (Clause-7.3.3.1) Table-3: (xiv)
133.	Furniture -Storage Units - 17634	Durability of pivoted doors for doors above 1 500 mm height	IS-17634 (Clause-7.3.3.3) Table-3: (xv)
134.	Furniture-Storage Units - 17634	Slam shut/open test of sliding doors and horizontal roll-fronts	IS-17634 (Clause-7.3.4.1) Table-3: (xvi)
135.	Furniture-Storage Units - 17634	Strength of bottom-hinged flaps	IS-17634 (Clause-7.3.4.2) Table-3: (xvii)
136.	Furniture-Storage Units - 17634	Drop test for top-hinged flaps	IS-17634 (Clause-7.3.5.3) Table-3: (xviii)
137.	Furniture-Storage Units - 17634	Slam shut/open test of vertical roll-fronts (only for roll-fronts not falling under own weight)	IS-17634 (Clause-7.3.5.5) Table-3: (xix)

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Wood and Wood products		
138.	Furniture-Storage Units - 17634	Strength of extension elements	IS-17634 (Clause-7.3.5.6) Table-3: (xx)
139.	Furniture-Storage Units - 17634	Slam shut/open test of extension elements (velocity of calibration extension element in) m/s	IS-17634 (Clause-7.3.6.2) Table-3: (xxi)
140.	Furniture-Storage Units - 17634	Displacement of extension element bottoms	IS-17634 (Clause-7.3.6.3) Table-3: (xxii)
141.	Furniture-Storage Units - 17634	Interlock test	IS-17634 (Clause-7.3.8) Table-3: (xxiii)
142.	Furniture-Storage Units - 17634	Strength test for locking and latching mechanisms for extension elements, and locking and latching mechanisms for doors, flaps and roll-fronts	IS-17634 (Clause-7.3.9) Table-3: (xxiv)
143.	Furniture-Storage Units - 17634	Top load ease cycle test	IS-17634 (Clause-7.3.10) Table-3: (xxv)
144.	Furniture-Storage Units - 17634	Durability test for units with seating surfaces — Cyclic impact	IS-17634 (Clause-7.4.1.3) Table-3: (xxvi)
145.	Furniture-Storage Units - 17634	Drop test — Dynamic for units with seat surfaces	IS-17634 (Clause-7.3.5.3) Table-3: (xxvii)

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Wood and Wood products		
146.	Furniture-Storage Units - 17634	Sustained load test (overload)	IS-17634 (Clause-7.3.5.3) Table-3: (xxviii)
147.	Furniture-Storage Units - 17634	Dislodgement test	IS-17634 (Clause-7.4.1.4) Table-3: (xxix)
148.	Furniture-Storage Units - 17634	Units supported by the floor	IS-17634 (Clause-7.4.2) Table-3: (xxx)
149.	Furniture-Storage Units - 17634	Tests for units with castors or wheels (Unloaded unit weight $\leq$ 45 kg)	IS-17634 (Clause-7.2.4.3) Table-4: (i)
150.	Furniture-Storage Units - 17634	Tests for units with castors or wheels (Unloaded unit weight $>$ 45 kg)	IS-17634 (Clause-7.2.4.3) Table-4: (ii)
151.	Furniture-Storage Units - 17634	Durability of pivoted doors	IS-17634 (Clause-7.3.1.4) Table-4: (iii)
152.	Furniture-Storage Units - 17634	Durability of sliding doors and horizontal roll-fronts	IS-17634 (Clause-7.3.2.3) Table-4: (iv)
153.	Furniture-Storage Units - 17634	Durability of flaps	IS-17634 (Clause-7.3.3.2) Table-4: (v)
154.	Furniture-Storage Units - 17634	Durability of vertical roll-fronts	IS-17634 (Clause-7.3.4.2) Table-4: (vi)
155.	Furniture-Storage Units - 17634	Durability of extension elements	IS-17634 (Clause-7.3.5.3) Table-4: (vii)

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Wood and Wood products		
156.	Furniture-Storage Units - 17634	Durability test of locking and latching mechanisms	IS-17634 (Clause-7.3.6.4) Table-4: (viii)
157.	Furniture-Storage Units - 17634	Top load ease cycle test	IS-17634 (Clause-7.3.8) Table-4: (ix)
158.	Furniture-Storage Units - 17634	Durability test for units with seating surfaces – Cyclic impact	IS-17634 (Clause-7.3.9) Table-4: (x)
159.	Furniture-Storage Units - 17634	Door baskets	IS-17634 (Clause-7.3.1.1) Table-5: (i)
160.	Furniture-Storage Units - 17634	Extension elements	IS-17634 (Clause-7.3.5.3) Table-5: (ii)
161.	Furniture-Storage Units - 17634	Suspended pocket files	IS-17634 (Clause-7.3.5.4) Table-5: (iii)
162.	Furniture-Storage Units - 17634	Mass (excluding rubber)	IS-17634 (Clause B-10)
163.	Furniture-Storage Units - 17634	Approximate width	IS-17634 (Clause B-10)
164.	Furniture-Storage Units - 17634	Approximate thickness	IS-17634 (Clause B-10)
165.	Furniture-Storage Units - 17634	Doors, extension elements and flaps closed, all storage units unloaded - Units that are or can be adjusted to a height of 1 000 mm or less	IS-17634 (Clause-7.5.2.1) Table-7: (i)

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Wood and Wood products		
166.	Furniture-Storage Units - 17634	Doors, extension elements and flaps closed, all storage units unloaded - Units that are or can be adjusted to a height of more than 1 000 mm	IS-17634 (Clause-7.5.2.2) Table-7: (ii)
167.	Furniture-Storage Units - 17634	Opening doors, extension elements and flaps, all storage units unloaded	IS-17634 (Clause-7.5.3) Table-7: (iii)
168.	Furniture-Storage Units - 17634	All storage areas unloaded and all doors, extension elements and flaps open	IS-17634 (Clause-7.5.4.1) Table-7: (iv)
169.	Furniture-Storage Units - 17634	All storage areas unloaded with overturning load	IS-17634 (Clause-7.5.4.2) Table-7: (v)
170.	Furniture-Storage Units - 17634	All storage areas loaded with overturning load	IS-17634 (Clause-7.5.4.3) Table-7: (vi)
171.	Furniture-Storage Units - 17634	Doors, extension elements and flaps closed and locked	IS-17634 (Clause-7.5.5) Table-7: (vii)
172.	Furniture-Storage Units - 17634	Vertical force stability test for storage units	IS-17634 (Clause-7.5.6) Table-7: (viii)
173.	Furniture-Storage Units - 17634	Stability test for pedestals/ storage units with seat surfaces	IS-17634 (Clause-7.5.7) Table-7: (ix)

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Wood and Wood products		
174.	Furniture-Storage Units - 17634	Dynamic stability test for units with castors	IS-17634 (Clause-7.5.8) Table-7: (x)
175.	Furniture-Storage Units - 17634	Strength test for wall attachments	IS-17634 (Clause-7.5.9) Table-7: (xi)
176.	Furniture- Beds - 17635	Design/ Model Number	IS-17635 (Clause-4.1)
177.	Furniture- Beds - 17635	Workmanship	IS-17635 (Clause-4.2)
178.	Furniture- Beds - 17635	dimensions	IS-5533 (Clause-5)
179.	Furniture- Beds - 17635	Resistance to mechanical damage	IS-17635 (Clause-6.1); IS-17637 Table-1: (i); IS-17641; IS-17635 (Clause-6.1) IS-17637 Table-1: (ii) Annex-B
180.	Furniture- Beds - 17635	Pencil hardness	IS-17635 (Clause-6.1) IS-17637 Table-1: (iii) Annex-C
181.	Furniture- Beds - 17635	Resistance to wet heat	IS-17635 (Clause-6.1) IS-17637 Table-1: (iv) 17639
182.	Furniture- Beds - 17635	Resistance to dry heat	IS-17635 (Clause-6.1) IS-17637 Table-1: (v) 17638
183.	Furniture- Beds - 17635	Resistance to marking by cold liquids	IS-17635 (Clause-6.1) IS-17637 Table-1: (vi) 17640
184.	Furniture- Beds - 17635	Resistance to marking by cold oils and fats	IS-17635 (Clause-6.1) IS-17637 Table-1: (vii) 17640

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Mechanical Testing			
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	Wood and Wood products		
185.	Furniture- Beds - 17635	Adhesive performance	IS-17635 (Clause-6.1) IS-17637 Table-2: (i) Annex-D IS-17635 (Clause-6.1) IS-17637 Table-2: (ii) Annex-D
186.	Furniture- Beds - 17635	Stability Test	IS-17635 (Clause-7.3.1) Table-2
187.	Furniture- Beds - 17635	Vertical Static Load on Bed Base	IS-17635 (Clause-7.4.1) Table-3
188.	Furniture- Beds - 17635	Vertical Static Load on Side Rail	IS-17635 (Clause-7.4.2) Table-3
189.	Furniture- Beds - 17635	Horizontal Static Load on Headboard	IS-17635 (Clause-7.5.1) Table-3
190.	Furniture- Beds - 17635	Horizontal Static Load Test of Beds Without Headboard	IS-17635 (Clause-7.5.2) Table-3
191.	Furniture- Beds - 17635	Vertical Durability Test of Bed Base	IS-17635 (Clause-7.6.1) Table-4
192.	Furniture- Beds - 17635	Horizontal Durability Test of Bed Frame	IS-17635 (Clause-7.6.2) Table-4
193.	Furniture- Beds - 17635	Horizontal Durability Test of Headboards	IS-17635 (Clause-7.6.3) Table-4
194.	Furniture- Beds - 17635	Vertical Impact Test	IS-17635 (Clause-7.7)
195.	Furniture- Beds - 17635	Mechanisms for Lifting Bed Bases - General	IS-17635 (Clause-8.1.1)

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Wood and Wood products		
196.	Furniture- Beds - 17635	Durability of Mechanisms for Lifting Bed Bases	IS-17635 (Clause-8.1.2)
197.	Furniture- Beds - 17635	Extendable Storage Elements - General	IS-17635 (Clause-8.2.1)
198.	Furniture- Beds - 17635	Durability of Extendable Storage Elements	IS-17635 (Clause-8.2.2)
199.	Furniture- Bunk Beds - 17636	Design/ Model Number	IS-17636 (Clause-4.1)
200.	Furniture- Bunk Beds - 17636	Workmanship	IS-17636 (Clause-4.2)
201.	Furniture- Bunk Beds - 17636	Dimensions	IS-5533 (Clause-5)
202.	Furniture- Bunk Beds - 17636	Resistance to mechanical damage	IS-17636 (Clause-6.1); IS-17637 Table-1: (i); IS-17641; IS-17636 (Clause-6.1) IS-17637 Table-1: (ii) Annex-B
203.	Furniture- Bunk Beds - 17636	Pencil hardness	IS-17636 (Clause-6.1) IS-17637 Table-1: (iii) Annex-C
204.	Furniture- Bunk Beds - 17636	Resistance to wet heat	IS-17636 (Clause-6.1) IS-17637 Table-1: (iv) 17639
205.	Furniture- Bunk Beds - 17636	Resistance to dry heat	IS-17636 (Clause-6.1) IS-17637 Table-1: (v) 17638
206.	Furniture- Bunk Beds - 17636	Resistance to marking by cold liquids	IS-17636 (Clause-6.1) IS-17637 Table-1: (vi) 17640

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Wood and Wood products		
207.	Furniture- Bunk Beds - 17636	Resistance to marking by cold oils and fats	IS-17636 (Clause-6.1) IS-17637 Table-1: (vii) 17640
208.	Furniture- Bunk Beds - 17636	Adhesive performance	IS-17636 (Clause-6.1) IS-17637 Table-2: (i) Annex-D IS-17636 (Clause-6.1) IS-17637 Table-2: (ii) Annex-D
209.	Furniture- Bunk Beds - 17636	Colour fastness to water	IS-17636 (Clause-6.2) IS-17637 Table-4: (viii) IS 6191 (Part 2)
210.	Furniture- Bunk Beds - 17636	Top Bed Safety Barriers	IS-17636 (Clause-7.2)
211.	Furniture- Bunk Beds - 17636	Gaps	IS-17636 (Clause-7.3)
212.	Furniture- Bunk Beds - 17636	Bed Base	IS-17636 (Clause-7.4)
213.	Furniture- Bunk Beds - 17636	Attachment, Deflection and Strength of Ladder and Treads	IS- 17636 (Clause-7.5.1)
214.	Furniture- Bunk Beds - 17636	Dimensions of Treads	IS-17636 (Clause-7.5.2)
215.	Furniture- Bunk Beds - 17636	Strength of Frame and Fastenings	IS-17636 (Clause-7.6)
216.	Furniture- Bunk Beds - 17636	Stability	IS-17636 (Clause-7.7)
217.	Furniture- Bunk Beds - 17636	Fastening of Upper Bed to Lower Bed	IS-17636 (Clause-7.8)

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Mechanical Testing			
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	Wood and Wood products		
218.	Furniture	Flammability test	BS 5852 part-1
219.	Furniture	Flammability test for Furniture	BS 5852 Part 2
220.	Furniture- Office Chair/ public seating	Arm Durability Test- Cyclic (Clause 20)	ANSI/ BIFMA X5.1
221.	Furniture- Office Chair/ public seating	Arm Durability Test for Multiple Seating Units- Vertical- Cyclic (Clause 12)	ANSI/BIFMA X5.4
222.	Furniture- Office Chair/ public seating	Arm Durability Test for Single Seating Units- Angular- Cyclic (Clause 13)	ANSI/BIFMA X5.4
223.	Furniture- Office Chair/ public seating	Arm Durability Test- Horizontal Cyclic (Clause 1)	ANSI/BIFMA X5.4
224.	Furniture- Office Chair/ public seating	Arm Strength Test- Horizontal Static (Clause 14)	ANSI/ BIFMA X5.1
225.	Furniture- Office Chair/ public seating	Arm Strength Test- Horizontal Static (Clause 9)	ANSI/BIFMA X5.4
226.	Furniture- Office Chair/ public seating	Arm Strength Test- Vertical Static	BIFMA X5.4
227.	Furniture- Office Chair/ public seating	Arm Strength Test- Vertical Static (Clause 13)	ANSI/ BIFMA X5.1

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Mechanical Testing			
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	Wood and Wood products		
228.	Furniture- Office Chair/ public seating	Back Strength Test- Static Horizontal (Clause 5)	ANSI/BIFMA X5.4
229.	Furniture- Office Chair/ public seating	Back Strength Test- Static Vertical (Clause 6)	ANSI/BIFMA X5.4
230.	Furniture- Office Chair/ public seating	Backrest Durability Test Cyclic-Type I (Clause 15)	ANSI/ BIFMA X5.1
231.	Furniture- Office Chair/ public seating	Backrest Durability Test Cyclic-Type II and III (Clause 16)	ANSI/ BIFMA X5.1
232.	Furniture- Office Chair/ public seating	Backrest Durability Test Horizontal- Cyclic (Clause 7)	ANSI/BIFMA X5.4
233.	Furniture- Office Chair/ public seating	Backrest Durability Test Vertical- Cyclic (Clause 8)	ANSI/BIFMA X5.4
234.	Furniture- Office Chair/ public seating	Backrest Strength Test - Static Type I & II (Clause 5)	ANSI/ BIFMA X5.1
235.	Furniture- Office Chair/ public seating	Backrest Strength Test-Static Type III Chair (Clause 6)	ANSI/ BIFMA X5.1
236.	Furniture- Office Chair/ public seating	Caster/ Chair Base Durability Test- Cyclic (Clause 17)	ANSI/ BIFMA X5.1
237.	Furniture- Office Chair/ public seating	Caster/ Chair Base Durability Test- Cyclic (Clause 18)	ANSI/BIFMA X5.4
238.	Furniture- Office Chair/ public seating	Drop Test- Dynamic (Clause 15)	ANSI/BIFMA X5.4

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	Wood and Wood products		
239.	Furniture- Office Chair/ public seating	Drop Test- Dynamic (Clause 8)	ANSI/ BIFMA X5.1
240.	Furniture- Office Chair/ public seating	Footrest Durability Test Vertical- Cyclic (Clause 20)	ANSI/ BIFMA X5.1
241.	Furniture- Office Chair/ public seating	Footrest Static Load Test Vertical (Clause 19)	ANSI/ BIFMA X5.1
242.	Furniture- Office Chair/ public seating	Leg strength Test- Front and Side Application (Clause 16)	ANSI/BIFMA X5.4
243.	Furniture- Office Chair/ public seating	Leg strength Test- Front and Side Application (Clause 18)	ANSI/ BIFMA X5.1
244.	Furniture- Office Chair/ public seating	Seating Durability Test- Cyclic (Clause 11)	ANSI/ BIFMA X5.1
245.	Furniture- Office Chair/ public seating	Seating Durability Test- Cyclic (Clause 14)	ANSI/ BIFMA X5.1
246.	Furniture- Office Chair/ public seating	Swivel test-Cyclic	ANSI/ BIFMA X5.1
247.	Furniture- Office Chair/ public seating	Swivel test-Cyclic	ANSI/BIFMA X5.4
248.	Furniture- Office Chair/ public seating	Shear and squeeze points (Clause 5.1/5.2)	BS EN 12520
249.	Furniture- Office Chair/ public seating	Stability	EN 1022

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	Wood and Wood products		
250.	Furniture- Office Chair/ public seating	Stability (Clause 5.3)	BS EN 12520
251.	Furniture- Office Chair/ public seating	Stability Test (Clause 12)	ANSI/ BIFMA X5.1
252.	Furniture- Office Chair/ public seating	Stability Test (Clause 21)	ANSI/BIFMA X5.4
253.	Furniture- Office Chair/ public seating	Strength and durability (Table-1)	EN 1728
254.	Furniture- Office Chair/ public seating	Strength and durability (Clause 5.4)	BS EN 12520
255.	Furniture- Office Chair/ public seating	Tablet Arm Load Ease Test Cyclic (Clause 22)	ANSI/BIFMA X5.4
256.	Furniture- Office Chair/ public seating	Tablet Arm Load Ease Test Cyclic (Clause 24)	ANSI/ BIFMA X5.1
257.	Furniture- Office Chair/ public seating	Tablet Arm Load Test- Static (Clause 23)	ANSI/ BIFMA X5.1
258.	Furniture- Office Chair/ public seating	Tablet Arm Load Test- Static (Clause 23)	ANSI/BIFMA X5.4
259.	Furniture- Office Chair/ public seating	Tilt Mechanism Test- Cyclic (Clause 10)	ANSI/ BIFMA X5.1
260.	Furniture- Office Chair/ public seating	Unit Drop Test- Dynamic (Clause 17)	ANSI/BIFMA X5.4

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Wood and Wood products		
261.	Hard goods and hard goods component	Labelling Requirements	ASTM F 2601: Clause 6.0
262.	Hard goods and hard goods component	Safety requirement for Tea Light and Taper Candle holders	ASTM F 2601: Clause 4.3
263.	Hard goods and hard goods component	Safety requirement for candle burner performance	ASTM F 2601, Clause 4.2
264.	Hard goods and hard goods component	Safety requirement for Stability	ASTM F 2601: Clause 4.4
265.	Hard goods and hard goods component	Standard Specification for Fire Safety for Candle Accessories Safety requirement for Flammability – Candle accessories	ASTM F 2601: Clause 4.1
266.	Laboratory Furniture-Base Cabinet	Paint Hardness on Steel	ASTM D3363
267.	Mattress	Durability test (cyclic) (Clause 7.1 Clause 7.2 Clause 7.3 Clause 8.1 Clause 8.2 Clause 8.3)	BS EN 1957
268.	Office Furniture- Desk/ Table	Door Latch Test (Clause 17.14)	ANSI/BIFMA X5.5
269.	Office Furniture- Desk/ Table	Drop Cycle Test for Horizontally Hinged and Horizontally Receding Doors (Clause 17.11)	ANSI/BIFMA X5.5

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Wood and Wood products		
270.	Office Furniture- Desk/ Table	Durability Test for Desks and Tables with Casters (Clause 18)	ANSI/BIFMA X5.5
271.	Office Furniture- Desk/ Table	Durability Test for Desks and Tables with Casters (Clause 19)	SOHO S6.5
272.	Office Furniture- Desk/ Table	Pull Force Test (Clause 19)	ANSI/BIFMA X5.5
273.	Office Furniture- Desk/ Table	Pull Force Test (Clause 20)	SOHO S6.5
274.	Office Furniture- Desk/ Table	Slam Closed Test for Vertically Hinged and Vertically Receding Doors (Clause 17.10)	ANSI/BIFMA X5.5
275.	Office Furniture- Desk/ Table	Slam Open and Closed Test for Doors that do not free fall (Clause 17.13)	ANSI/BIFMA X5.5
276.	Office Furniture- Desk/ Table	Slam Test for Doors that free fall open or closed (Clause 17.12)	ANSI/BIFMA X5.5
277.	Office Furniture- Desk/ Table	Tilting Top Table- Cycle Test (Clause 20)	ANSI/BIFMA X5.5
278.	Office Furniture- Desk/ Table	Tilting Top Table- Latch Strength (Clause 21)	ANSI/BIFMA X5.5
279.	Office Furniture- Desk/ Table	Vertical and Horizontal Receding Door Out Stop Test Cyclic	ANSI/BIFMA X5.5

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Wood and Wood products		
		Impact and Durability (Clause 17.9)	
280.	Office Furniture- Desk/ Table	Wear and Fatigue Test for Horizontal Receding Door (Clause 17.8)	ANSI/BIFMA X5.5
281.	Outdoor Table (Camping use, Domestic use and Contract use)	Horizontal fatigue test (Clause 6.4)	EN 581-3
282.	Outdoor Table (Camping use, Domestic use and Contract use)	Stability (Clause 6.1 / 6.2)	EN 581-3
283.	Outdoor Table (Camping use, Domestic use and Contract use)	Vertical static load test (Clause 6.3)	EN 581-3
284.	Solid Objects	Flammability of Solids (Ignition Time: 5s, Time of Combustion: 60s)	16 CFR 1500.44
285.	Furniture-Desk / Table and Small office & Home office furniture	Benching Systems- Distributed Functional Load and Stability Test (Clause 5.8)	ANSI/BIFMA X5.5
286.	Furniture-Desk / Table and Small office & Home office furniture	Benching Systems- Distributed Proof Load (Clause 5.9)	ANSI/BIFMA X5.5
287.		Concentrated Functional Load & Proof load (Clause 5)	SOHO S6.5

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Wood and Wood products		
288.	Furniture-Desk / Table and Small office & Home office furniture	Concentrated Functional Load & Proof load (Clause 5.2 / 5.4)	ANSI/BIFMA X5.5
289.		Cycle Test for Extendible Elements (Clause 10)	ANSI/BIFMA X5.5
290.		Cycle Test for Extendible Elements (Clause 12)	SOHO S6.5
291.		Distributed Functional Load & Proof Load (Clause 4)	SOHO S6.5
292.		Distributed Functional Load & Proof Load (Clause 5.3 / 5.5)	ANSI/BIFMA X5.5
293.		Extendible Element Rebound Test (Clause 12)	ANSI/BIFMA X5.5
294.		Extendible Element Rebound Test (Clause 14)	SOHO S6.5
295.		Extendible Element Retention Impact and Durability Test (Clause 11)	ANSI/BIFMA X5.5
296.	Furniture-Desk / Table and Small office & Home office furniture	Extendible Element Retention Impact and Durability Test (Clause 13)	SOHO S6.5

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Wood and Wood products		
297.		Force Stability Test for Tall Desks/Tables Products (Clause 4)	SOHO S6.5
298.		Force Stability Test for Tall Desks/Tables Products (Clause 4.5)	ANSI/BIFMA X5.5
299.		Force Test for Extendible Element and Door Locks (Clause 14.2, 14.3)	ANSI/BIFMA X5.5
300.		Hinge Override Test for Vertically Hinged Doors (Clause 17.3)	ANSI/BIFMA X5.5
301.		Horizontally Receding Doors Strength Test (Clause 17)	SOHO S6.5
302.		Horizontally Receding Doors Strength Test (Clause 17.6)	ANSI/BIFMA X5.5
303.		Interlock Strength Test (Clause 11)	SOHO S6.5
304.	Furniture-Desk / Table and Small office & Home office	Interlock Strength Test (Clause 13)	ANSI/BIFMA X5.5
305.	furniture	Leg Strength (Clause 7)	SOHO S6.5

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Wood and Wood products		
306.		Leg Strength (Clause 8)	ANSI/BIFMA X5.5
307.		Locking Mechanism Cycle Test (Clause 15)	ANSI/BIFMA X5.5
308.		Separation Test for Tall Desk/Table (Clause 9)	ANSI/BIFMA X5.5
309.		Strength Test for vertically Hinged Doors, Bi-folded Doors, and Vertically Receding Doors (Clause 17.3)	ANSI/BIFMA X5.5
310.		Top Load Ease Cycle Test (Clause 6)	ANSI/BIFMA X5.5
311.		Top Load Ease Cycle Test (Clause 6)	SOHO S6.5
312.		Transaction Surface Torsion Load Test (Clause 5.6)	ANSI/BIFMA X5.5
313.		Test for vertical doors (Clause 17)	SOHO S6.5
314.		Vertically Receding Doors Strength Test (Clause 17.5)	ANSI/BIFMA X5.5

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Wood and Wood products		
315.	Furniture-Desk / Table and Small office & Home office furniture	Wear and Fatigue Test for Hinged, Horizontal Sliding and Tabour Doors (Clause 17.7)	ANSI/BIFMA X5.5
316.	Dresser/Cabinet/Armoire	Concentrated Functional/proof Load Test Clause 4	ANSI/BIFMA X5.9
317.	Dresser/Cabinet/Armoire	Distributed Functional/proof Load Test Clause 4	ANSI/BIFMA X5.9
318.	Dresser/Cabinet/Armoire	Leg Strength Functional/proof load clause 5	ANSI/BIFMA X5.9
319.	Dresser/Cabinet/Armoire	vertical load durability test Clause 7.1	ANSI/BIFMA X5.9
320.	Dresser/Cabinet/Armoire	vertical load durability test Clause 7.1	ANSI/BIFMA X5.9
321.	Dresser/Cabinet/Armoire	Drop test-Dynamic for seating surfaces clause 7.2	ANSI/BIFMA X5.9
322.	Dresser/Cabinet/Armoire	Horizontal force stability test clause 9.2	ANSI/BIFMA X5.9
323.	Dresser/Cabinet/Armoire	Vertical force stability test for storage units clause 9.8	ANSI/BIFMA X5.9
324.	Dresser/Cabinet/Armoire	Rebound test Clause 12	ANSI/BIFMA X5.9

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Wood and Wood products		
325.	Dresser/Cabinet/Armoire	Extendible Element Retention Impact and Durability (Out Stop) Tests Clause 13	ANSI/BIFMA X5.9
326.	Dresser/Cabinet/Armoire	Force Test for Extendible Element and Door Locks (Clause 14.2, 14.3)	ANSI/BIFMA X5.9
327.	Dresser/Cabinet/Armoire	Locking Mechanism Cycle Test (Clause 15)	ANSI/BIFMA X5.9
328.	Dresser/Cabinet/Armoire	Cycle test for extendible elements Clause 15	ANSI/BIFMA X5.9
329.	Dresser/Cabinet/Armoire	Strength Test for Vertically Hinged Doors, Bi-fold Doors and Vertically Receding doors Section 7	ANSI/BIFMA X5.9
330.	Dresser/Cabinet/Armoire	Hinge Override Test for Vertically Hinged Doors (Clause 17.3)	ANSI/BIFMA X5.9
331.	Dresser/Cabinet/Armoire	Wear and Fatigue Tests for Hinged, Horizontally Sliding and Tambour Doors clause 17.6	ANSI/BIFMA X5.9
332.	Dresser/Cabinet/Armoire	Salm test for doors which free fall clause 17.12	ANSI/BIFMA X5.9

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Wood and Wood products		
333.	Dresser/Cabinet/Armoire	Door Latch Test (Clause 17.14)	ANSI/BIFMA X5.9
334.	Dresser/Cabinet/Armoire	Pull force test	ANSI/BIFMA X5.9
335.	Metal furniture	Resistance to corrosion test	ASTM B117
336.	Film hardness of coatings	Film hardness by Pencil test	ASTM D3363
337.	Furniture coatings	Coating adhesion test	ASTM D3359
338.	Clothing storage units	Standard safety specification for clothing storage units	ASTM F2057
339.	Anti-tip kit	Standard performance specification for tip-over restraints	ASTM F3096
340.	Furniture- Work chair -17631	Breaking load	IS-17631 (Clause-6.2) IS-17637 Table-3: (i) IS-7016 PART-2 IS-1969 PART-1
341.	Furniture- Work chair -17631	Elongation at break	IS-17631 (Clause-6.2) IS-17637 Table-3: (ii) IS-7016 PART-2 IS-1969 PART-1
342.	Furniture- Work chair -17631	Tear strength	IS-17631 (Clause-6.2) IS-17637 Table-3: (iii)

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Wood and Wood products		
			IS-7016 PART-3 IS 6489 (Part 1)
343.	Furniture- Work chair -17631	Colour fastness to light	IS-17631 (Clause-6.2) IS-17637 Table-3: (iv) IS/ISO 105-B02
344.	Furniture- Work chair -17631	Colour fastness to rubbing	IS-17631 (Clause-6.2) IS-17637 Table-3: (v) IS/ISO 105-X12
345.	Furniture- Work chair -17631	Colour fastness to perspiration	IS-17631 (Clause-6.2) IS-17637 Table-3: (vi) IS/ISO 105-E04
346.	Furniture- Work chair -17631	Colour fastness to water,	IS-17631 (Clause-6.2) IS-17637 Table-3: (vii) IS/ISO 105-E01
347.	Furniture- Work chair -17631	Pilling resistance	IS-17631 (Clause-6.2) IS-17637 Table-3: (viii) IS 10971 (Part 1) or (Part 2)
348.	Furniture- Work chair -17631	Coating adhesion strength	IS-17631 (Clause-6.2) IS-17637 Table-3: (ix) IS 7016 (Part 5)

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Wood and Wood products		
349.	Furniture- Work chair -17631	Seam slippage	IS-17631 (Clause-6.2) IS-17637 Table-3: (x) IS/ISO 13936-2
350.	Furniture- Work chair -17631	Resistance to damage by flexing	IS-17631 (Clause-6.2) IS-17637 Table-3: (xi) IS 7016 (Part 4)
351.	Furniture- Work chair -17631	Abrasion resistance	IS-17631 (Clause-6.2) IS-17637 Table-3: (xii) IS 12673 (Part 2)
352.	Furniture- Work chair -17631	Bursting strength	IS-17631 (Clause-6.2) IS-17637 Table-3: (xiii) IS 1966 (Part 1)
353.	Furniture- Work chair -17631	Resistance to cold	IS-17631 (Clause-6.2) IS-17637 Table-3: (xiv) IS 1259
354.	Furniture- Work chair -17631	Tear strength,	IS-17631 (Clause-6.2) IS-17637 Table-4: (i) IS 5914
355.	Furniture- Work chair -17631	Flexing endurance	IS-17631 (Clause-6.2) IS-17637 Table-4: (ii) IS 6191 (Part 5)

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Wood and Wood products		
356.	Furniture- Work chair -17631	Finish adhesion	IS-17631 (Clause-6.2) IS-17637 Table-4: (iii) IS 6191 (Part 5)
357.	Furniture- Work chair -17631	Resistance to damage by flexing	IS-17631 (Clause-6.2) IS-17637 Table-3: (xi) IS 7016 (Part 4)
358.	Furniture- Work chair -17631	Water vapour permeability	IS-17631 (Clause-6.2) IS-17637 Table-4: (vii) IS 5914
359.	General Purpose Chairs and Stools-17632	Breaking load	IS-17632 (Clause-6.2) IS-17637 Table-3: (i) IS-7016 PART-2 IS-1969 PART-1
360.	General Purpose Chairs and Stools-17632	Elongation at break	IS-17632 (Clause-6.2) IS-17637 Table-3: (ii) IS-7016 PART-2; IS-1969 PART-1
361.	General Purpose Chairs and Stools-17632	Tear strength	IS-17632 (Clause-6.2) IS-17637 Table-3: (iii) IS-7016 PART-3 IS 6489 (Part 1)

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Wood and Wood products		
362.	General Purpose Chairs and Stools-17632	Pilling resistance	IS-17632 (Clause-6.2) IS-17637 Table-3: (viii) IS 10971 (Part 1) or (Part2)
363.	General Purpose Chairs and Stools-17632	Coating adhesion strength	IS-17632 (Clause-6.2) IS-17637 Table-3: (ix) IS 7016 (Part 5)
364.	General Purpose Chairs and Stools-17632	Seam slippage	IS-17632 (Clause-6.2) IS-17637 Table-3: (x) IS/ISO 13936-2
365.	General Purpose Chairs and Stools-17632	Resistance to damage by flexing	IS-17632 (Clause-6.2) IS-17637 Table-3: (xi) IS 7016 (Part 4)
366.	General Purpose Chairs and Stools-17632	Abrasion resistance	IS-17632 (Clause-6.2) IS-17637 Table-3: (xii) IS 12673 (Part 2)
367.	General Purpose Chairs and Stools-17632	Bursting strength	IS-17632 (Clause-6.2) IS-17637 Table-3: (xiii) IS 1966 (Part 1)
368.	General Purpose Chairs and Stools-17632	Resistance to cold	IS-17632 (Clause-6.2) IS-17637 Table-3: (xiv) IS 1259

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Wood and Wood products		
369.	General Purpose Chairs and Stools-17632	Tear strength	IS-17632 (Clause-6.2) IS-17637 Table-4: (i) IS 5914
370.	General Purpose Chairs and Stools-17632	Flexing endurance	IS-17632 (Clause-6.2) IS-17637 Table-4: (ii) IS 6191 (Part 5)
371.	General Purpose Chairs and Stools-17632	Finish adhesion	IS-17632 (Clause-6.2) IS-17637 Table-4: (iii) IS 6191 (Part 5)
372.	Furniture- Work chair -17631	Water vapour permeability	IS-17631 (Clause-6.2) IS-17637 Table-4: (vii) IS 5914
373.	General Purpose Chairs and Stools-17632	Water vapour permeability	IS-17632 (Clause-6.2) IS-17637 Table-4: (vii) IS 5914
374.	Furniture-Storage Units - 17634	Breaking load	IS-17634 (Clause-6.2) IS-17637 Table-3: (i) IS-7016 PART-2 IS-1969 PART-1
375.	Furniture-Storage Units - 17634	Elongation at break	IS-17634 (Clause-6.2) IS-17637 Table-3: (ii) IS-7016 PART-2 IS-1969 PART-1
376.	Furniture-Storage Units - 17634	Tear strength	IS-17634 (Clause-6.2) IS-17637 Table-3: (iii)

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Wood and Wood products		
			IS-7016 PART-3 IS 6489 (Part 1)
377.	Furniture-Storage Units - 17634	Pilling resistance	IS-17634 (Clause-6.2) IS-17637 Table-3: (viii) IS 10971 (Part 1) or (Part 2)
378.	Furniture-Storage Units - 17634	Coating adhesion strength	IS-17634 (Clause-6.2) IS-17637 Table-3: (ix) IS 7016 (Part 5)
379.	Furniture-Storage Units - 17634	Seam slippage	IS-17634 (Clause-6.2) IS-17637 Table-3: (x) IS/ISO 13936-2
380.	Furniture-Storage Units - 17634	Resistance to damage by flexing	IS-17634 (Clause-6.2) IS-17637 Table-3: (xi) IS 7016 (Part 4)
381.	Furniture-Storage Units - 17634	Abrasion resistance	IS-17634 (Clause-6.2) IS-17637 Table-3: (xii) IS 12673 (Part 2)
382.	Furniture-Storage Units - 17634	Bursting strength	IS-17634 (Clause-6.2) IS-17637 Table-3: (xiii) IS 1966 (Part 1)

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Bahadurgarh, Jhajjar-124507, Haryana, India

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Wood and Wood products		
383.	Furniture-Storage Units - 17634	Resistance to cold	IS-17634 (Clause-6.2) IS-17637 Table-3: (xiv) IS 1259
384.	Furniture-Storage Units - 17634	Tear strength,	IS-17634 (Clause-6.2) IS-17637 Table-4: (i); IS 5914
385.	Furniture-Storage Units - 17634	Flexing endurance	IS-17634 (Clause-6.2) IS-17637 Table-4: (ii) IS 6191 (Part 5)
386.	Furniture-Storage Units - 17634	Finish adhesion	IS-17634 (Clause-6.2) IS-17637 Table-4: (iii) IS 6191 (Part 5)
387.	Furniture-Storage Units - 17634	Water vapour permeability	IS-17634 (Clause-6.2) IS-17637 Table-4: (vii) IS 5914
388.	Furniture- Beds - 17635	Breaking load	IS-17635 (Clause-6.2) IS-17637 Table-3: (i) IS-7016 PART-2 IS-1969 PART-1
389.	Furniture- Beds - 17635	Elongation at break	IS-17635 (Clause-6.2) IS-17637 Table-3: (ii) IS-7016 PART-2 IS-1969 PART-1

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Wood and Wood products		
390.	Furniture- Beds - 17635	Tear strength	IS-17635 (Clause-6.2) IS-17637 Table-3: (iii) IS-7016 PART-3 IS 6489 (Part 1)
391.	Furniture- Beds - 17635	Pilling resistance	IS-17635 (Clause-6.2) IS-17637 Table-3: (viii) IS 10971 (Part 1) or (Part 2)
392.	Furniture- Beds - 17635	Coating adhesion strength	IS-17635 (Clause-6.2) IS-17637 Table-3: (ix) IS 7016 (Part 5)
393.	Furniture- Beds - 17635	Seam slippage	IS-17635 (Clause-6.2) IS-17637 Table-3: (x) IS/ISO 13936-2
394.	Furniture- Beds - 17635	Resistance to damage by flexing	IS-17635 (Clause-6.2) IS-17637 Table-3: (xi) IS 7016 (Part 4)
395.	Furniture- Beds - 17635	Abrasion resistance	IS-17635 (Clause-6.2) IS-17637 Table-3: (xii) IS 12673 (Part 2)
396.	Furniture- Beds - 17635	Bursting strength	IS-17635 (Clause-6.2) IS-17637 Table-3: (xiii) IS 1966 (Part 1)

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Wood and Wood products		
397.	Furniture- Beds - 17635	Resistance to cold	IS-17635 (Clause-6.2) IS-17637 Table-3: (xiv) IS 1259
398.	Furniture- Beds - 17635	Tear strength,	IS-17635 (Clause-6.2) IS-17637 Table-4: (i); IS 5914
399.	Furniture- Beds - 17635	Flexing endurance	IS-17635 (Clause-6.2) IS-17637 Table-4: (ii) IS 6191 (Part 5)
400.	Furniture- Beds - 17635	Finish adhesion	IS-17635 (Clause-6.2) IS-17637 Table-4: (iii) IS 6191 (Part 5)
401.	Furniture- Beds - 17635	Water vapour permeability	IS-17635 (Clause-6.2) IS-17637 Table-4: (vii) IS 5914
402.	Furniture- Bunk Beds - 17636	Breaking load	IS-17636 (Clause-6.2) IS-17637 Table-3: (i) IS-7016 PART-2; IS-1969 PART-1
403.	Furniture- Bunk Beds - 17636	Elongation at break	IS-17636 (Clause-6.2) IS-17637 Table-3: (ii) IS-7016 PART-2; IS-1969 PART-1

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Wood and Wood products		
404.	Furniture- Bunk Beds - 17636	Tear strength	IS-17636 (Clause-6.2) IS-17637 Table-3: (iii) IS-7016 PART-3; IS 6489 (Part 1)
405.	Furniture- Bunk Beds - 17636	Pilling resistance	IS-17636 (Clause-6.2) IS-17637 Table-3: (viii) IS 10971 (Part 1) or (Part 2)
406.	Furniture- Bunk Beds - 17636	Coating adhesion strength	IS-17636 (Clause-6.2); IS-17637 Table-3: (ix); IS 7016 (Part 5)
407.	Furniture- Bunk Beds - 17636	Seam slippage	IS-17636 (Clause-6.2); IS-17637 Table-3: (x); IS/ISO 13936-2
408.	Furniture- Bunk Beds - 17636	Resistance to damage by flexing	IS-17636 (Clause-6.2) IS-17637 Table-3: (xi) IS 7016 (Part 4)
409.	Furniture- Bunk Beds - 17636	Abrasion resistance	IS-17636 (Clause-6.2) IS-17637 Table-3: (xii) IS 12673 (Part 2)
410.	Furniture- Bunk Beds - 17636	Bursting strength	IS-17636 (Clause-6.2) IS-17637 Table-3: (xiii) IS 1966 (Part 1)
411.	Furniture- Bunk Beds - 17636	Resistance to cold	IS-17636 (Clause-6.2); IS-17637 Table-3: (xiv); IS 1259

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Wood and Wood products		
412.	Furniture- Bunk Beds - 17636	Tear strength,	IS-17636 (Clause-6.2); IS-17637 Table-4: (i); IS 5914
413.	Furniture- Bunk Beds - 17636	Flexing endurance	IS-17636 (Clause-6.2); IS-17637 Table-4: (ii); IS 6191 (Part 5)
414.	Furniture- Bunk Beds - 17636	Finish adhesion	IS-17636 (Clause-6.2); IS-17637 Table-4: (iii); IS 6191 (Part 5)
415.	Furniture- Bunk Beds - 17636	Water vapour permeability	IS-17636 (Clause-6.2); IS-17637 Table-4: (vii); IS 5914



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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Mechanical Properties of Metals		
1.	Non-Ferrous Metal Butt Hinges	Types	IS 205: 1992 Clause 3.1
2.	Non-Ferrous Metal Butt Hinges	Dimension & Tolerances -Length	IS 205: 1992 Clause 5.1 & 5.2
3.	Non-Ferrous Metal Butt Hinges	Dimension & Tolerances - Breadth	IS 205: 1992 Clause 5.1 & 5.2
4.	Non-Ferrous Metal Butt Hinges	Dimension & Tolerances - Butt Dia.	IS 205: 1992 Clause 5.1 & 5.2
5.	Non-Ferrous Metal Butt Hinges	Dimension & Tolerances - Pin Dia./Dia. of Hinge Pin	IS 205: 1992 Clause 5.1 & 5.2
6.	Non-Ferrous Metal Butt Hinges	Dimension & Tolerances - Thickness of Flap	IS 205: 1992 Clause 5.1 & 5.2
7.	Non-Ferrous Metal Butt Hinges	Dimension & Tolerances - Holes for Screw Designation	IS 6760: 1972 Clause 5.1 & 5.2
8.	Non-Ferrous Metal Butt Hinges	Dimension & Tolerances - No. of Screw Holes	IS 205: 1992 Clause 5.1 & 5.2
9.	Non-Ferrous Metal Butt Hinges	General	IS 205: 1992 Clause 6.1
10.	Non-Ferrous Metal Butt Hinges	Knuckles	IS 205: 1992 Clause 6.2
11.	Non-Ferrous Metal Butt Hinges	Screw Holes	IS 205: 1992 Clause 6.3, 6.3.1, 6.3.2 & 6.3.2
12.	Non-Ferrous Metal Butt Hinges	Workmanship and Finish	IS 205: 1992 Clause 7.1 & 7.2

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Mechanical Properties of Metals		
13.	Non-Ferrous Metal Butt Hinges	Marking	IS 205: 1992 Clause 10
14.	Tee & Strap Hinges	Types	IS 206: 2010 Clause 3.1 & 3.2
15.	Tee & Strap Hinges	Dimensions and Tolerances	IS 206: 2010 Clause 5.1 & 5.1.1
16.	Tee & Strap Hinges	Number of Holes in Strap	IS 206: 2010 Clause 5.1 & 5.1.1
17.	Tee & Strap Hinges	Number of Holes in Tee	IS 206: 2010 Clause 5.1 & 5.1.1
18.	Tee & Strap Hinges	Workmanship	IS 206: 2010 Clause 6
19.	Tee & Strap Hinges	Size Designation of Countersunk Head Wood Screws	IS 6760: 1972 Clause 6
20.	Tee & Strap Hinges	Finish	IS 206: 2010 Clause 7
21.	Tee & Strap Hinges	Marking	IS 206: 2010 Clause 10
22.	Parliament Hinges	Types	IS 362: 1991 Clause 3
23.	Parliament Hinges	Dimension & Tolerances -Width Between Flanges	IS 362: 1991 Clause 5, 5.1 & 5.1.1
24.	Parliament Hinges	Dimension & Tolerances -Length	IS 362: 1991 Clause 5, 5.1 & 5.1.1
25.	Parliament Hinges	Dimension & Tolerances -Width	IS 362: 1991 Clause 5, 5.1 & 5.1.1
26.	Parliament Hinges	Dimension & Tolerances - Diameter of Butt	IS 362: 1991 Clause 5, 5.1 & 5.1.1

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Mechanical Properties of Metals		
27.	Parliament Hinges	Dimension & Tolerances - Diameter of Pin	IS 362: 1991 Clause 5, 5.1 & 5.1.1
28.	Parliament Hinges	Dimension & Tolerances -Length of Joint	IS 362: 1991 Clause 5, 5.1 & 5.1.1
29.	Parliament Hinges	Dimension & Tolerances - Thickness of Flap	IS 362: 1991 Clause 5, 5.1 & 5.1.1
30.	Parliament Hinges	Number of Screw Holes	IS 362: 1991 Clause 5, 5.1 & 5.1.1
31.	Parliament Hinges	Holes for Screw Designation	IS 6760: 1972 Clause 5 & 5.1
32.	Parliament Hinges	General	IS 362: 1991 Clause 6.1
33.	Parliament Hinges	Knuckles	IS 362: 1991 Clause 6.2
34.	Parliament Hinges	Pins	IS 362: 1991 Clause 6.3
35.	Parliament Hinges	Screw Holes	IS 6760: 1972 Clause 6.4 & 6.4.1
36.	Parliament Hinges	Finish	IS 362: 1991 Clause 7
37.	Parliament Hinges	Marking	IS 362: 1991 Clause 8
38.	Double Acting Spring Hinges	Types	IS 453: 1993 Clause 3
39.	Double Acting Spring Hinges	Sizes	IS 453: 1993 Clause 5.1
40.	Double Acting Spring Hinges	Dimensions	IS 453: 1993 Clause 6

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Mechanical Properties of Metals		
41.	Double Acting Spring Hinges	Mild Steel Hinges	IS 453: 1993 Clause 7.1
42.	Double Acting Spring Hinges	Brass Hinges	IS 453: 1993 Clause 7.2
43.	Double Acting Spring Hinges	Finish	IS 453: 1993 Clause 8
44.	Double Acting Spring Hinges	Performance Tests	IS 453: 1993 Clause 9.1 & 9.2
45.	Double Acting Spring Hinges	Marking	IS 453: 1993 Clause 10
46.	Steel Butt Hinges	Types	IS 1341: 2018 Clause 3
47.	Steel Butt Hinges	Dimension & Tolerances - Length	IS 1341: 2018 Clause 5.1 & 5.2
48.	Steel Butt Hinges	Dimension & Tolerances - Breadth	IS 1341: 2018 Clause 5.1 & 5.2
49.	Steel Butt Hinges	Dimension & Tolerances - Thickness of Flap	IS 1341: 2018 Clause 5.1 & 5.2
50.	Steel Butt Hinges	Dimension & Tolerances - Diameter of Hinge Pin	IS 1341: 2018 Clause 5.1 & 5.2
51.	Steel Butt Hinges	Number of Knuckles	IS 1341: 2018 Clause 5.1 & 5.2
52.	Steel Butt Hinges	Number of Screw Holes	IS 1341: 2018 Clause 5.1 & 5.2
53.	Steel Butt Hinges	Holes for Screw No.	IS 6760: 1972 Clause 5.1 & 5.2

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Mechanical Properties of Metals		
54.	Steel Butt Hinges	General	IS 1341: 2018 Clause 6.1
55.	Steel Butt Hinges	Knuckles	IS 1341: 2018 Clause 6.2
56.	Steel Butt Hinges	Pins	IS 1341: 2018 Clause 6.3
57.	Steel Butt Hinges	Screw Holes	IS 6760: 1972 Clause 6.4
58.	Steel Butt Hinges	Finish	IS 1341: 2018 Clause 7
59.	Steel Butt Hinges	Marking	IS 1341: 2018 Clause 8
60.	Steel Back Flap Hinges	Types	IS 3843: 1995 Clause 3
61.	Steel Back Flap Hinges	Dimensions & Tolerances – Length	IS 3843: 1995 Clause 5.1 & 5.2
62.	Steel Back Flap Hinges	Dimensions & Tolerances – Breath	IS 3843: 1995 Clause 5.1 & 5.2
63.	Steel Back Flap Hinges	Dimensions & Tolerances – Flap Thickness	IS 3843: 1995 Clause 5.1 & 5.2
64.	Steel Back Flap Hinges	Dimensions & Tolerances – Dia. of Hinge Pin	IS 3843: 1995 Clause 5.1 & 5.2
65.	Steel Back Flap Hinges	Dimensions & Tolerances – Width of Knuckles	IS 3843: 1995 Clause 5.1 & 5.2
66.	Steel Back Flap Hinges	No. of screw Holes	IS 3843: 1995 Clause 5.1 & 5.2

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Mechanical Properties of Metals		
67.	Steel Back Flap Hinges	Screw No.	IS 6760: 1972 Clause 5.1 & 5.2
68.	Steel Back Flap Hinges	General	IS 3843: 1995 Clause 6.1
69.	Steel Back Flap Hinges	Knuckles	IS 3843: 1995 Clause 6.2
70.	Steel Back Flap Hinges	Pins	IS 3843: 1995 Clause 6.3
71.	Steel Back Flap Hinges	Screw Holes	IS 3843: 1995 Clause 6.4
72.	Steel Back Flap Hinges	Finish	IS 3843: 1995 Clause 7
73.	Steel Back Flap Hinges	Marking	IS 3843: 1995 Clause 8
74.	Continuous (Piano) Hinges	Dimensions and Tolerances	IS 3818: 1992 Clause 4
75.	Continuous (Piano) Hinges	Manufacture	IS 3818: 1992 Clause 5.1
76.	Continuous (Piano) Hinges	Knuckles	IS 3818: 1992 Clause 5.2
77.	Continuous (Piano) Hinges	Pins	IS 3818: 1992 Clause 5.3
78.	Continuous (Piano) Hinges	Screw Holes	IS 6760: 1972 Clause 5.4
79.	Continuous (Piano) Hinges	Finish	IS 1868: 1996 Clause 6
80.	Continuous (Piano) Hinges	Marking	IS 3818: 1992 Clause 7
81.	Stainless Steel Butt Hinges	Types	IS 12817: 2020 Clause 3

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Mechanical Properties of Metals		
82.	Stainless Steel Butt Hinges	Size	IS 12817: 2020 Clause 5
83.	Stainless Steel Butt Hinges	Dimensions & Tolerances - Length	IS 12817: 2020 Clause 6.1 & 6.2
84.	Stainless Steel Butt Hinges	Dimensions & Tolerances - Breadth	IS 12817: 2020 Clause 6.1 & 6.2
85.	Stainless Steel Butt Hinges	Dimensions & Tolerances - Thickness of Flap	IS 12817: 2020 Clause 6.1 & 6.2
86.	Stainless Steel Butt Hinges	Dimensions & Tolerances – Dia. of Hinge Pin	IS 12817: 2020 Clause 6.1 & 6.2
87.	Stainless Steel Butt Hinges	Number of Knuckles	IS 12817: 2020 Clause 6.1 & 6.2
88.	Stainless Steel Butt Hinges	Number of Screw Holes	IS 12817: 2020 Clause 6.1 & 6.2
89.	Stainless Steel Butt Hinges	Holes for Screw Number	IS 6760: 1972 Clause 6.1 & 6.2
90.	Stainless Steel Butt Hinges	General	IS 12817: 2020 Clause 7.1
91.	Stainless Steel Butt Hinges	Knuckles	IS 12817: 2020 Clause 7.2
92.	Stainless Steel Butt Hinges	Pins	IS 12817: 2020 Clause 7.3
93.	Stainless Steel Butt Hinges	Screw Holes	IS 6760: 1972 Clause 7.4
94.	Stainless Steel Butt Hinges	Finish	IS 12817: 2020 Clause 8

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Mechanical Properties of Metals		
95.	Stainless Steel Butt Hinges	Marking	IS 12817: 2020 Clause 10
96.	Door Handles	Types	IS 208: 2020 Clause 3
97.	Door Handles	General	IS 208: 2020 Clause 5.1
98.	Door Handles	Dimensions and Tolerances	IS 208: 2020 Clause 6.1 & 6.2
99.	Door Handles	Screw Holes	IS 208: 2020 Clause 6.1 & 6.2
100.	Door Handles	Screw Designation No.	IS 6760: 1972 Clause 6.1 & 6.2
101.	Door Handles	Finish	IS 208: 2020 Clause 7
102.	Door Handles	Pencil Hardness Test	IS 208: 2020 Clause 8.1
103.	Door Handles	Corrosion Test	IS 9844: 1981 Clause 8.2
104.	Door Handles	Anodizing Test	IS 1868: 1996 Clause 8.3
105.	Door Handles	Marking	IS 208: 2020 Clause 10
106.	Copper Rods & Bars for Electrical Purposes	Coefficient of Linear Expansion	IS 613: 2000 Clause 5.2
107.		Mass	IS 613: 2000 Clause 5.3
108.		Free from Defects	IS 613: 2000 Clause 6
109.		Condition of supply	IS 613: 2000 Clause 7

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Mechanical Properties of Metals		
110.		Tensile Test	IS 1608(P-1): 2022 Clause 9.1
111.		Elongation	IS 1608(P-1): 2022 Clause 9.1
112.		Vickers Hardness Test	IS 1501(P-1): 2020 Clause 9.1
113.		Bend Test	IS 1599: 2023 Clause 9.2
114.		Dimensions & Tolerances	IS 613: 2000 Clause 10.1
115.		Tolerances on Length	IS 613: 2000 Clause 10.2
116.		Straightness/ Edgewise Curvature	IS 613: 2000 Clause 10.3
117.		Radius on Edges	IS 613: 2000 Clause 10.4
118.		Electrical Resistivity Test	IS 613: 2000 Clause 11.1
119.		Electrical Conductivity Test	IS 3635: 1996 Clause 11.2
120.		Marking	IS 613: 2000 Clause 14
121.	Copper Strip for Electrical Purposes	Condition of supply	IS 1897: 2008 Clause 5
122.		Mass	IS 1897: 2008 Clause 5.3
123.		Free from Defects	IS 1897: 2008 Clause 7
124.		Tensile Test	IS 1608(P-1): 2022 Clause 8.1

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Mechanical Properties of Metals		
125.		Elongation	IS 1608(P-1): 2022 Clause 8.1
126.		Vickers Hardness Test	IS 1501(P-1): 2020 Clause 8.1
127.		Bend Test	IS 1599: 2023 Clause 8.2
128.		Edgewise Bending	IS 1897: 2008 Clause 8.3
129.		Electrical Resistivity Test	IS 3635: 1996 Clause 9.1
130.		Electrical Conductivity Test	IS 3635: 1996 Clause 9.1
131.		0.1 Percent Proof Stress	IS 1608(P-1): 2022 Clause 10
132.		Dimensions and Tolerances	IS 3052: 1986 Clause 11.1
133.		Radius on Edges or Corner of Strip	IS 1897: 2008 Clause 11.2
134.		Straightness/ Edgewise Curvature	IS 1897: 2008 Clause 11.3
135.	Copper Strip for Electrical Purposes	Marking	IS 1897: 2008 Clause 15
136.	Copper Wire Rods for Electrical Applications	Dimensions - Diameter	IS 12444: 2020 Clause 6.1
137.		Tolerances	IS 12444: 2020 Clause 6.2.1

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Mechanical Properties of Metals		
138.		Tolerances - Ovality of the Wire Rod	IS 12444: 2020 Clause 6.2.2
139.		Freedom from Surface Defects	IS 12444: 2020 Clause 7.1
140.		Tensile Test	IS 1608(P-1): 2022 Clause 8.1
141.		Elongation	IS 1608(P-1): 2022 Clause 8.1
142.		Surface Test (Compression Test)	IS 12444: 2020 Clause 8.2
143.		Volume Resistivity	IS 3635: 1996 Clause 9
144.		Mass Resistivity	IS 3635: 1996 Clause 9
145.		Electrical Conductivity	IS 3635: 1996 Clause 9
146.		Marking	IS 12444: 2020 Clause 13
147.	Copper Tubes for Plumbing	Freedom From Defects	IS 14810: 2000 Clause 6
148.	Copper Tubes for Plumbing	Manufacture	IS 14810: 2000 Clause 8.1
149.	Copper Tubes for Plumbing	Condition of supply	IS 14810: 2000 Clause 9
150.	Copper Tubes for Plumbing	Dimensions and Tolerances – Outside Diameter	IS 14810: 2000 Clause 10.1
151.	Copper Tubes for Plumbing	Dimensions and Tolerances – Thickness	IS 14810: 2000 Clause 10.1

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Mechanical Properties of Metals		
152.	Copper Tubes for Plumbing	Dimensions and Tolerances – Length	IS 5493: 1981 Clause 10.2
153.	Copper Tubes for Plumbing	Tensile Test	IS 1608(P-1): 2022 Clause 11.1
154.	Copper Tubes for Plumbing	Elongation	IS 1608(P-1): 2022 Clause 11.1
155.	Copper Tubes for Plumbing	Drift Expanding Test	IS 2335: 2005 Clause 11.2
156.	Copper Tubes for Plumbing	Hydrostatic Test	IS 14810: 2000 Clause 12
157.	Copper Tubes for Plumbing	Marking	IS 14810: 2000 Clause 14
158.	Wrought Aluminium & Aluminium Alloy for Manufacturing of Utensils	Tensile Strength	IS 1608(P-1): 2022 Clause 4.1 & 4.2
159.		0.2 Percent Proof Stress	IS 1608(P-1): 2022 Clause 4.1 & 4.2
160.		Elongation	IS 1608(P-1): 2022 Clause 4.1 & 4.2
161.		Bend Test	IS 1599: 2023 Clause 4.1 & 4.2
162.		Marking	IS 21: 1992 Clause 5
163.	Wrought Aluminium & Aluminium Alloy Bars, Rods &	Freedom from defects	IS 733: 1992 Clause 4
164.		Tensile Strength	IS 1608(P-1): 2022 Clause 5.1

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Mechanical Properties of Metals		
165.	Sections for General Engineering Purposes	0.2 Percent Proof-Stress	IS 1608(P-1): 2022 Clause 5.1
166.		Elongation	IS 1608(P-1): 2022 Clause 5.1
167.		Dimensions and Tolerances - Diameter	IS 3965: 1981 Clause 7
168.		Dimensions and Tolerances – Width	IS 3965: 1981 Clause 7
169.		Dimensions and Tolerances – Thickness	IS 3965: 1981 Clause 7
170.		Dimensions and Tolerances – Concavity & Convexity	IS 3965: 1981 Clause 7
171.		Dimensions and Tolerances – Straightness	IS 3965: 1981 Clause 7
172.		Dimensions and Tolerances – Twist	IS 3965: 1981 Clause 7
173.		Dimensions and Tolerances – Angular	IS 3965: 1981 Clause 7
174.		Marking	IS 733: 1992 Clause 11
175.	Wrought Aluminium & Aluminium Alloy Forging Stocks	Freedom from defects	IS 734: 1975 Clause 4
176.		Tensile Strength	IS 1608(P-1): 2022 Clause 5.1

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Mechanical Properties of Metals		
177.	& Forging for General Engineering Purposes	0.2 Percent Proof-Stress	IS 1608(P-1): 2022 Clause 5.1
178.		Elongation	IS 1608(P-1): 2022 Clause 5.1
179.		Marking	IS 734: 1975 Clause 11
180.	Wrought Aluminium & Aluminium Alloy, Plate for General Engineering Purposes	Freedom from defects	IS 736: 1986 Clause 4
181.		Tensile Strength	IS 1608(P-1): 2022 Clause 6.1
182.		0.2 Percent Proof-Stress	IS 1608(P-1): 2022 Clause 6.1
183.		Elongation	IS 1608(P-1): 2022 Clause 6.1
184.		Dimensions and Tolerances – Length	IS 2677: 1979 Clause 8
185.		Dimensions and Tolerances – Width	IS 2677: 1979 Clause 8
186.		Dimensions and Tolerances – Thickness	IS 2677: 1979 Clause 8
187.	Wrought Aluminium & Aluminium Alloy, Plate for General Engineering Purposes	Dimensions and Tolerances – Squareness	IS 2677: 1979 Clause 8
188.		Marking	IS 736: 1986 Clause 11
189.		Freedom from defects	IS 737: 2008 Clause 5

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Mechanical Properties of Metals		
190.	Wrought Aluminium & Aluminium Alloy Sheet & Strip for General Engineering Purposes	Tensile Strength	IS 1608(P-1): 2022 Clause 7.1
191.		0.2 Percent Proof Stress	IS 1608(P-1): 2022 Clause 7.1
192.		Elongation	IS 1608(P-1): 2022 Clause 7.1
193.		Bend Test	IS 1599: 2023 Clause 7.2
194.		Dimensions and Tolerances – Length	IS 2676: 1981 Clause 9
195.		Dimensions and Tolerances – Width	IS 2676: 1981 Clause 9
196.		Dimensions and Tolerances – Thickness	IS 2676: 1981 Clause 9
197.		Dimensions and Tolerances – Squareness	IS 2676: 1981 Clause 9
198.	Wrought Aluminium & Aluminium Alloy Sheet & Strip for General Engineering Purposes	Marking	IS 737: 2008 Clause 12
199.	Wrought Aluminium & Aluminium Alloy Wires for General Engineering Purposes	Freedom from defects	IS 739: 1992 Clause 6
200.		Dimensions and Tolerances – Width / Width Across Flat	IS 2525: 1982 Clause 7

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Mechanical Properties of Metals		
201.		Dimensions and Tolerances – Diameter	IS 2525: 1982 Clause 7
202.		Tensile Strength	IS 1608(P-1): 2022 Clause 9.1
203.		Wrapping Test	IS 1755: 2018 Clause 9.3
204.		Marking	IS 739: 1992 Clause 12
205.	Specification For Wrought Aluminium & Aluminium Alloy Rivet Stock for General Engineering Purposes	Freedom from defects	IS 740: 1977 Clause 6
206.		Dimensions and Tolerances – Diameter	IS 3577: 1992 Clause 7
207.		Tensile Strength	IS 1608(P-1): 2022 Clause 4.1
208.		Head Forming Test	IS 740: 1977 Clause 9.2
209.	Specification For Wrought Aluminium & Aluminium Alloy Rivet Stock for General Engineering Purposes	Marking	IS 740: 1977 Clause 11
210.	Corrugated Aluminium Sheet	Freedom from defects	IS 1254: 2007 Clause 3
211.	Corrugated Aluminium Sheet	Dimensions and Tolerances – Thickness	IS 2676: 1981 Clause 7.1
212.	Corrugated Aluminium Sheet	Dimensions and Tolerances – Width	IS 1254: 2007 Clause 7.2

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Mechanical Properties of Metals		
213.	Corrugated Aluminium Sheet	Dimensions and Tolerances – Length	IS 1254: 2007 Clause 7.3
214.	Corrugated Aluminium Sheet	Dimensions and Tolerances - Squareness	IS 1254: 2007 Clause 7.4
215.	Corrugated Aluminium Sheet	Dimensions and Tolerances – Depth of Corrugation	IS 1254: 2007 Clause 7.5
216.	Corrugated Aluminium Sheet	Dimensions and Tolerances – Pitch of Corrugation	IS 1254: 2007 Clause 7.5
217.	Corrugated Aluminium Sheet	Finish	IS 1254: 2007 Clause 8
218.	Corrugated Aluminium Sheet	Marking	IS 1254: 2007 Clause 9
219.	Specification For Wrought Aluminium Wires for Electrical Purposes	Condition	IS 2067: 1975 Clause 5
220.		Freedom from Defects	IS 2067: 1975 Clause 6
221.		Electrical Resistivity	IS 3635: 1966 Clause 7 & 12.4
222.		Tensile Strength	IS 1608(P-1): 2022 Clause 8.1 & 12.1
223.		Elongation Test	IS 1608(P-1): 2022 Clause 8.1 & 12.2
224.		Wrapping Test	IS 2067: 1975 Clause 8.1 & 12.3
225.		Joints	IS 2067: 1975 Clause 9

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Mechanical Properties of Metals		
226.		Tolerances	IS 2067: 1975 Clause 10
227.		Marking	IS 2067: 1975 Clause 15
228.	Wrought Aluminium and Aluminium Alloys Extruded Round Tube and Hollow Sections for General Engineering Purposes	Freedom From Defects	IS 1285: 2023 Clause 6
229.	Round Tube and Hollow Sections for General Engineering Purposes	Dimensions and Tolerances – Outer Diameter	IS 2673: 2002 Clause 8
230.		Dimensions and Tolerances – Wall Thickness	IS 2673: 2002 Clause 8
231.		Dimensions and Tolerances – Ovality	IS 2673: 2002 Clause 8
232.		Dimensions and Tolerances – Length	IS 2673: 2002 Clause 8
233.		Dimensions and Tolerances – Straightness	IS 2673: 2002 Clause 8
234.		Dimensions and Tolerances – Width / Width Across Flat	IS 6477: 1983 Clause 8

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Mechanical Properties of Metals		
235.		Dimensions and Tolerances – Wall Thickness	IS 6477: 1983 Clause 8
236.		Dimensions and Tolerances – Length	IS 6477: 1983 Clause 8
237.		Dimensions and Tolerances – Straightness	IS 6477: 1983 Clause 8
238.		Dimensions and Tolerances – Flatness	IS 6477: 1983 Clause 8
239.	Wrought Aluminium and Aluminium Alloys Extruded Round Tube and Hollow Sections for General Engineering Purposes	Dimensions and Tolerances – Twist	IS 6477: 1983 Clause 8
240.		Dimensions and Tolerances – Angularity	IS 6477: 1983 Clause 8
241.		Tensile Strength	IS 1608(P-1): 2022 Clause 10
242.		0.2 Percent Proof-Stress	IS 1608(P-1): 2022 Clause 10
243.		Elongation	IS 1608(P-1): 2022 Clause 10
244.		Marking	IS 1285: 2023 Clause 14
245.	Wrought Aluminium & Aluminium Alloy Bars, Rods,	Freedom From Defects	IS 5082: 1998 Clause 5
246.		Condition of Supply	IS 5082: 1998 Clause 7

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Mechanical Properties of Metals		
247.	Tube Sections, Plates, and Sheets for Electrical Applications	Tensile Strength	IS 1608(P-1): 2022 Clause 8.1
248.		0.2 Percent Proof Stress	IS 1608(P-1): 2022 Clause 8.1
249.		Elongation	IS 1608(P-1): 2022 Clause 8.1
250.		Bend Test	IS 5082: 1998 Clause 8.2
251.		Electrical Resistivity	IS 3635: 1966 Clause 9
252.	Wrought Aluminium & Aluminium Alloy Bars, Rods, Tube Sections, Plates, and Sheets for Electrical Applications	Electrical Conductivity	IS 3635: 1966 Clause 9
253.		Dimensions and Tolerances - Diameter	IS 3965: 1981 Clause 10
254.		Dimensions and Tolerances - Width	IS 3965: 1981 Clause 10
255.		Dimensions and Tolerances - Thickness	IS 3965: 1981 Clause 10
256.		Dimensions and Tolerances - Concavity & Convexity	IS 3965: 1981 Clause 10
257.		Dimensions and Tolerances - Straightness	IS 3965: 1981 Clause 10
258.		Dimensions and Tolerances - Twist	IS 3965: 1981 Clause 10

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Mechanical Properties of Metals		
259.		Dimensions and Tolerances – Angular	IS 3965: 1981 Clause 10
260.		Dimensions and Tolerances – Outer Diameter	IS 2673: 2002 Clause 10
261.		Dimensions and Tolerances – Wall Thickness	IS 2673: 2002 Clause 10
262.	Wrought Aluminium & Aluminium Alloy Bars, Rods, Tube Sections, Plates, and Sheets for Electrical Applications	Dimensions and Tolerances – Ovality	IS 2673: 2002 Clause 10
263.		Dimensions and Tolerances – Length	IS 2673: 2002 Clause 10
264.		Dimensions and Tolerances – Straightness	IS 2673: 2002 Clause 10
265.		Dimensions and Tolerances – Outside Diameter	IS 2678: 1987 Clause 10
266.		Dimensions and Tolerances – Wall Thickness	IS 2678: 1987 Clause 10
267.		Dimensions and Tolerances – Straightness	IS 2678: 1987 Clause 10
268.		Dimensions and Tolerances – Width / Width Across Flat	IS 6477: 1983 Clause 10

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Mechanical Properties of Metals		
269.	Wrought Aluminium & Aluminium Alloy Bars, Rods, Tube Sections, Plates, and Sheets for Electrical Applications	Dimensions and Tolerances – WALL Thickness	IS 6477: 1983 Clause 10
270.		Dimensions and Tolerances – Length	IS 6477: 1983 Clause 10
271.		Dimensions and Tolerances – Straightness	IS 6477: 1983 Clause 10
272.		Dimensions and Tolerances – Flatness	IS 6477: 1983 Clause 10
273.		Dimensions and Tolerances – Twist	IS 6477: 1983 Clause 10
274.		Dimensions and Tolerances – Angularity	IS 6477: 1983 Clause 10
275.		Dimensions and Tolerances – Length	IS 2676: 1981 Clause 10
276.		Dimensions and Tolerances – Width	IS 2676: 1981 Clause 10
277.		Dimensions and Tolerances – Thickness	IS 2676: 1981 Clause 10
278.		Dimensions and Tolerances – Squareness	IS 2676: 1981 Clause 10

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	Mechanical Properties of Metals		
279.		Dimensions and Tolerances – Length	IS 2677: 1979 Clause 10
280.		Dimensions and Tolerances – Width	IS 2677: 1979 Clause 10
281.		Dimensions and Tolerances – Thickness	IS 2677: 1979 Clause 10
282.	Wrought Aluminium & Aluminium Alloy Bars, Rods, Tube Sections, Plates, and Sheets for Electrical Applications	Dimensions and Tolerances – Squareness	IS 2677: 1979 Clause 10
283.		Marking	IS 5082: 1998 Clause 13.2
284.	Aluminium Alloy Tubes for Irrigation Purposes Welded Tubes	Workmanship and Finish	IS 7092(P-1): 1992 Clause 13.2
285.		Tensile Strength	IS 1608(P-1): 2022 Clause 7.2
286.		0.2 Percent Proof Stress	IS 1608(P-1): 2022 Clause 7.2
287.		Elongation	IS 1608(P-1): 2022 Clause 7.2
288.		Flattening Test	IS 2328: 2018 Clause 7.3
289.		Hydrostatic Pressure Test	IS 7092(P-1): 1992 Clause 7.4
290.		Dimensions and Tolerances – Outside Diameter	IS 7092(P-1): 1992 Clause 8

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	Mechanical Properties of Metals		
291.		Dimensions and Tolerances – Roundness / Ovality	IS 7092(P-1): 1992 Clause 8
292.		Dimensions and Tolerances – Wall Thickness	IS 7092(P-1): 1992 Clause 8
293.	Aluminium Alloy Tubes for Irrigation Purposes Welded Tubes	Dimensions and Tolerances – Length	IS 7092(P-1): 1992 Clause 8.2
294.		Marking	IS 7092(P-1): 1992 Clause 10
295.	Aluminium Alloy Tubes for Irrigation Purposes Extruded Tubes	Workmanship and Finish	IS 7092(P-2): 1987 Clause 4
296.		Ultimate Tensile Strength	IS 1608(P-1): 2022 Clause 6.2
297.		0.2 Percent Proof Stress	IS 1608(P-1): 2022 Clause 6.2
298.		Elongation	IS 1608(P-1): 2022 Clause 6.2
299.		Drift Expanding Test	IS 2335: 2005 Clause 6.3
300.		Hydrostatic Pressure Test	IS 7092(P-2): 1987 Clause 6.4
301.		Dimensions and Tolerances – Outside Diameter	IS 7092(P-2): 1992 Clause 7.1
302.		Dimensions and Tolerances – Roundness / Ovality	IS 7092(P-2): 1992 Clause 7.1
303.		Dimensions and Tolerances – Wall Thickness	IS 7092(P-2): 1992 Clause 7.1

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Mechanical Properties of Metals		
304.		Dimensions and Tolerances – Length	IS 7092(P-2): 1992 Clause 7.2
305.	Aluminium Alloy Tubes for Irrigation Purposes Extruded Tubes	Marking	IS 7092(P-2): 1987 Clause 9
306.	Square Tins for Solid Products	Capacity	IS 916: 2000 Clause 4.1
307.	Square Tins for Solid Products	Dimensions and Tolerances	IS 916: 2000 Clause 4.2
308.	Square Tins for Solid Products	Material - Thickness	IS 916: 2000 Clause 4.3.1
309.	Square Tins for Solid Products	Material – Wire Diameter	IS 916: 2000 Clause 4.3.2
310.	Square Tins for Solid Products	Manufacture	IS 916: 2000 Clause 4.4.1, 4.4.2, 4.4.3, 4.4.4, 4.4.5
311.	Square Tins for Solid Products	Closure - Thickness	IS 916: 2000 Clause 4.4.6
312.	Square Tins for Solid Products	Supply Condition	IS 916: 2000 Clause 4.4.7
313.	Square Tins for Solid Products	Internal Finish	IS 916: 2000 Clause 4.4.8
314.	Square Tins for Solid Products	External Treatment	IS 916: 2000 Clause 4.4.9
315.	Square Tins for Solid Products	Air-Pressure Test	IS 2471: 1963 Clause 5.1
316.	Square Tins for Solid Products	Handle Pull Test	IS 2471: 1963 Clause 5.2

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Mechanical Properties of Metals		
317.	Square Tins for Solid Products	Marking	IS 916: 2000 Clause 7
318.	Drum Large, Fixed Ends (Grade A) Drums	Capacity	IS 1783(P-1): 2014 Clause 4
319.		Dimensions – Internal Diameter	IS 1783(P-1): 2014 Clause 5
320.		Dimensions – External Diameter	IS 1783(P-1): 2014 Clause 5
321.		Dimensions – Dia. Over Chime	IS 1783(P-1): 2014 Clause 5
322.		Dimensions- Total Drum Height	IS 1783(P-1) : 2014 Clause 5
323.		Dimensions – Depth of Top	IS 1783(P-1) : 2014 Clause 5
324.		Dimensions – Clearance from Floor	IS 1783(P-1) : 2014 Clause 5
325.		Dimensions – Distance Between Beads	IS 1783(P-1) : 2014 Clause 5
326.		Dimensions – Centre to Centre Distance Closures	IS 1783(P-1) : 2014 Clause 5
327.		Material – Sheet Thickness	IS 1783(P-1) : 2014 Clause 6
328.		Construction	IS 1783(P-1) : 2014 Clause 7.1, 7.2, 7.3, 7.4, 7.5
329.		Construction –Closures Dimension	IS 1784 : 2020 Clause 7.6

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Mechanical Properties of Metals		
330.	Drum Large, Fixed Ends (Grade A) Drums	Finish	IS 1783(P-1) : 2014 Clause 8
331.		Leakage Tests	IS 1783(P-1) : 2014 Clause 9.1
332.		Drop Test	IS 1783(P-1) : 2014 Clause 9.2
333.		Hydraulic Pressure Test	IS 1783(P-1) : 2014 Clause 9.3
334.		Marking	IS 1783(P-1) : 2014 Clause 11
335.		Capacity	IS 1783(P-2) : 2014 Clause 4
336.		Dimensions – Internal Diameter	IS 1783(P-2) : 2014 Clause 5
337.		Dimensions – External Diameter	IS 1783(P-2) : 2014 Clause 5
338.		Dimensions – Dia. Over Chime	IS 1783(P-2) : 2014 Clause 5
339.		Dimensions- Total Drum Height	IS 1783(P-2) : 2014 Clause 5
340.		Dimensions – Depth of Top	IS 1783(P-2) : 2014 Clause 5
341.		Dimensions – Clearance from Floor	IS 1783(P-2) : 2014 Clause 5
342.		Dimensions – Distance Between Beads	IS 1783(P-2) : 2014 Clause 5
343.	Drum Large, Fixed Ends (Grade B) Drums	Dimensions – Centre to Centre Distance Closures	IS 1783(P-2) : 2014 Clause 5

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Mechanical Properties of Metals		
344.		Material – Sheet Thickness	IS 1783(P-2) : 2014 Clause 6
345.		Construction	IS 1783(P-2) : 2014 Clause 7.1, 7.2, 7.3, 7.4, 7.5 & 7.6
346.		Construction – Closures Dimension	IS 1784 : 2020 Clause 7.7
347.		Finish	IS 1783(P-2) : 2014 Clause 8
348.		Leakage Tests	IS 1783(P-2) : 2014 Clause 9.1
349.		Drop Test	IS 1783(P-2) : 2014 Clause 9.2
350.		Hydraulic Pressure Test	IS 1783(P-2) : 2014 Clause 9.3
351.		Marking	IS 1783(P-2) : 2014 Clause 11
352.	Steel Drums (Galvanized & Ungalvanised)	Capacity	IS 2552 : 1989 Clause 5
353.		Dimensions – Internal Diameter	IS 2552 : 1989 Clause 5
354.		Material – Thickness	IS 2552 : 1989 Clause 6.2
355.		Construction	IS 2552 : 1989 Clause 7.1, 7.2, 7.3
356.	Steel Drums (Galvanized & Ungalvanised)	Construction– Closer	IS 1784 : 2020 Clause 7.4
357.		Construction– Closer	IS 2474 : 1982 Clause 7.4

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Mechanical Properties of Metals		
358.		Construction–Handle Strap Thickness	IS 2552 : 1989 Clause 7.5
359.		Construction–Handle Wire Diameter	IS 2552 : 1989 Clause 7.5
360.		Construction–Handle	IS 2552 : 1989 Clause 7.5.1 & 7.5.2
361.		Finish	IS 2552 : 1989 Clause 8
362.		Air Pressure Test	IS 2552 : 1989 Clause 9.1
363.		Drop Test	IS 2552 : 1989 Clause 9.2
364.		Handle Pull Test	IS 2552 : 1989 Clause 9.3
365.		Marking	IS 2552 : 1989 Clause 10
366.	Bitumen Drums Specification	Dimensions - Drums	IS 3575 : 1993 Clause 4.1
367.	Bitumen Drums Specification	Dimensions – Closure	IS 3575 : 1993 Clause 4.2
368.	Bitumen Drums Specification	Material – Thickness	IS 3575 : 1993 Clause 5
369.	Bitumen Drums Specification	Construction	IS 3575 : 1993 Clause 6
370.	Bitumen Drums Specification	Finish	IS 3575 : 1993 Clause 7
371.	Bitumen Drums Specification	Air Pressure Test	IS 2471 : 1963 Clause 8

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Mechanical Properties of Metals		
372.	Bitumen Drums Specification	Marking	IS 3575 : 1993 Clause 10
373.	Square Tins 15 Kg/litre For Ghee, Vanaspati & Edible Oils & Bakery Shortenings-Specification	Dimensions and Tolerances	IS 10325 : 2000 Clause 4.1
374.		Material - Thickness	IS 10325 : 2000 Clause 4.2.1
375.		Material – Handle Wire Diameter	IS 10325 : 2000 Clause 4.2.2
376.		Manufacture	IS 10325 : 2000 Clause 4.3.1, 4.3.2, 4.3.3, 4.3.6
377.		Manufacture – Closer Dimension	IS 10325 : 2000 Clause 4.3.4
378.		Manufacture – Wire Handle Dimension	IS 10325 : 2000 Clause 4.3.5
379.		Air-Pressure Test	IS 2471 : 1963 Clause 5.1
380.		Handle Pull Test	IS 2471 : 1963 Clause 5.2
381.		Hydraulic Pressure Test	IS 2471 : 1963 Clause 5.3
382.		Marking	IS 10325 : 2000 Clause 7
383.	Drum, Large Open Top – Specification	Capacity	IS 13997 : 2014 Clause 4
384.		Dimensions – Internal Diameter	IS 13997 : 2014 Clause 5
385.		Dimensions – External Diameter	IS 13997 : 2014 Clause 5

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Mechanical Properties of Metals		
386.		Dimensions – Dia. Over Chime	IS 13997 : 2014 Clause 5
387.		Dimensions- Diameter Over Closing Ring	IS 13997 : 2014 Clause 5
388.		Dimensions- Total Drum Height	IS 13997 : 2014 Clause 5
389.		Dimensions – Height with cover off	IS 13997 : 2014 Clause 5
390.		Dimensions – Depth of Top	IS 13997 : 2014 Clause 5
391.		Dimensions – Clearance from Floor	IS 13997 : 2014 Clause 5
392.		Dimensions – Distance Between Beads	IS 13997 : 2014 Clause 5
393.		Dimensions – Centre to Centre Distance Closures	IS 13997 : 2014 Clause 5
394.		Material	IS 13997 : 2014 Clause 6.2
395.		Construction	IS 13997 : 2014 Clause 7
396.		Finish	IS 13997 : 2014 Clause 8
397.		Leakage Test	IS 13997 : 2014 Clause 9.1 & 9.2
398.		Marking	IS 13997 : 2014 Clause 11

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Mechanical Properties of Metals		
399.	Hexagon Head Bolts, Screws & Nuts of Product Grade C- Part 1 Hexagon Head Bolts (Size M5 to M64)	Dimensions – Thread, d	IS 1363 (P- 1): 2023 Clause 4
400.		Dimensions – p	IS 1363 (P- 1): 2023 Clause 4
401.		Dimensions – b	IS 1363 (P- 1): 2023 Clause 4
402.		Dimensions – c	IS 1363 (P- 1): 2023 Clause 4
403.		Dimensions – da	IS 1363 (P- 1): 2023 Clause 4
404.		Dimensions – ds	IS 1363 (P- 1): 2023 Clause 4
405.		Dimensions – dw	IS 1363 (P- 1): 2023 Clause 4
406.		Dimensions – e	IS 1363 (P- 1): 2023 Clause 4
407.		Dimensions – k	IS 1363 (P- 1): 2023 Clause 4
408.		Dimensions – kw	IS 1363 (P- 1): 2023 Clause 4
409.		Dimensions – lf	IS 1363 (P- 1): 2023 Clause 4
410.		Dimensions – r	IS 1363 (P- 1): 2023 Clause 4
411.	Hexagon Head Bolts, Screws & Nuts of Product Grade C- Part 1 Hexagon Head Bolts (Size M5 to M64)	Dimensions – s	IS 1363 (P- 1): 2023 Clause 4
412.		Dimensions – l	IS 1363 (P- 1): 2023 Clause 4
413.		Dimensions – ls	IS 1363 (P- 1): 2023 Clause 4
414.		Dimensions – lg	IS 1363 (P- 1): 2023 Clause 4

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Mechanical Properties of Metals		
415.		Dimensions – β	IS 1363 (P- 1): 2023 Clause 4
416.		Material	IS 1363 (P- 1): 2023 Clause 5
417.		General Requirements	IS 1367 (P- 1) : 2014 Clause 5
418.		Thread (8g)	IS 14962(P- 1) : 2018 Clause 5
419.		Tensile Strength	IS 1608(P-1) : 2022 Clause 5
420.		Tensile Strength under Wedge Loading	IS 1608(P-1) : 2022 Clause 5
421.		Lower Yield Strength	IS 1608(P-1) : 2022 Clause 5
422.		0.2 % Proof Stress	IS 1608(P-1) : 2022 Clause 5
423.		Stress at 0.0048d Non-Proportional Elongation	IS 1608(P-1) : 2022 Clause 5
424.		Stress Under Proof Load	IS 1608(P-1) : 2022 Clause 5
425.		Proof Strength Ratio	IS 1608(P-1) : 2022 Clause 5
426.		% Elongation After Fracture for Machined Test Pieces	IS 1608(P-1) : 2022 Clause 5
427.	Hexagon Head Bolts, Screws & Nuts of Product Grade C- Part 1	% Reduction of Area After Fracture for Machined Test Pieces	IS 1608(P-1) : 2022 Clause 5

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Mechanical Properties of Metals		
428.	Hexagon Head Bolts (Size M5 to M64)	Elongation After Fracture for Full Size Fasteners	IS 1608(P-1) : 2022 Clause 5
429.		Head Soundness	IS 1367(P- 3) : 2017 Clause 5
430.		Vickers Hardness	IS 1501(P-1) : 2020 Clause 5
431.		Brinell Hardness	IS 1500(P-1) : 2019 Clause 5
432.		Rockwell Hardness	IS 1586(P-1) : 2018 Clause 5
433.		Rockwell Hardness	IS 1586(P-1) : 2018 Clause 5
434.		Surface Hardness	IS 1501(P-1) : 2020 Clause 5
435.		Non-carburization	IS 1501(P-1) : 2020 Clause 5
436.		Height of non-Decarburized Thread Zone, E	IS 1367(P- 3) : 2017 Clause 5
437.		Depth of complete decarburization in the thread, G	IS 1367(P- 3) : 2017 Clause 5
438.		Reduction of Hardness after Retempering	IS 1501(P-1) : 2020 Clause 5
439.		Breaking torque	IS 1367(P- 20) : 1996 Clause 5
440.		Impact Strength	IS 1757(P-1) : 2020 Clause 5

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Mechanical Properties of Metals		
441.		Ultimate Tensile Load	IS 1367(P- 3) : 2017 Clause 5
442.		Proof Loads	IS 1367(P- 3) : 2017 Clause 5
443.		Tolerances	IS 1367(P- 2) : 2002 Clause 5
444.		Surface Condition (Electroplated Coating)	IS 1367(P- 11) : 2020 Clause 5
445.	Hexagon Head Bolts, Screws & Nuts of Product Grade C- Part 1	Surface Condition (Non-Electrolytically Zinc Flake Coatings)	IS 10683 : 2024 Clause 5
446.	Hexagon Head Bolts (Size M5 to M64)	Surface Condition (Hot Dip Galvanized Coating)	IS 1367(P- 13) : 2020 Clause 5
447.		Surface Integrity	IS 1367(P- 9/Sec-1) : 1993 Clause 5
448.		Marking and Labelling	IS 1363(P- 1) : 2023 Clause 6.1
449.		Designation	IS 1363(P- 1) : 2023 Clause 7
450.	Hexagon Head Bolts, Screws & Nuts of Product Grade C- Part 2	Dimensions – Thread, d	IS: 1363: (P- 2): 2023 Clause 4
451.	Hexagon Head Screws (Size M5 to M64)	Dimensions – p	IS: 1363: (P- 2): 2023 Clause 4
452.		Dimensions – a	IS: 1363: (P- 2): 2023 Clause 4
453.		Dimensions – c	IS: 1363: (P- 2): 2023 Clause 4

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Mechanical Properties of Metals		
454.		Dimensions – da	IS: 1363: (P- 2): 2023 Clause 4
455.		Dimensions – dw	IS: 1363: (P- 2): 2023 Clause 4
456.		Dimensions – e	IS: 1363: (P- 2): 2023 Clause 4
457.		Dimensions – k	IS: 1363: (P- 2): 2023 Clause 4
458.		Dimensions – kw	IS: 1363: (P- 2): 2023 Clause 4
459.	Hexagon Head Bolts, Screws & Nuts of Product Grade C- Part 2 Hexagon Head Screws (Size M5 to M64)	Dimensions – r	IS: 1363: (P- 2): 2023 Clause 4
460.		Dimensions – s	IS: 1363: (P- 2): 2023 Clause 4
461.		Dimensions – l	IS: 1363: (P- 2): 2023 Clause 4
462.		Dimensions – β	IS: 1363: (P- 2): 2023 Clause 4
463.		Material	IS 1363 (P-2): 2023 Clause 5
464.		General Requirements	IS 1367 (P- 1) : 2014 Clause 5
465.		Thread (8g)	IS 14962(P- 1) : 2018 Clause 5
466.		Tensile Strength	IS 1608(P-1) : 2022 Clause 5
467.		Tensile Strength under Wedge Loading	IS 1608(P-1) : 2022 Clause 5
468.		Lower Yield Strength	IS 1608(P-1) : 2022 Clause 5

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Mechanical Properties of Metals		
469.		0.2 % Proof Stress	IS 1608(P-1) : 2022 Clause 5
470.		Stress at 0.0048d Non-Proportional Elongation	IS 1608(P-1) : 2022 Clause 5
471.		Stress Under Proof Load	IS 1608(P-1) : 2022 Clause 5
472.		Proof Strength Ratio	IS 1608(P-1) : 2022 Clause 5
473.		% Elongation After Fracture for Machined Test Pieces	IS 1608(P-1) : 2022 Clause 5
474.		% Reduction of Area After Fracture for Machined Test Pieces	IS 1608(P-1) : 2022 Clause 5
475.	Hexagon Head Bolts, Screws and Nuts of Product Grade C Part 2 Hexagon Head Screws (Size Range M5 To M64)	Elongation After Fracture for Full Size Fasteners	IS 1608(P-1) : 2022 Clause 5
476.		Head Soundness	IS 1367(P- 3) : 2017 Clause 5
477.		Vickers Hardness	IS 1501(P-1) : 2020 Clause 5
478.		Brinell Hardness	IS 1500(P-1) : 2019 Clause 5
479.		Rockwell Hardness	IS 1586(P-1) : 2018 Clause 5
480.		Rockwell Hardness	IS 1586(P-1) : 2018 Clause 5
481.		Surface Hardness	IS 1501(P-1) : 2020 Clause 5

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Mechanical Properties of Metals		
482.		Non-carburization	IS 1501(P-1) : 2020 Clause 5
483.		Height of non-Decarburized Thread Zone, E	IS 1367(P- 3) : 2017 Clause 5
484.		Depth of complete decarburization in the thread, G	IS 1367(P- 3) : 2017 Clause 5
485.		Reduction of Hardness after Retempering	IS 1501(P-1) : 2020 Clause 5
486.		Breaking torque	IS 1367(P- 20) : 1996 Clause 5
487.		Impact Strength	IS 1757(P-1) : 2020 Clause 5
488.		Ultimate Tensile Load	IS 1367(P- 3) : 2017 Clause 5
489.		Proof Loads	IS 1367(P- 3) : 2017 Clause 5
490.		Tolerances	IS 1367(P- 2) : 2002 Clause 5
491.	Hexagon Head Bolts, Screws and Nuts of Product Grade C Part 2 Hexagon Head Screws (Size Range M5 To M64)	Surface Condition (Electroplated Coating)	IS 1367(P- 11) : 2020 Clause 5
492.		Surface Condition (Non-Electrolytically Zinc Flake Coatings)	IS 10683: 2024 Clause 5
493.		Surface Condition (Hot Dip Galvanized Coating)	IS 1367(P- 13): 2020 Clause 5

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Mechanical Properties of Metals		
494.		Surface Integrity	IS 1367(P- 9/Sec-1) : 1993 Clause 5
495.		Marking and Labelling	IS 1363(P- 2) : 2023 Clause 6.1
496.		Designation	IS 1363(P- 2) : 2023 Clause 7
497.	Hexagon Head Bolts, Screws & Nuts of Product Grade C Part- 3 (Style 1) Hexagon Nuts (Size M5 To M64)	Dimensions – Thread, D	IS: 1363: (P- 3): 2023 Clause 3
498.		Dimensions – P	IS: 1363: (P- 3): 2023 Clause 3
499.		Dimensions – dw	IS: 1363: (P- 3): 2023 Clause 3
500.		Dimensions – e	IS: 1363: (P- 3): 2023 Clause 3
501.		Dimensions – m	IS: 1363: (P- 3): 2023 Clause 3
502.		Dimensions – mw	IS: 1363: (P- 3): 2023 Clause 3
503.		Dimensions – s	IS: 1363: (P- 3): 2023 Clause 3
504.		Dimensions – β	IS: 1363: (P- 3): 2023 Clause 3
505.		Dimensions – θ	IS: 1363: (P- 3): 2023 Clause 3
506.		Material	IS: 1363: (P- 3): 2023 Clause 4
507.		General Requirement	IS 1367 (P- 1) : 2014 Clause 4
508.		Thread	IS 14962 (P- 1) : 201 Clause 4

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Mechanical Properties of Metals		
509.	Hexagon Head Bolts, Screws & Nuts of Product Grade C Part- 3 (Style 1) Hexagon Nuts (Size M5 To M64)	Thread	IS 4218 (P-3) : 1999 Clause 4
510.		Proof Load	IS 1367 (P- 6) : 2018 Clause 4
511.		Vickers Hardness	IS 1501(P- 1) : 2020 Clause 4
512.		Brinell Hardness	IS 1500(P- 1) : 2019 Clause 4
513.		Rockwell Hardness	IS 1586(P- 1) : 2018 Clause 4
514.		Surface Integrity	IS 1367(P- 10) : 2002 Clause 4
515.		Marking	IS 1367 (P- 6) : 2018 Clause 4
516.		Tolerances	IS 1367(P- 2) : 2002 Clause 4
517.		Surface Condition (Electroplated Coating)	IS 1367(P- 11) : 2020 Clause 4
518.		Surface Condition (Non-Electrolytically Zinc Flake Coatings)	IS 10683 : 2024 Clause 4
519.		Surface Condition (Hot Dip Galvanized Coating)	IS 1367(P- 13) : 2020 Clause 4
520.		Designation	IS 1363 (P- 3) : 2018 Clause 5
521.		Dimensions – Thread, d	IS 1364 (P- 1) : 2023 Clause 4

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Mechanical Properties of Metals		
522.	Hexagon Head Bolts, Screws & Nuts of Product Grades A&B Part 1 Hexagon Head Bolts (Size M1.6 to M64)	Dimensions – p	IS 1364 (P- 1) : 2023 Clause 4
523.		Dimensions – b	IS 1364 (P- 1) : 2023 Clause 4
524.		Dimensions – c	IS 1364 (P- 1) : 2023 Clause 4
525.		Dimensions – da	IS 1364 (P- 1) : 2023 Clause 4
526.		Dimensions – ds	IS 1364 (P- 1) : 2023 Clause 4
527.		Dimensions – dw	IS 1364 (P- 1) : 2023 Clause 4
528.		Dimensions – e	IS 1364 (P- 1) : 2023 Clause 4
529.		Dimensions – k	IS 1364 (P- 1) : 2023 Clause 4
530.		Dimensions – kw	IS 1364 (P- 1) : 2023 Clause 4
531.		Dimensions – lf	IS 1364 (P- 1) : 2023 Clause 4
532.		Dimensions – r	IS 1364 (P- 1) : 2023 Clause 4
533.		Dimensions – s	IS 1364 (P- 1) : 2023 Clause 4
534.		Dimensions – l	IS 1364 (P- 1) : 2023 Clause 4
535.		Dimensions – ls	IS 1364 (P- 1) : 2023 Clause 4
536.		Dimensions – lg	IS 1364 (P- 1) : 2023 Clause 4

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Mechanical Properties of Metals		
537.		Dimensions – β	IS 1364 (P- 1) : 2023 Clause 4
538.		Material	IS 1364 (P- 1) : 2023 Clause 5
539.		General Requirements	IS 1364 (P- 1) : 2023 Clause 5
540.		Thread (6g)	IS 14962(P- 1) : 2018 Clause 5
541.	Hexagon Head Bolts, Screws & Nuts of Product Grades A&B Part 1 Hexagon Head Bolts (Size M1.6 to M64)	Tensile Strength	IS 1608(P-1) : 2022 Clause 5
542.		Tensile Strength under Wedge Loading	IS 1608(P-1) : 2022 Clause 5
543.		Lower Yield Strength	IS 1608(P-1) : 2022 Clause 5
544.		0.2 % Proof Stress	IS 1608(P-1) : 2022 Clause 5
545.		Stress at 0.0048d Non-Proportional Elongation	IS 1608(P-1) : 2022 Clause 5
546.		Stress Under Proof Load	IS 1608(P-1) : 2022 Clause 5
547.		Proof Strength Ratio	IS 1608(P-1) : 2022 Clause 5
548.		% Elongation After Fracture for Machined Test Pieces	IS 1608(P-1) : 2022 Clause 5
549.		% Reduction of Area After Fracture for Machined Test Pieces	IS 1608(P-1) : 2022 Clause 5

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Mechanical Properties of Metals		
550.	Hexagon Head Bolts, Screws & Nuts of Product Grades A&B Part 1 Hexagon Head Bolts (Size M1.6 to M64)	Elongation After Fracture for Full Size Fasteners	IS 1608(P-1) : 2022 Clause 5
551.		Head Soundness	IS 1367(P- 3) : 2017 Clause 5
552.		Vickers Hardness	IS 1501(P-1) : 202 Clause 5
553.		Brinell Hardness	IS 1500(P-1) : 2019 Clause 5
554.		Rockwell Hardness	IS 1586(P-1) : 2018 Clause 5
555.		Rockwell Hardness	IS 1586(P-1) : 2018 Clause 5
556.		Surface Hardness	IS 1501(P-1) : 2020 Clause 5
557.		Non-carburization	IS 1501(P-1) : 2020 Clause 5
558.		Height of non-Decarburized Thread Zone, E	IS 1367(P- 3) : 2017 Clause 5
559.		Depth of complete decarburization in the thread, G	IS 1367(P- 3) : 2017 Clause 5
560.		Reduction of Hardness after Retempering	IS 1501(P-1) : 2020 Clause 5
561.		Breaking torque	IS 1367(P- 20) : 1996 Clause 5
562.		Impact Strength	IS 1757(P-1) : 2020 Clause 5

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Mechanical Properties of Metals		
563.		Ultimate Tensile Load	IS 1367(P- 3) : 2017 Clause 5
564.		Proof Loads	IS 1367(P- 3) : 2017 Clause 5
565.		Load at Rpf	IS 1367(P- 3) : 2017 Clause 5
566.		Tolerances	IS 1367(P- 2) : 2002 Clause 5
567.		Surface Condition (Electroplated Coating)	IS 1367(P- 11) : 2020 Clause 5
568.		Surface Condition (Non-Electrolytically Zinc Flake Coatings)	IS 10683 : 2024 Clause 5
569.		Surface Condition (Hot Dip Galvanized Coating)	IS 1367(P- 13) : 2020 Clause 5
570.		Surface Integrity	IS 1367(P- 9/Sec-1) : 1993 Clause 5
571.		Surface Integrity	IS 1367(P- 9/Sec-2) : 1993 Clause 5
572.	Hexagon Head Bolts, Screws & Nuts of Product Grades A&B	Marking	IS 1364(P- 1) : 2023 Clause 6.1
573.	Part 1 Hexagon Head Bolts (Size M1.6 to M64)	Designation	IS 1364(P- 1) : 2023 Clause 7

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Mechanical Properties of Metals		
574.	Hexagon Head Bolts, Screws & Nuts of Product Grades A&B Part 2 Hexagon Head Screws (Size M1.6 to M64)	Dimensions – Thread, d	IS 1364(P- 2) : 2023 Clause 4
575.		Dimensions – p	IS 1364(P- 2) : 2023 Clause 4
576.		Dimensions – a	IS 1364(P- 2) : 2023 Clause 4
577.		Dimensions – c	IS 1364(P- 2) : 2023 Clause 4
578.		Dimensions – da	IS 1364(P- 2) : 2023 Clause 4
579.		Dimensions – dw	IS 1364(P- 2) : 2023 Clause 4
580.		Dimensions – e	IS 1364(P- 2) : 2023 Clause 4
581.		Dimensions – k	IS 1364(P- 2) : 2023 Clause 4
582.		Dimensions – kw	IS 1364(P- 2) : 2023 Clause 4
583.		Dimensions – r	IS 1364(P- 2) : 2023 Clause 4
584.		Dimensions – s	IS 1364(P- 2) : 2023 Clause 4
585.		Dimensions – l	IS 1364(P- 2) : 2023 Clause 4
586.		Dimensions – β	IS 1364(P- 2) : 2023 Clause 4
587.		Material	IS 1364(P- 2) : 2023 Clause 5
588.		General Requirements	IS 1367 (P- 1) : 2014 Clause 5

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Mechanical Properties of Metals		
589.	Hexagon Head Bolts, Screws & Nuts of Product Grades A&B Part 2 Hexagon Head Screws (Size M1.6 to M64)	Thread (6g)	IS 14962(P- 1) : 2018 Clause 5
590.		Tensile Strength	IS 1608(P-1) : 2022 Clause 5
591.		Tensile Strength under Wedge Loading	IS 1608(P-1) : 2022 Clause 5
592.		Lower Yield Strength	IS 1608(P-1) : 2022 Clause 5
593.		0.2 % Proof Stress	IS 1608(P-1) : 2022 Clause 5
594.		Stress at 0.0048d Non Proportional Elongation	IS 1608(P-1) : 2022 Clause 5
595.		Stress Under Proof Load	IS 1608(P-1) : 2022 Clause 5
596.		Proof Strength Ratio	IS 1608(P-1) : 2022 Clause 5
597.		% Elongation After Fracture for Machined Test Pieces	IS 1608(P-1) : 2022 Clause 5
598.		% Reduction of Area After Fracture for Machined Test Pieces	IS 1608(P-1) : 2022 Clause 5
599.		Elongation After Fracture for Full Size Fasteners	IS 1608(P-1) : 2022 Clause 5
600.		Head Soundness	IS 1367(P- 3) : 2017 Clause 5

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Mechanical Properties of Metals		
601.	Hexagon Head Bolts, Screws & Nuts of Product Grades A&B Part 2 Hexagon Head Screws (Size M1.6 to M64)	Vickers Hardness	IS 1501(P-1) : 2020 Clause 5
602.		Brinell Hardness	IS 1500(P-1) : 2019 Clause 5
603.		Rockwell Hardness	IS 1586(P-1) : 2018 Clause 5
604.		Rockwell Hardness	IS 1586(P-1) : 2018 Clause 5
605.		Surface Hardness	IS 1501(P-1) : 2020 Clause 5
606.		Non-carburization	IS 1501(P-1) : 2020 Clause 5
607.		Height of non-Decarburized Thread Zone, E	IS 1367(P- 3) : 2017 Clause 5
608.		Depth of complete decarburization in the thread, G	IS 1367(P- 3) : 2017 Clause 5
609.		Reduction of Hardness after Retempering	IS 1501(P-1) : 2020 Clause 5
610.		Breaking torque	IS 1367(P- 20) : 1996 Clause 5
611.		Impact Strength	IS 1757(P-1) : 2020 Clause 5
612.		Ultimate Tensile Load	IS 1367(P- 3) : 2017 Clause 5
613.		Proof Loads	IS 1367(P- 3) : 2017 Clause 5
614.		Tolerances	IS 1367(P- 2) : 2002 Clause 5

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Mechanical Properties of Metals		
615.		Surface Condition (Electroplated Coating)	IS 1367(P- 11) : 2020 Clause 5
616.		Surface Condition (Non-Electrolytically Zinc Flake Coatings)	IS 10683 : 2024 Clause 5
617.		Surface Condition (Hot Dip Galvanized Coating)	IS 1367(P- 13) : 2020 Clause 5
618.		Surface Integrity	IS 1367(P- 9/Sec-1) : 1993 Clause 5
619.		Surface Integrity	IS 1367(P- 9/Sec-2) : 1993 Clause 5
620.		Marking	IS 1364(P- 2) : 2023 Clause 6.1
621.		Designation	IS 1364(P- 2) : 2023 Clause 7
622.	Indicating Bolts Used in Public Baths & Lavatories	Dimensions and tolerances	IS : 4621 – 1975 Clause 4.1
623.		Dimensions and tolerances – Screw Designation No.	IS : 4621 – 1975 Clause 4.1
624.		Dimensions and tolerances – No of Holes	IS : 4621 – 1975 Clause 4.1
625.		Workmanship and Finish	IS : 4621 – 1975 Clause 7.1

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Mechanical Properties of Metals		
626.		Marking	IS : 4621 – 1975 Clause 8.1
627.		Dimensions and Tolerances	IS 10238 : 2001 Clause 3
628.		Grades	IS 10238 : 2001 Clause 4
629.		Tensile Strength	IS 1608(P-1) : 2022 Clause 5
630.		Tensile Strength under Wedge Loading	IS 1608(P-1) : 2022 Clause 5
631.		Lower Yield Strength	IS 1608(P-1) : 2022 Clause 5
632.	Fasteners - Threaded Steel Fastener, Step Bolts for Steel Structures – Specification	Stress Under Proof Load	IS 1608(P-1) : 2022 Clause 5
633.		Proof Strength Ratio	IS 1608(P-1) : 2022 Clause 5
634.		% Elongation After Fracture for Machined Test Pieces	IS 1608(P-1) : 2022 Clause 5
635.		Head Soundness	IS 1367(P- 3) : 2017 Clause 5
636.		Vickers Hardness	IS 1501(P-1) : 2020 Clause 5
637.		Brinell Hardness	IS 1500(P-1) : 2019 Clause 5
638.		Rockwell Hardness	IS 1586(P-1) : 2018 Clause 5
639.		Surface Integrity	IS 1367(P- 9/Sec-1) : 1993 Clause 5

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Mechanical Properties of Metals		
640.	Fasteners - Threaded Steel Fastener, Step Bolts for Steel Structures – Specification	Ultimate Tensile Load	IS 1367(P- 3) : 2017 Clause 5
641.		Proof Loads	IS 1367(P- 3) : 2017 Clause 5
642.		Nuts	IS 14394 : 1996 Clause 6.1
643.		Washers	IS 2016 : 1967 Clause 6.2
644.		General Requirements	IS 1367: (Part-9/Sec-2): 1993 Clause 7
645.		Finish	IS 1367: (Part - 13): 2020 Clause 8.1
646.		Finish	IS 4759 : 1996 Clause 8.2
647.		Finish	IS 10238 : 2001 Clause 8.3
648.		Tests	IS 10238 : 2001 Clause 10.1
649.		Designation	IS 10238 : 2001 Clause 11
650.		Marking	IS 1367: (Part - 3): 2017 Clause 12.1
651.	Fasteners - Threaded Steel	Dimensions – Thread size d	IS 12427: 2001 Clause 3.1
652.	Fasteners - Hexagon Head Transmission Tower Bolts – Specification	Dimensions – Pitch of Thread P	IS 12427: 2001 Clause 3.1
653.		Dimensions – b	IS 12427: 2001 Clause 3.1

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Mechanical Properties of Metals		
654.	Fasteners - Threaded Steel Fasteners - Hexagon Head Transmission Tower Bolts – Specification	Dimensions – C	IS 12427: 2001 Clause 3.1
655.		Dimensions – da	IS 12427: 2001 Clause 3.1
656.		Dimensions – ds	IS 12427: 2001 Clause 3.1
657.		Dimensions – dw	IS 12427: 2001 Clause 3.1
658.		Dimensions – e	IS 12427: 2001 Clause 3.1
659.		Dimensions – k	IS 12427: 2001 Clause 3.1
660.		Dimensions – k'	IS 12427: 2001 Clause 3.1
661.		Dimensions – r	IS 12427: 2001 Clause 3.1
662.		Dimensions – s	IS 12427: 2001 Clause 3.1
663.		Dimensions – ls	IS 12427: 2001 Clause 3.2
664.		Dimensions – lg	IS 12427: 2001 Clause 3.2
665.		Dimensions – Grip Range	IS 12427: 2001 Clause 3.2
666.		Dimensions – Thread Tolerance (8g)	IS 2334: 2001 Clause 3.3
667.		Grades	IS 1367: (Part - 2): 2002 Clause 4
668.		Nuts	IS 14394: 1996 Clause 5.1

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Mechanical Properties of Metals		
669.		Washers	IS 2016: 1967 Clause 5.2
670.		Tensile Strength	IS 1608(P-1) : 2022 Clause 6.1
671.		Tensile Strength under Wedge Loading	IS 1608(P-1) : 2022 Clause 6.1
672.		Lower Yield Strength	IS 1608(P-1) : 2022 Clause 6.1
673.		0.2 % Proof Stress	IS 1608(P-1) : 2022 Clause 6.1
674.		Stress at 0.0048d Non Proportional Elongation	IS 1608(P-1) : 2022 Clause 6.1
675.		Stress Under Proof Load	IS 1608(P-1) : 2022 Clause 6.1
676.		Proof Strength Ratio	IS 1608(P-1) : 2022 Clause 6.1
677.		% Elongation After Fracture for Machined Test Pieces	IS 1608(P-1) : 2022 Clause 6.1
678.		% Reduction of Area After Fracture for Machined Test Pieces	IS 1608(P-1) : 2022 Clause 6.1
679.	Fasteners - Threaded Steel Fasteners - Hexagon Head Transmission Tower Bolts – Specification	Elongation After Fracture for Full Size Fasteners	IS 1608(P-1) : 2022 Clause 6.1
680.		Head Soundness	IS 1367(P- 3) : 2017 Clause 6.1

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Mechanical Properties of Metals		
681.		Vickers Hardness	IS 1501(P-1) : 2020 Clause 6.1
682.		Brinell Hardness	IS 1500(P-1) : 2019 Clause 6.1
683.		Rockwell Hardness	IS 1586(P-1) : 2018 Clause 6.1
684.		Rockwell Hardness	IS 1586(P-1) : 2018 Clause 6.1
685.		Non-carburization	IS 1501(P-1) : 2020 Clause 6.1
686.		Height of non-Decarburized Thread Zone, E	IS 1367(P- 3) : 2017 Clause 6.1
687.		Depth of complete decarburization in the thread, G	IS 1367(P- 3) : 2017 Clause 6.1
688.		Reduction of Hardness after Retempering	IS 1501(P-1) : 2020 Clause 6.1
689.		Breaking torque	IS 1367(P- 20) : 1996 Clause 6.1
690.		Impact Strength	IS 1757(P-1) : 2020 Clause 6.1
691.		Ultimate Tensile Load	IS 1367(P- 3) : 2017 Clause 6.1
692.		Proof Loads	IS 1367(P- 3) : 2017 Clause 6.1
693.		Shear Strength	IS 12427 : 2001 Clause 6.2
694.		Finish	IS 1367(P- 13) : 2020 Clause 7.1

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Mechanical Properties of Metals		
695.	Fasteners - Threaded Steel Fasteners - Hexagon Head Transmission Tower Bolts – Specification	Finish	IS 4759 : 1996 Clause 7.2
696.		Finish	IS 12427 : 2001 Clause 7.3
697.		General Requirements (Surface Integrity)	IS 1367(P- 9/Sec-1) : 1993 Clause 8
698.		Designation	IS 12427: 2001 Clause 9
699.		Marking	IS 12427: 2001 Clause 11
700.	Specification for High Strength Structural Bolts	Dimensions & Tolerances – Thread Size d	IS 3757: 1985 Clause 2.1
701.		Dimensions & Tolerances – p	IS 3757: 1985 Clause 2.1
702.		Dimensions & Tolerances – b	IS 3757: 1985 Clause 2.1
703.		Dimensions & Tolerances – c	IS 3757: 1985 Clause 2.1
704.		Dimensions & Tolerances – da	IS 3757: 1985 Clause 2.1
705.		Dimensions & Tolerances – ds	IS 3757: 1985 Clause 2.1
706.		Dimensions & Tolerances – dw	IS 3757: 1985 Clause 2.1
707.		Dimensions & Tolerances – e	IS 3757: 1985 Clause 2.1
708.		Dimensions & Tolerances – k	IS 3757: 1985 Clause 2.1

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Mechanical Properties of Metals		
709.		Dimensions & Tolerances – k'	IS 3757: 1985 Clause 2.1
710.		Dimensions & Tolerances – r	IS 3757: 1985 Clause 2.1
711.		Dimensions & Tolerances – s	IS 3757: 1985 Clause 2.1
712.		Dimensions & Tolerances – z	IS 3757: 1985 Clause 2.1
713.		Dimensions & Tolerances – l	IS 3757: 1985 Clause 2.2
714.	Specification for High Strength Structural Bolts	Dimensions & Tolerances – ls	IS 3757: 1985 Clause 2.2
715.		Dimensions & Tolerances – lg	IS 3757: 1985 Clause 2.2
716.		Threads	IS 4218(P- 6): 1978 Clause 2.2
717.		Grade	IS 1367: (Part - 2): 2002 Clause 3
718.		Tensile Strength	IS 1608(P-1) : 2022 Clause 5
719.		Tensile Strength under Wedge Loading	IS 1608(P-1) : 2022 Clause 5
720.		0.2 % Proof Stress	IS 1608(P-1) : 2022 Clause 5
721.		Stress Under Proof Load	IS 1608(P-1) : 2022 Clause 5
722.		Proof Strength Ratio	IS 1608(P-1) : 2022 Clause 5

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Mechanical Properties of Metals		
723.		% Elongation After Fracture for Machined Test Pieces	IS 1608(P-1) : 2022 Clause 5
724.		% Reduction of Area After Fracture for Machined Test Pieces	IS 1608(P-1) : 2022 Clause 5
725.		Vickers Hardness	IS 1501(P-1) : 2020 Clause 5
726.		Brinell Hardness	IS 1500(P-1) : 2019 Clause 5
727.		Rockwell Hardness	IS 1586(P-1) : 2018 Clause 5
728.		Surface Hardness	IS 1501(P-1) : 2020 Clause 5
729.		Non-carburization	IS 1501(P-1) : 2020 Clause 5
730.		Height of non-Decarburized Thread Zone	IS 1367(P- 3) : 2017 Clause 5
731.	Specification for High Strength Structural Bolts	Height of non-Decarburized Thread Zone, E	IS 1367(P- 3) : 2017 Clause 5
732.		Depth of complete decarburization in the thread, G	IS 1367(P- 3) : 2017 Clause 5
733.		Reduction of Hardness after Retempering	IS 1501(P-1) : 2020 Clause 5
734.		Breaking torque	IS 1367(P- 20) : 1996 Clause 5

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Mechanical Properties of Metals		
735.		Impact Strength	IS 1757(P-1) : 2020 Clause 5
736.		Ultimate Tensile Load	IS 1367(P- 3) : 2017 Clause 5
737.		Proof Loads	IS 1367(P- 3) : 2017 Clause 5
738.		Finish	IS 3757: 1985 Clause 5
739.		Finish - Anti Seizing Test	IS 3757: 1985 Clause 5.2
740.		General Requirement – Surface Discontinuities	IS 1367(P- 9/Sec-1) : 1993 Clause 6.1
741.		General Requirement – Surface Discontinuities	IS 1367: (Part-9/Sec-2): 1993 Clause 6.2
742.		General Requirement	IS 3757 : 1985 Clause 6.3, 6.4
743.		Designation	IS 3757 : 1985 Clause 7
744.		Marking	IS 3757 : 1985 Clause 9
745.	High Strength Structural Nuts – Specification	Product Grade	IS 6623: 2004 Clause 3
746.		Dimensions – Thread Size, d	IS 6623: 2004 Clause 4.1
747.		Dimensions – P	IS 6623: 2004 Clause 4.1
748.		Dimensions – da	IS 6623: 2004 Clause 4.1

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Mechanical Properties of Metals		
749.	High Strength Structural Nuts – Specification	Dimensions – dw	IS 6623: 2004 Clause 4.1
750.		Dimensions – e	IS 6623: 2004 Clause 4.1
751.		Dimensions – m	IS 6623: 2004 Clause 4.1
752.		Dimensions – m'	IS 6623: 2004 Clause 4.1
753.		Dimensions – m''	IS 6623: 2004 Clause 4.1
754.		Dimensions – c	IS 6623: 2004 Clause 4.1
755.		Dimensions – s	IS 6623: 2004 Clause 4.1
756.		Dimensions – Thread & Thread Tolerance (6H)	IS 6623: 2004 Clause 4.2
757.		Proof Load	IS 1367 (P- 6) : 2018 Clause 5.1
758.		Vickers Hardness	IS 1501(P- 1) : 2020 Clause 5.1
759.		Brinell Hardness	IS 1500(P- 1) : 2019 Clause 4
760.		Rockwell Hardness	IS 1586(P- 1) : 2018 Clause 5.1
761.		Finish	IS 6623: 2004 Clause 6.1
762.		Finish	IS 1367(P- 13) : 2020 Clause 6.2
763.		Finish - Anti Seizing Test	IS 6623: 2004 Clause 6.2.1

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Mechanical Properties of Metals		
764.		General Requirement – Surface Discontinuities	IS 1367 (P- 10) : 2002 Clause 7.1
765.		General Requirement	IS 1367 (P- 1) : 2014 Clause 7.2
766.	High Strength Structural Nuts – Specification	Designation	IS 6623: 2004 Clause 8
767.		Marking	IS 6623: 2004 Clause 10
768.	Tower Bolts-Specification Part-1 Ferrous Metals	Types	IS 204 (P- 1): 1991 Clause 3
769.		Manufacture - General	IS 204 (P- 1): 1991 Clause 5.1
770.		Manufacture - Particulars	IS 204 (P- 1): 1991 Clause 5.2
771.		Dimensions – Length of Bolt	IS 204 (P- 1): 1991 Clause 6.1
772.		Dimensions – Length of Barrel	IS 204 (P- 1): 1991 Clause 6.1
773.		Dimensions – Width of Barrel	IS 204 (P- 1): 1991 Clause 6.1
774.		Dimensions – Dia. of Bolt	IS 204 (P- 1): 1991 Clause 6.1
775.		Dimensions – Length of Socket	IS 204 (P- 1): 1991 Clause 6.1
776.		Dimensions – Thickness of Sheet for Barrel	IS 204 (P- 1): 1991 Clause 6.1
777.		Dimensions – Dia. of Bore of Barrel	IS 204 (P- 1): 1991 Clause 6.1

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Mechanical Properties of Metals		
778.	Tower Bolts-Specification Part-1 Ferrous Metals	Dimensions – No of Screw Holes	IS 204 (P- 1): 1991 Clause 6.1
779.		Dimensions – Length of Bolt	IS 204 (P- 1): 1991 Clause 6.2
780.		Dimensions – Length of Bolt Plate	IS 204 (P- 1): 1991 Clause 6.2
781.		Dimensions – Width of Bolt Plate	IS 204 (P- 1): 1991 Clause 6.2
782.		Dimensions – Dia. of Bolt	IS 204 (P- 1): 1991 Clause 6.2
783.		Dimensions – Length of Socket	IS 204 (P- 1): 1991 Clause 6.2
784.		Dimensions – Thickness of Sheet for Bolt Plate	IS 204 (P- 1): 1991 Clause 6.2
785.		Dimensions – Dia. of Bore of Bolt Plate	IS 204 (P- 1): 1991 Clause 6.2
786.		Dimensions – No of Screw Holes	IS 204 (P- 1): 1991 Clause 6.2
787.		Dimensions – Length of Bolt	IS 204 (P- 1): 1991 Clause 6.3
788.		Dimensions – Length of Bolt Plate	IS 204 (P- 1): 1991 Clause 6.3
789.		Dimensions – Width of Bolt Plate	IS 204 (P- 1): 1991 Clause 6.3
790.		Dimensions – Dia. of Bolt	IS 204 (P- 1): 1991 Clause 6.3

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Mechanical Properties of Metals		
791.		Dimensions – Length of Socket	IS 204 (P- 1): 1991 Clause 6.3
792.		Dimensions – Length of Strap	IS 204 (P- 1): 1991 Clause 6.3
793.		Dimensions – Thickness of Back Plate	IS 204 (P- 1): 1991 Clause 6.3
794.		Dimensions – Thickness of Socket	IS 204 (P- 1): 1991 Clause 6.3
795.		Dimensions – Dia. of Bore of Bolt Plate	IS 204 (P- 1): 1991 Clause 6.3
796.		Dimensions – Length of Alternative Socket	IS 204 (P- 1): 1991 Clause 6.3
797.		Dimensions – No of Screw Holes	IS 204 (P- 1): 1991 Clause 6.3
798.	Tower Bolts-Specification Part-1 Ferrous Metals	Dimensions – Length of Bolt	IS 204 (P- 1): 1991 Clause 6.4
799.		Dimensions – Length of Bolt Plate	IS 204 (P- 1): 1991 Clause 6.4
800.		Dimensions – Width of Bolt Plate	IS 204 (P- 1): 1991 Clause 6.4
801.		Dimensions – Dia. of Bolt	IS 204 (P- 1): 1991 Clause 6.4
802.		Dimensions – Length of Staple	IS 204 (P- 1): 1991 Clause 6.4
803.		Dimensions – Thickness of Plate	IS 204 (P- 1): 1991 Clause 6.4

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Mechanical Properties of Metals		
804.		Dimensions – Dia. of Bore of Plate	IS 204 (P- 1): 1991 Clause 6.4
805.		Dimensions – Dia. of Shank of Knob	IS 204 (P- 1): 1991 Clause 6.4
806.		Dimensions – No of Staples	IS 204 (P- 1): 1991 Clause 6.4
807.		Dimensions – No of Screw Holes	IS 204 (P- 1): 1991 Clause 6.4
808.		Finish	IS 204 (P- 1): 1991 Clause 7
809.		Marking	IS 204 (P- 1): 1991 Clause 8
810.	Tower Bolts – Specification Part-2 Non-Ferrous Metals	Types	IS 204 (P- 2): 1992 Clause 3.1
811.		Manufacture – General	IS 204 (P- 2): 1992 Clause 5.1
812.		Manufacture – Particulars	IS 204 (P- 2): 1992 Clause 5.2
813.		Dimensions – Length of Bolt or Barrel	IS 204 (P- 2): 1992 Clause 6.1
814.		Dimensions – Width of Barrel	IS 204 (P- 2): 1992 Clause 6.1
815.		Dimensions – Dia. of Bolt	IS 204 (P- 2): 1992 Clause 6.1
816.		Dimensions – Length of Socket	IS 204 (P- 2): 1992 Clause 6.1

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Mechanical Properties of Metals		
817.		Dimensions – Thickness of Metal of Barrel	IS 204 (P- 2): 1992 Clause 6.1
818.		Dimensions – Dia. of Bore of Barrel	IS 204 (P- 2): 1992 Clause 6.1
819.		Dimensions – No. of Screw holes	IS 204 (P- 2): 1992 Clause 6.1
820.		Dimensions – Length of Bolt	IS 204 (P- 2): 1992 Clause 6.2
821.		Dimensions – Length of Bolt Plate	IS 204 (P- 2): 1992 Clause 6.2
822.		Dimensions – Width of Plate or Staple	IS 204 (P- 2): 1992 Clause 6.1
823.		Dimensions – Dia. of Bolt	IS 204 (P- 2): 1992 Clause 6.1
824.		Dimensions – Length of Staple	IS 204 (P- 2): 1992 Clause 6.1
825.		Dimensions – Thickness of Plate or Socket	IS 204 (P- 2): 1992 Clause 6.1
826.		Dimensions – Dia. of Bore of Plate or Staple	IS 204 (P- 2): 1992 Clause 6.1
827.		Dimensions – Dia. of Shank of Knob	IS 204 (P- 2): 1992 Clause 6.1
828.		Dimensions – No. of Staples	IS 204 (P- 2): 1992 Clause 6.1

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Mechanical Properties of Metals		
829.		Dimensions – No. of Screw Holes	IS 204 (P- 2): 1992 Clause 6.1
830.		Finish	IS 204 (P- 2): 1992 Clause 7
831.		Marking	IS 204 (P- 2): 1992 Clause 10
832.	Mild-Steel Sliding Door Bolts for Used with Padlocks – Specification	Type	IS 281: 2009 Clause 3
833.		Sizes	IS 281: 2009 Clause 4.1
834.		Dimensions	IS 281: 2009 Clause 6
835.		Dimensions - Wood Screw Designation No.	IS 451: 1999 Clause 6
836.		Dimensions - No of Rivets	IS 281: 2009 Clause 6
837.		Dimensions - No of Screw Holes	IS 281: 2009 Clause 6
838.		Dimensions - No of 8 x 8mm Holes	IS 281: 2009 Clause 6
839.		Manufacture	IS 281: 2009 Clause 7
840.		Finish	IS 281: 2009 Clause 8
841.		Marking	IS 281: 2009 Clause 9
842.		Freedom from Defects	IS 1284: 1975 Clause 4.1

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Mechanical Properties of Metals		
843.	Wrought Aluminium Alloy Bolt & Screw, Stock for General Engineering Purposes	Tensile Strength	IS 1608(P-1) : 2022 Clause 5.1
844.		0.2 % Proof Stress	IS 1608(P-1) : 2022 Clause 5.1
845.		Dimensions and Tolerances - Diameter	IS 3577 : 1992 Clause 6.1
846.		Head Forming Test	IS 1284: 1975 Clause 8.2
847.		Marking	IS 1284: 1975 Clause 10
848.	Non-Ferrous Metal Sliding Door Bolts, (Al drops) Used with Padlocks – Specification	Types	IS 2681: 1993 Clause 3.1
849.		Sizes	IS 2681: 1993 Clause 4.1
850.		Dimensions and Tolerances	IS 2681: 1993 Clause 6
851.		Dimensions and Tolerances – No of Screw Holes	IS 2681: 1993 Clause 6
852.		Manufacture	IS 2681: 1993 Clause 7
853.		Finish	IS 2681: 1993 Clause 8
854.		Marking	IS 2681: 1993 Clause 9
855.	Specification For Flush Bolt	Types	IS 5187: 1972 Clause 3
856.		Manufacture and Construction	IS 5187: 1972 Clause 4

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Mechanical Properties of Metals		
857.		Dimensions and Tolerance – Length	IS 5187: 1972 Clause 5
858.		Dimensions and Tolerance – Breadth	IS 5187: 1972 Clause 5
859.		Dimensions and Tolerance – Thickness	IS 5187: 1972 Clause 5
860.		Dimensions and Tolerance – Throw of Bolt	IS 5187: 1972 Clause 5
861.	Specification For Flush Bolt	Dimensions and Tolerance – Bolt Dia.	IS 5187: 1972 Clause 5
862.	Specification For Flush Bolt	Dimensions and Tolerance – Lip Extension	IS 5187: 1972 Clause 5
863.	Specification For Flush Bolt	Dimensions and Tolerance – No of Screw Holes	IS 5187: 1972 Clause 5
864.	Specification For Flush Bolt	Dimensions and Tolerance – Screw Hole Designation No	IS 5187: 1972 Clause 5
865.	Specification For Flush Bolt	Dimensions and Tolerance – Socket Plate Thickness	IS 5187: 1972 Clause 5
866.	Specification For Flush Bolt	Dimensions and Tolerance – Socket Plate Length & Breadth	IS 5187: 1972 Clause 5
867.	Specification For Flush Bolt	Workmanship and Finish	IS 5187: 1972 Clause 6

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Mechanical Properties of Metals		
868.	Specification For Flush Bolt	Marking	IS 5187: 1972 Clause 7
869.	Specification for Sliding Locking Bolts for Use With Padlocks	Locking Bolt Type	IS 7534: 1985 Clause 2
870.		Sizes	IS 7534: 1985 Clause 3
871.		Manufacture	IS 7534: 1985 Clause 5
872.		Dimensions and Tolerances – Length of Bolt Plate	IS 7534: 1985 Clause 6
873.		Dimensions and Tolerances – Length of Bolt	IS 7534: 1985 Clause 6
874.	Specification for Sliding Locking Bolts for Use with Padlocks	Dimensions and Tolerances – Dia. of Bolt	IS 7534: 1985 Clause 6
875.		Dimensions and Tolerances – Width of Bolt Plate	IS 7534: 1985 Clause 6
876.		Dimensions and Tolerances – Thickness of Bolt Plate	IS 7534: 1985 Clause 6
877.		Dimensions and Tolerances – Thickness of Plate	IS 7534: 1985 Clause 6
878.		Dimensions and Tolerances – No of Screw Hole	IS 7534: 1985 Clause 6
879.		Dimensions and Tolerances – Screw Hole Designation No	IS 6760 : 1972 Clause 6

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Mechanical Properties of Metals		
880.	Stainless Steel Tower Bolts – Specification	Finish	IS 7534: 1985 Clause 7.1
881.		Marking	IS 7534: 1985 Clause 8.1
882.		Nominal Sizes	IS 15833: 2009 Clause 3
883.		Manufacture	IS 15833: 2009 Clause 5
884.		Dimensions – Length of Bolt	IS 15833: 2009 Clause 6
885.		Dimensions – Length of Barrel	IS 15833: 2009 Clause 6
886.		Dimensions – Width of Barrel	IS 15833: 2009 Clause 6
887.		Dimensions – Dia. of Bolt	IS 15833: 2009 Clause 6
888.		Dimensions – Length of Socket	IS 15833: 2009 Clause 6
889.		Dimensions – Thickness of Steel Sheet for Barrel	IS 15833: 2009 Clause 6
890.		Dimensions – Dia. of Bore of Barrel	IS 15833: 2009 Clause 6
891.		Dimensions – No of Screw Holes	IS 15833: 2009 Clause 6
892.		Finish	IS 15833: 2009 Clause 7
893.		Marking	IS 15833: 2009 Clause 8

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Mechanical Properties of Metals		
894.	Stainless Steel Sliding Door Bolts (Aldrops) For Use With Padlocks - Specification	Sizes – Length	IS 15834: 2020 Clause 3
895.		Sizes – Diameter	IS 15834: 2020 Clause 3
896.		Dimensions and Tolerances	IS 15834: 2020 Clause 5
897.		Manufacture	IS 15834: 2020 Clause 6
898.		Finish	IS 15834: 2020 Clause 7
899.		Marking	IS 15834: 2020 Clause 8
900.	Stainless Steel Utensils – Specification	Material – Thickness of Lid	IS 14756 : 2022 Clause 3.4
901.		Material – Thickness of Gloss Lid	IS 14756 : 2022 Clause 3.5
902.		Material – Thickness of Rim	IS 14756 : 2022 Clause 3.5
903.		Shapes and Dimensions – Shape	IS 14756 : 2022 Clause 4.1
904.		Thickness of Sheet	IS 14756 : 2022 Clause 4.2, 4.3 & 4.4
905.		Workmanship and Finish	IS 14756 : 2022 Clause 5.1, 5.2, 5.3, 5.5, 5.6
906.		Handle Performance Test – General	IS 13395 : 2021 Clause 5.4

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Mechanical Properties of Metals		
907.		Handle Performance Test – Bending Strength	IS 13395 : 2021 Clause 5.4
908.		Handle Performance Test – Torque Strength	IS 13395 : 2021 Clause 5.4
909.		Handle Performance Test – Impact Strength	IS 13395 : 2021 Clause 5.4
910.		Handle Performance Test – Fatigue Resistance	IS 13395 : 2021 Clause 5.4
911.		Handle Performance Test – Leakage	IS 13395 : 2021 Clause 5.4
912.		Handle Performance Test – Thermal Insulation	IS 13395 : 2021 Clause 5.4
913.		Handle Performance Test – Heat Resistance	IS 13395 : 2021 Clause 5.4
914.		Handle Performance Test – Washing Resistance	IS 13395 : 2021 Clause 5.4
915.		Handle Performance Test – Burning Resistance	IS 13395 : 2021 Clause 5.4
916.		Mechanical Shock Test	IS 14756 : 2022 Clause 6.2
917.		Thermal Shock Test	IS 14756 : 2022 Clause 6.3

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Mechanical Properties of Metals		
918.		Dry Heat Test	IS 14756 : 2022 Clause 6.4
919.		Coating Thickness Test	IS 14756 : 2022 Clause 6.5
920.		Heat Cycle Test	IS 14756 : 2022 Clause 6.6
921.		Nominal Capacity Test	IS 14756 : 2022 Clause 6.7
922.	Stainless Steel Utensils – Specification	Fragmentation Test	IS 14756 : 2022 Clause 6.8.1
923.		Ball Drop Test	IS 14756 : 2022 Clause 6.8.2
924.		Thermal Shock Test	IS 14756 : 2022 Clause 6.8.3
925.		Free Fall Test	IS 14756 : 2022 Clause 6.8.4
926.		Marking	IS 14756 : 2022 Clause 8.1
927.	Wrought Aluminium Utensils – Specification	Classification	IS 1660 : 2009 Clause 3.1
928.		Classification – Thickness	IS 1660 : 2009 Clause 3.1.1, 3.1.2, 3.1.3
929.		Fabrication	IS 1660 : 2009 Clause 5
930.		Shape	IS 1660 : 2009 Clause 6
931.		Dimensions – Inside Diameter	IS 1660 : 2009 Clause 6
932.		Dimensions – Height	IS 1660 : 2009 Clause 6

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Mechanical Properties of Metals		
933.		Dimensions – Capacity	IS 1660 : 2009 Clause 6
934.		Handles	IS 1660 : 2009 Clause 7
935.		Workmanship and Finish	IS 1660 : 2009 Clause 8.1, 8.2
936.		Finish and Appearance	IS 6057 : 1988 Clause 8.4.1
937.		Coating Thickness	IS 6057 : 1988 Clause 8.4.2
938.		Abrasion Resistance	IS 6057 : 1988 Clause 8.4.3
939.		Colour Test	IS 6057 : 1988 Clause 8.4.4
940.		Hardness Test	IS 6057 : 1988 Clause 8.4.5
941.		Thickness Test	IS 9730 : 2008 Clause 8.5
942.		Non Stick Test	IS 9730 : 2008 Clause 8.5
943.	Wrought Aluminium Utensils – Specification	Salt Water Corrosion Test	IS 9730 : 2008 Clause 8.5
944.		Adhesion Test	IS 9730 : 2008 Clause 8.5
945.		Performance Test	IS 1660 : 2009 Clause 8.6.1
946.		Ground Nut Oil Test for Leakage	IS 1660 : 2009 Clause 8.6.2
947.		Instructions for use	IS 1660 : 2009 Clause 9

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Mechanical Properties of Metals		
948.		Marking	IS 1660 : 2009 Clause 10.1
949.		Types	IS 13983 : 1994 Clause 4
950.		Thickness of Sheet/Strip	IS 13983 : 1994 Clause 6.1
951.		Depth of Bowls	IS 13983 : 1994 Clause 6.2
952.		Internal Dimensions of Bowls	IS 13983 : 1994 Clause 6.3
953.		Bowl Locating Limits	IS 13983 : 1994 Clause 6.4
954.	Stainless Steel Sinks for Domestic Purposes	Coordinating Sizes	IS 13983 : 1994 Clause 6.5
955.		Construction and Workmanship	IS 13983 : 1994 Clause 7.1, 7.2, 7.3, 7.4
956.		Tap Holes – Dimension	IS 13983 : 1994 Clause 7.5
957.		Overflows – Dimension	IS 13983 : 1994 Clause 7.6
958.		Finish	IS 13983 : 1994 Clause 8
959.		Marking	IS 13983 : 1994 Clause 9.1
960.	Specification for Round Open Top Sanitary Cans for Foods And Drinks-Tin Plate	Tinplate Thickness	IS 9396 (Part-2) : 2012 Clause 3.2
961.		Dimension – Diameter	IS 9396 (Part-2) : 2012 Clause 3.2
962.		Dimension – Capacity	IS 9396 (Part-2) : 2012 Clause 3.2

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Mechanical Properties of Metals		
963.		Tin Coating	IS 1993 : 2018 Clause 3.3
964.		Surface Finish	IS 9396 (Part-1) : 1987 Clause 3.4
965.		Tin Grain Size	IS 9396 (Part-1) : 1987 Clause 3.5
966.		Iron Solution Value	IS 9396 (Part-1) : 1987 Clause 3.6
967.		Surface Oil	IS 9396 (Part-1) : 1987 Clause 3.7
968.		Passivation Treatment	IS 9396 (Part-1) : 1987 Clause 3.8
969.		Marking	IS 9396 (Part-1) : 1987 Clause 5.2
970.	Aluminium Cans for Beverages– Specification	Capacity	IS 14407 : 2023 Clause 4
971.		Tensile Strength	IS 1608(P-1): 2022 Clause 5.3
972.		0.2 % Proof Stress	IS 1608(P-1): 2022 Clause 5.3
973.		Elongation	IS 1608(P-1): 2022 Clause 5.3
974.		Requirements – Manufacture	IS 14407 : 2023 Clause 6.1
975.		Requirements – Internal Finish	IS 14407 : 2023 Clause 6.2
976.		Requirements – External Coating	IS 14407 : 2023 Clause 6.3
977.		Nominal Capacity	IS 14407 : 2023 Clause 6.4.1

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Mechanical Properties of Metals		
978.	Aluminium Cans For Beverages— Specification	Can Type	IS 14407 : 2023 Clause 6.4.1
979.		Shape and Dimension – Can Height	IS 14407 : 2023 Clause 6.4.1
980.		Shape and Dimension – Inside Neck/Plug Diameter	IS 14407 : 2023 Clause 6.4.1
981.		Shape and Dimension – Outside Diameter	IS 14407 : 2023 Clause 6.4.1
982.		Shape and Dimension – Free Board	IS 14407 : 2023 Clause 6.4.1
983.		Shape and Dimension – Neck Seaming Clearance	IS 14407 : 2023 Clause 6.4.1
984.		Brim-full Capacity	IS 14407 : 2023 Clause 6.4.1
985.		Can End Size	IS 14407 : 2023 Clause 6.4.2
986.		Can End Type	IS 14407 : 2023 Clause 6.4.2
987.		Shape and Dimension – Outside Curl Diameter	IS 14407 : 2023 Clause 6.4.2
988.		Shape and Dimension – Punch Plug Diameter	IS 14407 : 2023 Clause 6.4.2
989.		Shape and Dimension – Curl Height	IS 14407 : 2023 Clause 6.4.2

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Mechanical Properties of Metals		
990.		Shape and Dimension - Inside Curl Diameter	IS 14407 : 2023 Clause 6.4.2
991.		Shape and Dimension – Countersink Depth	IS 14407 : 2023 Clause 6.4.2
992.	Aluminium Cans For Beverages– Specification	Shape and Dimension – Panel Height	IS 14407 : 2023 Clause 6.4.2
993.		Top Load /Axial Load /Column Strength	IS 14407 : 2023 Clause 7.1.1
994.		Enamel Rater Criteria	IS 14407 : 2023 Clause 7.1.2
995.		Buckle Strength/Dome Reversal	IS 14407 : 2023 Clause 7.1.3
996.		Air Pressure Test	IS 2471 : 1963 Clause 7.1.4
997.		Slip Angle Test/Wall Mobility Test	IS 14407 : 2023 Clause 7.1.5
998.		Testing of Ends	IS 14407 : 2023 Clause 7.2
999.		Overall Migration Tests	IS 9845 : 1998 Clause 7.3.1
1000.		Specific Migration Limits	IS 9845 : 1998 Clause 7.3.2
1001.		Marking	IS 14407 : 2023 Clause 9.1
1002.		Dimensions – Thread Size	IS 14394 : 1996 Clause 3

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Mechanical Properties of Metals		
1003.	Industrial Fasteners Hexagon Nuts Product Grade 'C' – Hot-Dip Galvanized (Size M 12 to M 36)	Dimensions – Pitch	IS 14394 : 1996 Clause 3
1004.		Dimensions - dw	IS 14394 : 1996 Clause 3
1005.		Dimensions - e	IS 14394 : 1996 Clause 3
1006.		Dimensions – m	IS 14394 : 1996 Clause 3
1007.		Dimensions – m'	IS 14394 : 1996 Clause 3
1008.		Dimensions – s	IS 14394 : 1996 Clause 3
1009.		Dimensions - β	IS 14394 : 1996 Clause 3
1010.		Material	IS 14394 : 1996 Clause 4
1011.		General Requirement	IS 1367 (Part-1) : 2014 Clause 4
1012.		Thread – Tolerances	IS 4218 (Part- 2) :2001 Clause 4
1013.		Thread – Tolerances	IS 14962(Part-2):2001 Clause 4
1014.		Property Class	IS 14394 : 1996 Clause 4
1015.		Proof Stress	IS 1608(P-1): 2022 Clause 4
1016.		Vickers Hardness	IS 1501 (Part-1) : 2020 Clause 4
1017.		Brinell Hardness	IS 1500 (Part-1) : 2019 Clause 4

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Mechanical Properties of Metals		
1018.		Rockwell Hardness (HRC)	IS 1586 (Part-1) : 2018 Clause 4
1019.		Product Grade	IS 14394 : 1996 Clause 4
1020.		Tolerances	IS 1367 (Part-2) : 2002 Clause 4
1021.		Surface Finish	IS 1367(P-13) : 2020 Clause 4
1022.		Proof Load Values	IS 1608(P-1): 2022 Clause 5
1023.		Designation	IS 14394 : 1996 Clause 6
1024.		Marking	IS 1367(P-6) : 2018 Clause 7
1025.		Types	IS 6649 : 1985 Clause 2
1026.	Specification For - Hardened and Tempered Washers for High Strength Structural Bolts and Nuts	Dimensions and Tolerances – d1	IS 6649 : 1985 Clause 3
1027.		Dimensions and Tolerances – d2	IS 6649 : 1985 Clause 3
1028.		Dimensions and Tolerances – s	IS 6649 : 1985 Clause 3
1029.		Dimensions and Tolerances – d	IS 6649 : 1985 Clause 3
1030.		Dimensions and Tolerances – a	IS 6649 : 1985 Clause 3
1031.		Dimensions and Tolerances – t	IS 6649 : 1985 Clause 3
1032.		Dimensions and Tolerances - θ°	IS 6649 : 1985 Clause 3

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Mechanical Properties of Metals		
1033.		Dimensions and Tolerances	IS 6649 : 1985 Clause 3.1, 3.2, 3.3
1034.		Grade	IS 5369 : 1975 Clause 4
1035.		Hardness	IS 1586(P- 1) : 2018 Clause 7
1036.		Finish	IS 6649 : 1985 Clause 8
1037.		Designation	IS 6649 : 1985 Clause 10
1038.		Marking	IS 6649 : 1985 Clause 12
1039.		Grade/Designation	IS 191 : 2007 Clause 4
1040.		Mass	IS 191 : 2007 Clause 5.1
1041.		Dimensions and Tolerances – L	IS 191 : 2007 Clause 5.1
1042.		Dimensions and Tolerances – L1	IS 191 : 2007 Clause 5.1
1043.	Copper – Specification	Dimensions and Tolerances – h	IS 191 : 2007 Clause 5.1
1044.		Dimensions and Tolerances – h1	IS 191 : 2007 Clause 5.1
1045.		Dimensions and Tolerances – b	IS 191 : 2007 Clause 5.1
1046.		Dimensions and Tolerances – b1	IS 191 : 2007 Clause 5.1
1047.		Dimensions and Tolerances – R	IS 191 : 2007 Clause 5.1

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Mechanical Properties of Metals		
1048.		Dimensions and Tolerances – R1	IS 191 : 2007 Clause 5.1
1049.		Dimensions and Tolerances – R2	IS 191 : 2007 Clause 5.1
1050.		Tolerances – α	IS 191 : 2007 Clause 5.1
1051.		Tolerances – β	IS 191 : 2007 Clause 5.1
1052.		Tolerances – γ	IS 191 : 2007 Clause 5.1
1053.	Copper – Specification	Billets – Mass Tolerances	IS 191 : 2007 Clause 5.2
1054.		Billets – Diameter Tolerances	IS 191 : 2007 Clause 5.2
1055.		Billets –Length Tolerances	IS 191 : 2007 Clause 5.2
1056.		Billets – Straightness	IS 191 : 2007 Clause 5.2
1057.		Other Shapes - Mass Tolerances	IS 191 : 2007 Clause 5.3 & 5.4
1058.		Other Shapes - Width and Thickness Tolerances	IS 191 : 2007 Clause 5.3 & 5.4
1059.		Other Shapes - Other Dimension Tolerances	IS 191 : 2007 Clause 5.3 & 5.4
1060.		Other Shapes –Straightness	IS 191 : 2007 Clause 5.3 & 5.4
1061.		Freedom from defects	IS 191 : 2007 Clause 8

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Mechanical Properties of Metals		
1062.	Hot Dip Aluminum – Zinc Alloy Metallic Coated Steel Strip and Sheet (Plain)	Electrical Properties – Resistivity Test	IS 3635 : 1966 Clause 9
1063.		Hydrogen Embrittlement Test	IS 191 : 2007 Clause 10
1064.		Marking	IS 191 : 2007 Clause 13.1
1065.		Product Designation	IS 15961 : 2012 Clause 6
1066.		Tensile Strength	IS 1608(P-1): 2022 Clause 8
1067.		Yield Strength	IS 1608(P-1): 2022 Clause 8
1068.		Percent Elongation	IS 1608(P-1): 2022 Clause 8
1069.		Coating Mass	IS 15961 : 2012 Clause 9
1070.		Coating Adhesion Test	IS 15961 : 2012 Clause 10
1071.		Freedom From Defects	IS 15961 : 2012 Clause 11
1072.		Mass	IS 15961 : 2012 Clause 12
1073.		Coil Internal Diameter	IS 15961 : 2012 Clause 13.1
1074.		Length Tolerance	IS 15961 : 2012 Clause 13.2
1075.		Width Tolerance	IS 15961 : 2012 Clause 13.3
1076.		Thickness Tolerance	IS/ISO 16163 : 2012 Clause 13.4

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Mechanical Properties of Metals		
1077.		Camber	IS/ISO 16163 : 2012 Clause 13.5
1078.		Deviation from Squareness (Out-of Square)	IS 15961 : 2012 Clause 13.6
1079.		Deviation from Flatness (Steepness)	IS 15961 : 2012 Clause 13.7
1080.		Marking	IS 15961 : 2012 Clause 16.1
1081.	Specification For - Primary Aluminium Ingots for Remelting for General Engineering Purposes	Grades	IS 2590 : 1987 Clause 5
1082.		Mass	IS 1820 : 1979 Clause 7.1
1083.		Dimension	IS 1820 : 1979 Clause 7.1
1084.		Marking	IS 2590 : 1987 Clause 9.1
1085.	Aluminium Ingots, Billets And Wire Bars (EC Grade)	Grades	IS 4026 : 2023 Clause 5
1086.		Mass	IS 1820 : 1979 Clause 8.1
1087.		Dimension	IS 1820 : 1979 Clause 8.1
1088.		Shapes and Sizes	IS 4026 : 2023 Clause 8.2, 8.3
1089.	Aluminium Ingots, Billets And Wire Bars (EC Grade)	Marking	IS 4026 : 2023 Clause 13.1
1090.		Mass	IS 1820 : 1979 Clause 5

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Mechanical Properties of Metals		
1091.	Specification For - Aluminium Alloy Ingots For Bearings	Dimension	IS 1820 : 1979 Clause 5
1092.		Freedom From Defects	IS 6754 : 1972 Clause 6
1093.		Marking	IS 6754 : 1972 Clause 9.1
1094.	Specification For Nickel Powder	Average Particle Size	IS 7512 : 2006 Clause 4
1095.		Marking	IS 7506 : 1987 Clause 7
1096.	High Purity Aluminium Ingots 'For Remelting For Special Applications	Grades	IS 11890 : 198 Clause 5
1097.		Mass	IS 1820 : 1979 Clause 7
1098.		Dimension	IS 1820 : 1979 Clause 7
1099.		Marking	IS 11890 : 1987 Clause 9.1
1100.	Specification For Door Closers (Pneumatically Regulated) For Light Doors Weighing Up to 40 Kg	Manufacture	IS 6343 : 1982 Clause 4.1
1101.		Dimensions and Tolerances	IS 6343 : 1982 Clause 5.1
1102.		General Requirements	IS 6343 : 1982 Clause 6.1, 6.2, 6.3, 6.4, 6.5, 6.6
1103.		Performance Requirement	IS 6343 : 1982 Clause 7.1 & 7.2
1104.		Marking	IS 6343 : 1982 Clause 9.1
1105.		Accessories	IS 6343 : 1982 Clause 11

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Mechanical Properties of Metals		
1106.	Door Closers, Concealed Type (Hydraulically Regulated) Specification	Designation	IS 14912 : 2001 Clause 5
1107.		Mass of Door	IS 14912 : 2001 Clause 5
1108.		Width of Door	IS 14912 : 2001 Clause 5
1109.		Essential Requirements	IS 14912 : 2001 Clause 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8
1110.		Tests on Closers – Endurance Test	IS 14912 : 2001 Clause 9
1111.		Accessories	IS 14912 : 2001 Clause 12
1112.		Marking	IS 14912 : 2001 Clause 10.1
1113.	Hydraulically Regulated Door Closers – Specification	Types	IS 3564 : 1995 Clause 4
1114.		Designation of Door	IS 3564 : 1995 Clause 6
1115.		Mass of Door	IS 3564 : 1995 Clause 6
1116.		Width of Door	IS 3564 : 1995 Clause 6
1117.		Essential Requirements	IS 3564 : 1995 Clause 8.1, 8.2, 8.3, 8.4, 8.5, 8.6, 8.7
1118.		Tests on Closers – Endurance Test	IS 3564 : 1995 Clause 10

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Mechanical Properties of Metals		
1119.	Floor Springs (Hydraulically Regulated) For Heavy Doors – Specification	Marking	IS 3564 : 1995 Clause 11.1
1120.		Accessories	IS 3564 : 1995 Clause 13
1121.		Type and Size	IS 6315 : 1992 Clause 4
1122.		Manufacturing and Construction	IS 6315 : 1992 Clause 6
1123.		Dimensions And Tolerances	IS 6315 : 1992 Clause 7
1124.		Construction	IS 6315 : 1992 Clause 8
1125.		Performance Requirements	IS 6315 : 1992 Clause 9.1, 9.2, 9.3, 9.4
1126.		Workmanship	IS 6315 : 1992 Clause 10
1127.		Marking	IS 6315 : 1992 Clause 12.1
1128.		Types	IS 1019 : 1974 Clause 3
1129.	Specification for Rim Latches	Sizes	IS 1019 : 1974 Clause 4
1130.		Shape	IS 1019 : 1974 Clause 6.1
1131.		Dimensions and Tolerances	IS 1019 : 1974 Clause 7.1&7.2
1132.		Manufacture	IS 1019 : 1974 Clause 8

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Mechanical Properties of Metals		
1133.		Workmanship and Finish	IS 1019 : 1974 Clause 9.1
1134.		Performance Requirements	IS 1019 : 1974 Clause 10.1
1135.		Marking	IS 1019 : 1974 Clause 11.1
1136.	Specification for Door Handles For Mortice Locks (Vertical Type)	Type	IS 4992 : 1975 Clause 2
1137.		Size	IS 4992 : 1975 Clause 2
1138.		Manufacture and Construction	IS 4992 : 1975 Clause 4
1139.		Dimensions and Tolerances	IS 4992 : 1975 Clause 5.1
1140.		Performance Requirements	IS 4992 : 1975 Clause 6
1141.		Workmanship	IS 4992 : 1975 Clause 7.1
1142.		Marking	IS 4992 : 1975 Clause 10.1
1143.	Grey Iron Castings – Specification	Grades	IS 210 : 2009 Clause 4
1144.		Heat Treatment	IS 13655 : 1993 Clause 8
1145.		Microstructure	IS 7754 : 1975 Clause 9
1146.		Freedom From Defects	IS 210 : 2009 Clause 10
1147.		Size of Test Bars – Diameter	IS 210 : 2009 Clause 13

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Mechanical Properties of Metals		
1148.		Size of Test Bars – Length	IS 210 : 2009 Clause 13
1149.		Tensile Test	IS 210 : 2009 Clause 14
1150.		Tensile Strength	IS 1608(P-1): 2022 Clause 15
1151.		Brinell Hardness	IS 1500(P-1): 2019 Clause 16
1152.		Transverse Test	IS 210 : 2009 Clause 17
1153.		Hydrostatic Test	IS 210 : 2009 Clause 18
1154.		Marking	IS 210 : 2009 Clause 21.1, 21.2
1155.	Cold Reduced Carbon Steel Sheet and Strip (Part-1 Cold Forming and Drawing Purpose)	Yield Point or Proof Stress	IS 1608(P-1): 2022 Clause 8.1
1156.		Tensile Strength	IS 1608(P-1): 2022 Clause 8.1
1157.		Elongation	IS 1608(P-1): 2022 Clause 8.1
1158.		Cupping Test	IS 10175: 2018 Clause 8.2
1159.		Hardness Test	IS 1586(P- 1) : 2018 Clause 8.3
1160.	Cold Reduced Carbon Steel Sheet and Strip (Part-1 Cold Forming and Drawing Purpose)	Bend Test	IS 1599 : 2023 Clause 8.4
1161.		Plastic Strain Ratio	IS 11999 : 2022 Clause 8.5
1162.		Tensile Strain Hardening Component	IS 15756 : 2022 Clause 8.6

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Mechanical Properties of Metals		
1163.		Bake Hardening Index	IS 513(P-1) : 2016 Clause 8.7
1164.		Surface Finish	IS 15262 : 2002 Clause 9.1, 9.2, 9.3, 9.4
1165.		Surface Finish - Surface Roughness	IS 15262 : 2002 Clause 9.5.3
1166.		Surface Finish – Oiling	IS 15262 : 2002 Clause 9.6
1167.		Freedom From Defects	IS 513(P-1) : 2016 Clause 10
1168.		Dimensions – Thickness	IS 513(P-1) : 2016 Clause 11.1
1169.		Dimensional and Shape Tolerances	IS/ISO 16162: 2012 Clause 11.2 & 11.3
1170.		Marking	IS 513(P-1) : 2016 Clause 13.1
1171.	Hot Rolled Carbon Steel Sheet, Plate and Strip – Specification	Designation and Grade	IS 1079: 2017 Clause 5
1172.		Tensile Strength	IS 1608(P-1): 2022 Clause 8.3
1173.		Percentage Elongation After Fracture	IS 1608(P-1): 2022 Clause 8.3
1174.		Yield Strength	IS 1608(P-1): 2022 Clause 8.3
1175.		Bend Test	IS 1599 : 2023 Clause 9

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Mechanical Properties of Metals		
1176.		Cupping Test	IS 10175: 2018 Clause 10.1
1177.		Freedom From Defects	IS 1079: 2017 Clause 12
1178.		Thickness	IS 1730: 1989 Clause 13.1
1179.		Length	IS 1730: 1989 Clause 13.1
1180.		Width	IS 1730: 1989 Clause 13.1
1181.		Mass	IS 1730: 1989 Clause 13.1
1182.		Tolerances	IS/ISO 16160 : 2012 Clause 13.2
1183.		Marking	IS 1079: 2017 Clause 16.1
1184.		Grades	IS 10748 : 2004 Clause 5
1185.		Tensile Strength	IS 1608(P-1): 2022 Clause 8.3
1186.	Hot Rolled Steel Strip for Welded Tubes & Pipes – Specification	Yield Stress	IS 1608(P-1): 2022 Clause 8.3
1187.		Elongation	IS 1608(P-1): 2022 Clause 8.3
1188.		Bend Test	IS 1599 : 2023 Clause 9
1189.		Freedom From Defects	IS 10748 : 2004 Clause 11
1190.		Thickness	IS 1730: 1989 Clause 12

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Mechanical Properties of Metals		
1191.		Length	IS 1730: 1989 Clause 12
1192.		Width	IS 1730: 1989 Clause 12
1193.		Mass	IS 1730: 1989 Clause 12
1194.		Tolerances – Thickness & Width	IS 1852 : 1985 Clause 13.1
1195.		Tolerance on Edge Camber	IS 1079 : 2017 Clause 13.2
1196.		Marking	IS 10748 : 2004 Clause 16.1
1197.		Designation	IS 11513 : 2017 Clause 4
1198.		Freedom From Defects	IS 11513 : 2017 Clause 8
1199.		Thickness	IS 1730: 1989 Clause 9.1
1200.		Width	IS 1730: 1989 Clause 9.1
1201.	Hot Rolled Carbon Steel Strip for Cold Rolling Purposes – Specification	Mass	IS 1730: 1989 Clause 9.1
1202.		Tolerances – Thickness & Width	IS/ISO 16160 : 2012 Clause 9.2 & 9.4
1203.		Crown	IS 11513 : 2017 Clause 9.3
1204.		Edge Camber	IS 11513 : 2017 Clause 9.5
1205.		Calculation of Weight	IS 11513 : 2017 Clause 10

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Mechanical Properties of Metals		
1206.		Marking	IS 11513 : 2017 Clause 12.1
1207.		Free From Defects	IS 6911 : 2017 Clause 6
1208.		Yield Strength or 0.2% Proof Stress	IS 1608(P-1): 2022 Clause 10.1
1209.		Tensile Strength	IS 1608(P-1): 2022 Clause 10.1
1210.	Stainless Steel Plate, Sheet and Strip – Specification	Elongation	IS 1608(P-1): 2022 Clause 10.1
1211.		Brinell Hardness	IS 1500(P-1): 2019 Clause 10.2
1212.		Vickers Hardness	IS 1501(P-1): 2020 Clause 10.2
1213.		Rockwell Hardness	IS 1586(P- 1) : 2018 Clause 10.2
1214.		Rockwell Hardness	IS 1586(P- 1) : 2018 Clause 10.2
1215.		Bend Test	IS 1599 : 2023 Clause 10.3
1216.	Stainless Steel Plate, Sheet and Strip – Specification	Erichsen Cupping Test	IS 10175: 2018 Clause 11
1217.		Corrosion Resistance	IS 10461(P-1,2): 1994 Clause 12
1218.		Surface Finish	IS 6911 : 2017 Clause 15.1
1219.		Dimension and Tolerances – Thickness	IS 6911 : 2017 Clause 17.1

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Mechanical Properties of Metals		
1220.	Stainless Steel Sheets and Strips for Utensils – Specification	Dimension and Tolerances – Width	IS 6911 : 2017 Clause 17.1
1221.		Dimension and Tolerances – Length	IS 6911 : 2017 Clause 17.1
1222.		Dimension and Tolerances – Flatness	IS 6911 : 2017 Clause 17.1
1223.		Dimension and Tolerances – Camber	IS 6911 : 2017 Clause 17.1
1224.		Marking	IS 6911 : 2017 Clause 19.1
1225.		Freedom From Defects	IS 5522 : 2014 Clause 6
1226.		0.2 Percent Proof Stress	IS 1608(P-1): 2022 Clause 8.2
1227.		Tensile Strength	IS 1608(P-1): 2022 Clause 8.2
1228.		Percentage Elongation	IS 1608(P-1): 2022 Clause 8.2
1229.		Brinell Hardness	IS 1500(P-1): 2019 Clause 8.3
1230.		Rockwell Hardness	IS 1586(P- 1) : 2018 Clause 8.3
1231.		Vickers Hardness	IS 1501(P-1) : 2020 Clause 8.3
1232.		Bend Test	IS 1599 : 2023 Clause 8.4

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Mechanical Properties of Metals		
1233.		Erichsen Cupping Test	IS 10175: 2018 Clause 8.5
1234.		Dimension – Thickness	IS 5522 : 2014 Clause 9
1235.		Dimensional Tolerances – Thickness	IS 5522 : 2014 Clause 10.1
1236.		Dimensional Tolerances – Width	IS 5522 : 2014 Clause 10.2
1237.		Dimensional Tolerances – Length	IS 5522 : 2014 Clause 10.3
1238.		Dimensional Tolerances – Flatness	IS 5522 : 2014 Clause 10.4
1239.		Dimensional Tolerances – Camber	IS 5522 : 2014 Clause 10.5
1240.		Surface Finish	IS 5522 : 2014 Clause 11
1241.		Marking	IS 5522 : 2014 Clause 13.1
1242.	Mild Steel Wire Rod for General Engineering Purposes – Specification	Condition of Material on Delivery	IS 7887 : 1992 Clause 7
1243.		Freedom From Defects	IS 7887 : 1992 Clause 8
1244.		Diameter	IS 7887 : 1992 Clause 9.1
1245.		Tolerances	IS 7887 : 1992 Clause 9.2

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Mechanical Properties of Metals		
1246.		Marking	IS 7887 : 1992 Clause 11.1
1247.		Pin Hole Count	IS 15392 : 2003 Clause 5
1248.		Freedom From Defects	IS 15392 : 2003 Clause 5
1249.		Lubricants	IS 15392 : 2003 Clause 9
1250.		Nominal Thickness	IS 15392 : 2003 Clause 10
1251.		Nominal Covering Area	IS 15392 : 2003 Clause 10
1252.	Aluminium and Aluminium Alloy Bare Foil for Food Packaging – Specification	Average Thickness	IS 15392 : 2003 Clause 11
1253.		Thickness Tolerances	IS 15392 : 2003 Clause 12.1
1254.		Width Tolerances	IS 15392 : 2003 Clause 12.2
1255.		Length Tolerances	IS 15392 : 2003 Clause 12.3
1256.		Tensile Breaking Loads	IS 13237 : 1991 Clause 13.1 & 13.3
1257.		Surface Condition	IS 15392 : 2003 Clause 14
1258.		Marking	IS 15392 : 2003 Clause 17.1

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
1.	All Rubber Gum Boots and Ankle Boots Occupational purpose	Lining material Tear strength	IS:5557(P-2): 2023, CI-7.1.1 Ref-IS-15298(P-1) :2024, CI-6.3 IS-15298(P-4) CI-6.3 vide table no-13
2.		Lining material Abrasion Resistance	IS:5557(P-2): 2023, CI-7.1.2 Ref-IS-15298(P-1):2024, CI-6.12
3.		Binding material width	IS:5557(P-2): 2023 CI-7.2
4.		Binding material Breaking load	IS:5557(P-2): 2023, CI-7.2 table -1
5.		Thread for upper closing	IS:5557(P-2): 2023 CI-7.3
6.		Rubber compound hardness	IS:5557(P-2): 2023 CI-7.4.1, Table-3
7.		Rubber compound Hardness after ageing	IS:5557(P-2): 2023 CI-7.4.1, Table-3
8.		Upper Material Tensile strength	IS:5557(P-2): 2023, CI-7.5.1 Ref-IS-15298(P-1) :2024, CI-6.4.2 IS-15298(P-4) CI-5.4.4 vide table no-11
9.		Upper Material Thickness	IS:5557(P-2): 2023, CI-7.5.2 Ref-IS-15298(P-1) :2024, CI-6.1 IS-15298(P-4) CI-5.4.2 vide, table o-9
10.		Upper Material Flexing resistance	IS:5557(P-2): 2023, CI-7.5.3 Ref-IS-15298(P-1) :2024, CI 6.5.2 IS-15298(P-4), CI-5.4.5 vide table no-12

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
11.	All Rubber Gum Boots and Ankle Boots Occupational purpose	Outsole/Heel Thickness	IS:5557(P-2): 2023 CI-7.6.1
12.		Outsole/Heel Tear strength	IS:5557(P-2): 2023, CI-7.6.2 Ref-IS-15298(P-1) :2024 CI-8.2
13.		Outsole/Heel Abrasion	IS:5557(P-2): 2023, CI-7.6.3 Ref-IS-15298(P-1) :2024 CI-8.3
14.		Outsole/Heel Flexing resistance	IS:5557(P-2): 2023, CI-7.6.4 Ref-IS-15298(P-1) :2024, CI-8.4 IS-15298(P-4), CI-5.8.4
15.		Outsole/Heel Interlayer Bond Strength	IS:5557(P-2): 2023, CI-7.6.5 Ref-IS-15298(P-1) :2024, CI-5.2
16.		Insocks Thickness	IS:5557(P-2): 2023 CI-7.7.1
17.		Insocks Abrasion	IS:5557(P-2): 2023, CI-7.7.2 Ref-IS-15298(P-1) :2024 CI-6.12
18.		Hot contact Outsole/Heel/upper	IS:5557(P-2): 2023, CI-8.1 Ref-IS-15298(P-1) :2024 CI-8.7
19.		Leak Proof Test	IS:5557(P-2): 2023, CI-8.2 Ref-IS-15298(P-1) :2024 CI-5.7
20.	All Rubber Gum Boots and Ankle Boots	Height of Upper	IS:5557(P-2): 2023 CI-8.3
21.		Adhesion Test for Rubberized Textile Upper	IS:5557(P-2): 2023, CI- 8.4 Ref- IS-3400 Part-5

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
22.	All Rubber Gum Boots and Ankle Boots Occupational purpose	Resistance to Acid and alkali	IS:5557(P-2): 2023, CI-8.5 Ref- IS-5915 cl-4.3.10
23.		Resistance to Fuel Oil	IS:5557(P-2): 2023, CI-8.6 Ref-IS-15298 (P-1) :2024, CI-8.6 IS-15298 (P-4) :2024, CI-6.4.2
24.		Antistatic Footwear	IS:5557(P-2): 2023, CI-8.7.1 Ref-IS-15298 (P-1) :2024, CI-5.10 IS-15298 (P-4) :2024, CI-6.2.2.2
25.		Conductive Footwear	IS:5557(P-2): 2023, CI-8.7.2 Ref-IS-15298 (P-1) :2024, CI-5.10 IS-15298 (P-4) :2024, CI-6.2.2.1
26.		Electrical Insulating Footwear	IS:5557(P-2): 2023, CI-8.7.3 Ref-IS-15298 (P-4) :2024, CI-6.2.2.3
27.		Resistance to Cold	IS:5557(P-2): 2023, CI-8.7.2 Ref-IS-15298 (P-1) :2024, CI-5.13 IS-15298 (P-4) :2024, CI-6.2.3.2
28.	Anti Riot Shoes	weight	IS:17037: 2023, CI-4.3.2
29.	Anti Riot Shoes	Height of Upper	IS:17037: 2023, CI-4.4 Ref-15298-Part-1:2024, cl-6.2
30.	Anti Riot Shoes	Ergonomic Feature	IS:17037: 2023 Ref-15298 Part-1:2024, cl-5.1

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
31.	Anti Riot Shoes	Upper outsole Bond Strength	IS:17037: 2023, 4.5.3.1 Ref-15298 Part-1:2024, cl-5.2
32.	Anti Riot Shoes	Interlayer Bond Strength	IS:17037: 2023, 4.5.3.2 Ref-15298 Part-1:2024, cl-5.2
33.	Anti Riot Shoes	Slip Resistance	IS:17037: 2023, Cl-4.5.4 Ref-15298 Part-1:2024, cl-5.11 Ref-15298 Part-4:2024 cl-5.3.5.2,5.3.5.3
34.	Anti Riot Shoes	Penetration Resistant inserts	IS:17037: 2023, Cl-4.5.5
35.	Anti Riot Shoes	Dimensions inserts	IS:17037: 2023, Cl-4.5.5.1 Ref-15298 Part-1:2024, cl-5.8.1
36.	Anti Riot Shoes	Inserts Flex resistance	IS:17037: 2023, Cl-4.5.5.2 Ref-15298 Part-1:2024, cl-5.9
37.	Anti Riot Shoes	Performance	IS:17037: 2023, Cl-4.5.5.3 Ref-15298 Part-1:2024, cl-5.8.3
38.	Anti Riot Shoes	Stability against ageing and environmental influence	IS:17037: 2023, Cl-4.5.5.4 Ref-15298 Part-2:2024, cl-6.2.1.5.2
39.	Anti Riot Shoes	Steel Toe Caps General	IS:17037: 2023 Cl-4.5.6.1
40.	Anti Riot Shoes	Internal length of Toe Cap	IS:17037: 2023, Cl-4.5.6.2 Ref-15298 Part-1:2024, cl-5.3 15298 Part-2:2024, cl-5.3.2.2

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
41.	Anti Riot Shoes	Impact Resistance of Footwear	IS:17037: 2023, CI-4.5.6.3, Ref-15298 Part-1:2024, cl-5.4 15298 Part-2:2024, cl-5.3.2.3
42.	Anti Riot Shoes	Compression Resistance of Footwear	IS:17037: 2023, CI-4.5.6.4, Ref-15298 Part-1:2024, cl-5.5 15298 Part-2:2024, cl-5.3.2.3
43.	Anti Riot Shoes	Antistatic Footwear	IS:17037: 2023, CI-4.5.7.1 Ref-15298 Part-1:2024, cl-5.10
44.	Anti Riot Shoes	Heat Insulation of Sole Complx	IS:17037: 2023, CI-4.5.8 Ref-15298 Part-1:2024, cl-5.12 Ref-15298 Part-2:2024, cl-6.2.3.1
45.	Anti Riot Shoes	Cold Insulation of Sole Complx	IS:17037: 2023, CI-4.5.9 Ref-15298 Part-1:2024, cl-5.13 Ref-15298 Part-2:2024, cl-6.2.3.2
46.	Anti Riot Shoes	Energy Absorption Seat Region	IS:17037: 2023, CI-4.5.10 Ref-15298 Part-1:2024, cl-5.14
47.	Anti Riot Shoes	Water Resistance	IS:17037: 2023, CI-4.5.11 Ref-15298 Part-1:2024, cl-5.15.1
48.	Anti Riot Shoes	Upper material thickness	IS:17037: 2023 CI-4.6.1
49.	Anti Riot Shoes	Upper material Tear Strength	IS:17037: 2023, CI-4.6.2 Ref-15298 Part-1:2024, cl-6.3 Ref-15298 Part-2:2024, cl-5.4.3

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
50.	Anti Riot Shoes	Upper material Water vapour permeability	IS:17037: 2023, CI-4.6.3 Ref-15298 Part-1:2024, cl-6.6
51.	Anti Riot Shoes	Upper material Water vapour Co- efficient	IS:17037: 2023, CI-4.6.3 Ref-15298 Part-1:2024, cl-6.8
52.	Anti Riot Shoes	Upper material Water Penetration	IS:17037: 2023, CI-4.6.4 Ref-15298 Part-1:2024, cl-6.13 Ref- 15298 Part-2:2024, cl-6.3
53.	Anti Riot Shoes	Upper material Water Absorption	IS:17037: 2023, CI-4.6.4 Ref-15298 Part-1:2024, cl-6.13 Ref- 15298 Part-2:2024, cl-6.3
54.	Anti Riot Shoes	Lining material Tear Strength	IS:17037: 2023, CI-4.7.3 Ref-15298 Part-1:2024, cl-6.3 Ref-15298 Part-2:2024, cl-5.5.1
55.	Anti Riot Shoes	Lining material Abrasion Resistance	IS:17037: 2023, CI-4.7.5 Ref-15298 Part-1:2024, cl-6.12
56.	Anti Riot Shoes	Lining material Water vapour permeability	IS:17037: 2023, CI-4.7.5 Ref-15298 Part, 1:2024, cl-6.6
57.	Anti Riot Shoes	Lining material Water vapour Co- efficient	IS:17037: 2023, CI-4.7.5, Ref-15298 Part-1:2024, cl-6.8
58.	Anti Riot Shoes	Insole Abrasion Resistance	IS:17037: 2023, CI-4.8.2Ref-15298 Part-1:2024, cl-7.3
59.	Anti Riot Shoes	Insole Water Absorption	IS:17037: 2023, CI-4.8.3 Ref-15298 Part-1:2024, cl-7.2

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
60.	Anti Riot Shoes	Insole Water Desorption	IS:17037: 2023, CI-4.8.3 Ref-15298 Part-1:2024, cl-7.2
61.	Anti Riot Shoes	Insock Thickness	IS:17037: 2023 CI-4.9
62.	Anti Riot Shoes	Insock Radius	IS:17037: 2023 CI-4.9
63.	Anti Riot Shoes	Insock Abrasion Resistance	IS:17037: 2023, CI-4.8.2 Ref-15298 Part-1:2024, cl-7.3
64.	Anti Riot Shoes	Insock Water Absorption	IS:17037: 2023, CI-4.9.2 Ref-15298 Part-1:2024, cl-6.12
65.	Anti Riot Shoes	Insock Water Desorption	IS:17037: 2023, CI-4.8.3 Ref-15298 Part-1:2024, cl-7.2
66.	Anti Riot Shoes	Counter stiffner Thickness	IS:17037: 2023, CI-4.10
67.	Anti Riot Shoes	Collar material Thickness	IS:17037: 2023 CI-4.11.1
68.	Anti Riot Shoes	Collar material Tear Strength	IS:17037: 2023, CI-4.11.2 Ref-15298 Part-1:2024, cl-6.3
69.	Anti Riot Shoes	Tongue material Thickness	IS:17037: 2023 CI-4.12.1
70.	Anti Riot Shoes	Tongue material GSM	IS:17037: 2023, CI-4.12.1
71.	Anti Riot Shoes	Tongue material Tear Strength	IS:17037: 2023, CI-4.11.2 Ref-15298 Part-1:2024, cl-6.3
72.	Anti Riot Shoes	Thread Breaking	IS:17037: 2023, CI-4.13, Ref-IS-4910

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
73.	Anti Riot Shoes	Closing Thread	IS:17037: 2023 CI-4.13
74.	Anti Riot Shoes	Outsole Material	IS:17037: 2023, CI-4.14.1
75.	Anti Riot Shoes	Outsole Thickness	IS:17037: 2023, CI-4.14.2 Ref-15298 Part-1:2024, cl-8.1
76.	Anti Riot Shoes	Moulded Density	IS:17037: 2023, CI-4.14.3 Ref-6664:2021, Annex-A IS-3400 part-9:2020
77.	Anti Riot Shoes	Outsole Hardness	IS:17037: 2023, CI-4.14.4 IS-3400 part-2:2022
78.	Anti Riot Shoes	Outsole ageing	IS:17037: 2023, CI-4.14.5 IS-3400 part-2:2022 IS-3400 part-4:2022
79.	Anti Riot Shoes	Outsole Tear Strength	IS:17037: 2023, CI-8.14.6 Ref-15298 Part-1:2024, cl-8.2
80.	Anti Riot Shoes	Outsole Abrasion Strength	IS:17037: 2023, CI-8.14.7 Ref-15298 Part-1:2024, cl-8.3
81.	Anti Riot Shoes	Outsole Flexing Resistance	IS:17037: 2023, CI-8.14.8 Ref-15298 Part-1:2024, cl-8.4
82.	Anti Riot Shoes	Resistance to Hot Contact	IS:17037: 2023, CI-8.14.9 Ref-15298 Part-1:2024, cl-8.7
83.	Anti Riot Shoes	Resistance to Fuel Oil	IS:17037: 2023, CI-8.14.10 Ref-15298 Part-1:2024, cl-8.7

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
84.	Anti Riot Shoes	D-Rings and Hooks Material	IS:17037: 2023 CI-4.15
85.	Anti Riot Shoes	Lace Breaking load	IS:17037: 2023, CI-4.16.2 Ref-IS-1969 part-1
86.	Anti Riot Shoes	Lace Tag retention load	IS:17037: 2023, CI-4.16.2 Ref-IS-1969 part-1
87.	Footwear for Men and Women for Municipal Scavenging Work	Protective Toe Cap Impact resistance	IS:16994: 2023, CI-7.1 Ref-IS-15298-1 :2024 CI-5.3.2.3
88.		Protective Toe Cap Compression resistance	IS:16994: 2023, CI-7.1 Ref-IS-15298-1 :2024 CI-5.3.2.4
89.		Use of Polymer/Elastomer/ Rubber Material	IS:16994: 2023 CI-7.2
90.		Upper material Tear strength	IS:16994: 2023, CI-7.3.1 Ref-IS-15298-1 :2024, CI-6.3 IS-15298 part-3, CI-5.4.3
91.		Upper material Water vapour permeability	IS:16994: 2023, CI-7.3.1 Ref-IS-15298-1 :2024, CI-6.6 IS-15298 part-3, CI-5.4.6
92.	Footwear for Men and Women for Municipal Scavenging Work	Upper material Water vapour Co- efficient	IS:16994: 2023, CI-7.3.1 Ref-IS-15298-1 :2024, CI-6.8 IS-15298 part-3, CI-5.4.6
93.		Upper material Flexing Resistance	IS:16994: 2023, CI-7.3.2

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
			Ref-IS-15298-1 :2024, CI-6.8 IS-15298 part-3, CI-5.4.6
94.		Upper material Thickness	IS:16994: 2023, CI-7.3.1 Ref-IS-15298-1 :2024 CI-6.1
95.		Upper material Tensile strength	IS:16994: 2023, CI-7.3.1 Ref-IS-15298-1 :2024 CI-6.4
96.		Upper material Hydrolysis resistance	IS:16994: 2023, CI-7.3.1 Ref-IS-15298-1 :2024 CI-6.10
97.		Lining material Tear strength	IS:16994: 2023, CI-7.4 Ref-IS-15298-1 :2024, CI-6.3 IS-15298 part-3, CI-5.5.1
98.		Lining material Water vapour permeability	IS:16994: 2023, CI-7.4 Ref-IS-15298-1 :2024, CI-6.6 IS-15298 part-3, CI-5.5.2
99.		Lining material Water vapour permeability	IS:16994: 2023, CI-7.4 Ref-IS-15298-1 :2024, CI-6.8 IS-15298 part-3, CI-5.5.2
100.	Footwear for Men and Women for Municipal Scavenging Work	Lining material Abrasion resistance	IS:16994: 2023, CI-7.4 Ref-IS-15298-1 :2024, CI-6.12 IS-15298 part-3, CI-5.5.3
101.		Insole/insock material Abrasion resistance	IS:16994: 2023, CI-7.5 Ref-IS-15298-1 :2024, CI-6.12 IS-15298 part-3, CI-5.5.3

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
102.	Footwear for Men and Women for Municipal Scavenging Work	Insole/insock material Thickness	IS:16994: 2023, CI-7.5 Ref-IS-15298-1 :2024, CI-7.1; IS-15298 part-3, CI- 5.7.1
103.		Insole/insock material Water absorption	IS:16994: 2023, CI-7.5 Ref-IS-15298-1 :2024, CI-7.2 IS-15298 part-3, CI-5.7.3
104.		Insole/insock material Water desorption	IS:16994: 2023, CI-7.5 Ref-IS-15298-1 :2024, CI-7.2 IS-15298 part-3, CI-5.7.3
105.		Insole/insock material Abrasion resistance	IS:16994: 2023, CI-7.5 Ref-IS-15298-1 :2024, CI- IS-15298 part-3, CI-5.7.4
106.		Counter stiffner material First dry collapsing load	IS:16994: 2023 CI-7.6; Ref-IS- 7554:2019
107.		Counter stiffner material Resilience	IS:16994: 2023 CI-7.6 Ref-IS-7554:2019
108.		Counter stiffner material Moisture resistance	IS:16994: 2023 CI-7.6 Ref-IS-7554:2019
109.		Counter stiffner material Initial dry area shape retention	IS:16994: 2023 CI-7.6 Ref-IS-7554:2019
110.		Counter stiffner material	IS:16994: 2023 CI-7.6 Ref-IS-7554:2019

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
		10th collapsing load dry area shape retention	
111.		Counter stiffener material Peel strength	IS:16994: 2023 CI-7.6 Ref-IS-7554:2019
112.		Outsole and heel material Density	IS:16994: 2023 CI-7.7
113.		Outsole and heel material Thickness	IS:16994: 2023 CI-7.7
114.		Outsole and heel material Hardness	IS:16994: 2023 CI-7.7
115.		Outsole and heel material Change in Hardness after ageing	IS:16994: 2023 CI-7.7 Ref-IS-3400 part-4
116.		Tear Strength of outsole	IS:16994: 2023 CI-7.7.1 Ref-IS-15298-Part-1 :2024 CI-8.2
117.	Footwear for Men and Women for Municipal Scavenging Work	Abrasion Resistance of outsole	IS:16994: 2023 CI-7.7.2; Ref-IS- 15298-Part-1 :2024 CI-8.3
118.		flexing Resistance of outsole	IS:16994: 2023 CI-7.7.3 Ref-IS-15298-Part-1 :2024 CI-8.4
119.		Interlayer bond strength	IS:16994: 2023, CI-7.7.4 Ref-IS-15298-Part-1 :2024, CI-5.2
120.		Upper to outsole bond strength	IS:16994: 2023, CI-7.7.5 Ref-IS-15298-Part-1 :2024, CI-5.2

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
121.		Insock material strength	IS:16994: 2023, CI-7.8
122.		Hydrolysis	IS:16994: 2023, CI-7.9 Ref-IS-15298 part-1 :2024, CI-8.5 Ref-IS-15298 part-3 :2024, CI-5.8.5
123.		Whole footwear ageing test	IS:16994: 2023 CI-7.10
124.		Whole footwear Toe spring	IS:16994: 2023 CI-8
125.		Whole footwear Impact resistance	IS:16994: 2023 CI-8
126.		Whole footwear compression resistance	IS:16994: 2023 CI-8
127.		Whole footwear Lace breaking strength resistance	IS:16994: 2023 CI-8
128.	Footwear for Men and Women for Municipal Scavenging Work	Height of upper	IS:16994: 2023 CI-8.1 Ref-15298 part-3 ,part-4
129.		Internal length of toe cap	IS:16994: 2023, CI-8.2 Ref-15298 part-1, cl-5.3 Is-15298-part-3, cl-5.3.2.2
130.		Whole footwear Impact resistance	IS:16994: 2023, CI-8.3 Ref-is-15298-part-3, cl-5.3.2.3
131.		Whole footwear compression resistance	IS:16994: 2023, CI-8.3 Ref-is-15298-part-3, cl-5.3.2.4

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
132.		Whole footwear Volatility	IS:16994: 2023, CI-8.4 Ref-is-12240 part-4
133.		Leak Proof Test on Whole Footwear	IS:16994: 2023, CI-8.6 Ref-is-15298 part-1:2024, IS-15298 part-3, CI-5.3.3
134.	High Ankle Tactical Boots with PU-Rubber Sole	Weight	IS:17012: 2023 cl-4.3.2
135.		Height of upper	IS:17012: 2023, cl-4.4 Ref-IS-15298 Part-1 :2024 CI-6.2
136.		Whole footwear Construction	IS:17012: 2023, cl-4.5.1
137.		Whole footwear Ergonomic feature	IS:17012: 2023, cl-4.5.2 Ref-IS-15298 Part-1 :2024 CI-5.1
138.	High Ankle Tactical Boots with PU-Rubber Sole	Whole footwear Rigidity	IS:17012: 2023, cl-4.5.2 Ref-IS-15298 Part-1 :2024 CI-8.4.1.4
139.		Upper to outsole Bond Strength	IS:17012: 2023, CI-4.5.3.1 Ref-IS-15298 Part-1:2024 CI-5.2
140.		Interlayer Bond Strength	IS:17012: 2023, CI-4.5.3.2 Ref-IS-15298 Part-1:2024 CI-5.2
141.		Slip resistance	IS:17012: 2023, CI-4.5.4, Ref-IS-15298 Part-1:2024, CI-5.11 IS-15298 pArt-4, CI-5.3.4.2,5.3.4.3, 5.3.4.4

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
142.	High Ankle Tactical Boots with PU-Rubber Sole	Electrical resistance (antistatic)	IS:17012: 2023, CI-4.5.5 Ref-IS-15298 Part-1:2024, CI-5.10
143.		Heat insulation of sole complex	IS:17012: 2023, CI-4.5.6 Ref-IS-15298 Part-1:2024, CI-5.12 IS-15298 part-4, CI-6.2.3.1
144.		Cold insulation of sole complex	IS:17012: 2023, CI-4.5.7 Ref-IS-15298 Part-1:2024, CI-5.13 IS-15298 part-4, CI-6.2.3.2
145.		Energy absorption of seat region	IS:17012: 2023, CI-4.5.7 Ref-IS-15298 Part-1:2024 CI-5.14
146.		Upper material Thickness	IS:17012: 2023 CI-4.6.1.1
147.		Upper material, Toe jugloop and outside counter portion Thickness	IS:17012: 2023 CI-4.6.1.2
148.		Upper material Tear strength	IS:17012: 2023, CI-4.6.2 Ref-IS-15298 Part-1:2024, CI-6.3 IS-15298 part-4, CI-5.4.3
149.		Upper material Water vapour permeability	IS:17012: 2023, CI-4.6.3 Ref-IS-15298 Part-1:2024 CI-6.6
150.		Upper material Water vapour Co- efficient	IS:17012: 2023, CI-4.6.3 Ref-IS-15298 Part-1:2024 CI-6.8

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
151.	High Ankle Tactical Boots with PU-Rubber Sole	Upper material Water Penetration	IS:17012: 2023, CI-4.6.4 Ref-IS-15298 Part-1:2024 CI-6.13
152.		Upper material Water Absorption	IS:17012: 2023, CI-4.6.4 Ref-IS-15298 Part-1:2024 CI-6.13
153.		Lining material Counter and tongue lining, Thickness	IS:17012: 2023 CI-4.7.2 Ref-IS-3840:2017 CI-5.4
154.		Lining material Counter and tongue, lining, Tensile strength	IS:17012: 2023, CI-4.7.2 Ref-IS-3840:2017, CI-5.4
155.		Lining material Counter and tongue lining, Tongue tear	IS:17012: 2023, CI-4.7.2 Ref-IS-3840:2017, CI-5.4
156.		Lining material Counter and tongue lining Stitch tear strength	IS:17012: 2023, CI-4.7.2 Ref-IS-3840:2017 CI-5.4
157.		Lining material Counter and tongue lining, water vapour permeability	IS:17012: 2023 CI-4.7.2 Ref-IS-3840:2017, CI-5.4
158.		Abrasion Resistance	IS:17012: 2023, CI-4.7.2 Ref-IS-3840:2017 CI-5.4
159.		Lining material Tear strength	IS:17012: 2023, CI-4.7.3 Ref-IS-15298 part-1:2024, CI-6.3 IS-15298 part-4 cl-5.5.1

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
160.		Lining material Abrasion Resistance	IS:17012: 2023, CI-5.7.4 Ref-IS-15298 part-1:2024 CI-6.12
161.		Lining material water vapour permeability	IS:17012: 2023, CI-4.7.5.1 Ref-IS-15298 part-1:2024 CI-6.6
162.		Lining material water vapour Co-efficient	IS:17012: 2023, CI-4.7.5.2 Ref-IS-15298 part-1:2024 CI-6.8
163.		Toe puff and counter stiffener Thickness	IS:17012: 2023 CI-4.8
164.		Insole Thickness	IS:17012: 2023 CI-4.9.1
165.		Insole material Abrasion Resistance	IS:17012: 2023, CI-4.9.2 Ref-IS-15298 part-1:2024; CI-7.3
166.	High Ankle Tactical Boots with PU-Rubber Sole	Insole Water Absorption	IS:17012: 2023, cl-4.9.3 Ref-IS-15298 part-1 :2024 CI-7.2
167.		Insole Water Desorption	IS:17012: 2023, cl-4.9.3 Ref-IS-15298 part-1 :2024 CI-7.2
168.		Insock Thickness	IS:17012: 2023, CI-4.10
169.		Insock Material Abrasion resistance	IS:17012: 2023, CI-4.10.2 Ref-IS-15298 part-1 :2024 CI-6.12
170.		Insock Water absorption	IS:17012: 2023, cl-4.10.3 Ref-IS-15298 part-1 :2024, cl-7.2
171.		Insock Water Desorption	IS:17012: 2023, cl-4.10.3 Ref-IS-15298 part-1 :2024 CI-7.2

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
172.	High Ankle Tactical Boots with PU-Rubber Sole	Collar material Tear strength	IS:17012: 2023, cl-4.11.2 Ref-IS-15298 part-1 :2024 Cl-6.3
173.		Tongue material Thickness	IS:17012: 2023 cl-4.12.1
174.		Tongue material GSM	IS:17012: 2023 cl-4.12.1
175.		Collar material Tear strength	IS:17012: 2023, cl-4.12.2 Ref-IS-15298 part-1 :2024 Cl-6.3
176.		Closing thread Breaking strength	IS:17012: 2023 cl-4.13 Ref-IS-4910 part-3
177.		Outsole Thickness	IS:17012: 2023, cl-4.14.2 Ref-IS-15298 part-1 :2024 Cl-8.1
178.		Outsole Density	IS:17012: 2023, cl-4.14.3 Ref-IS-6664 :2024 Cl-annex-A
179.		Outsole Tear strength	IS:17012: 2023, Cl-4.14.4 Ref-IS-15298 Part-1:2024 Cl-8.2
180.		Outsole Abrasion Resistance	IS:17012: 2023, Cl-4.14.5 Ref-IS-15298 Part-1:2024 Cl-8.3
181.		Outsole Hardness	IS:17012: 2023 cl-4.14.6 Ref-IS-3400 part-2
182.		Outsole Hardness	IS:17012: 2023 Cl-4.14.6 Ref-IS-13360 part-5

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
183.		Outsole Ageing test	IS:17012: 2023, CI-4.14.7 Ref-IS-3400 part-2 & IS-3400 Part-4
184.		Outsole Flexing Resistance	IS:17012: 2023, CI-4.14.8 Ref-IS-15298 Part-1:2024 CI-8.4
185.		Outsole Hot contact resistance	IS:17012: 2023, CI-4.14.9 Ref-IS-15298 Part-1:2024 CI-8.7
186.		D-Rings and Hooks	IS:17012: 2023, CI-4.15
187.		Lace length	IS:17012: 2023 CI-4.16.1
188.		Lace Breaking strength	IS:17012: 2023 CI-4.16.2 Ref-1969 Part-1
189.	High Ankle Tactical Boots with PU-Rubber Sole	Lace Tag retention strength	IS:17012: 2023, CI-4.16.2 Ref-IS-15844, part-1:2023, Annex-H
190.		Resistance to Fuel Oil	IS:17012: 2023 Ref-IS-15298 Part-1:2024 CI-8.6.1
191.	All Rubber Gum Boots and Ankle Boots Safety and Protective	Coated binding material Width	IS:5557 PART-1 2024 CI-8.2 Ref-IS-1954
192.		Coated binding breaking strength	IS:5557 PART-1 2024, CI-8.2 Ref-IS-5557 Part-2:2023 Annex-B
193.		Rubber compound Hardness	IS:5557 PART-1 2024 CI-8.4.1 table No-2 Ref-IS-3400 Part-2

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
194.	All Rubber Gum Boots and Ankle Boots safety and protective	Rubber compound Change Hardness after ageing	IS:5557 PART-1 2024 CI-8.4.1 table No-2 Ref-IS-3400 Part-2, IS-3400 Part-4
195.		Upper material abrasion resistance	IS:5557 PART-1 2024 CI-8.5 Ref-IS-15298 Part-1:2024
196.		Upper material Tensile strength	IS:5557 PART-1 2024 CI-8.5.1 Ref-IS-15298 Part-1:2024
197.		Upper material Thickness	IS:5557 PART-1 2024 CI-8.5.2 Ref-IS-15298 Part-1:2024
198.		Upper material Flexing resistance	IS:5557 PART-1 2024 CI-8.5.3 Ref-IS-15298 Part-1:2024
199.		Upper material Abrasion resistance (only for textile)	IS:5557 PART-1 2024 CI-8.5.4 Ref-IS-15298 Part-1:2024
200.		Outsole thickness	IS:5557 PART-1 2024 CI-8.6.1
201.		Outsole tear strength	IS:5557 PART-1 2024 CI-8.6.2 Ref-IS-15298 Part-1 :2024
202.		Outsole Abrasion resistance	IS:5557 PART-1 2024 CI-8.6.3 Ref-IS-15298 Part-1 :2024
203.		Outsole Flexing resistance	IS:5557 PART-1 2024 CI-8.6.4 Ref-IS-15298 Part-1 :2024
204.		Interlayer bond strength	IS:5557 PART-1 2024 CI-8.6.5

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Mechanical Testing			
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	Leather and Leather Products		
			Ref-IS-15298 Part-1 :2024
205.		Insock thickness	IS:5557 PART-1 2024 CI-8.7.1
206.		Insock abrasion Resistance	IS:5557 PART-1 2024 CI-8.7.2 Ref-IS-15298 Part-1 :2024
207.		Resistance to hot contact	IS:5557 PART-1 2024 CI-8.8.1 Ref-IS-15298 Part-1 :2024
208.		Leak proof test	IS:5557 PART-1 2024 CI-8.9 Ref-IS-15298 Part-1 :2024
209.		Outsole tear strength	IS:5557 PART-1 2024 CI-8.6.2 Ref-IS-15298 Part-1 :2024
210.	All Rubber Gum Boots and Ankle Boots safety and protective	Height of upper	IS:5557 PART-1 2024, CI-8.10 Ref-IS-5557 part-2 :2023 IS-15298 Part-1:2024
211.		Adhesion Test for Rubberized Textile Upper	IS:5557 PART-1 2024 CI-8.11 Ref-IS-3400 Part-5
212.		Upper to Outsole bond strength	IS:5557 PART-1 2024 CI-8.12 Ref-IS-15298 Part-1 :2024
213.		Internal length of toe cap	IS:5557 PART-1 2024 CI-8.13 Ref-IS-15298 Part-1 :2024
214.		Impact resistance of safety footwear	IS:5557 PART-1 2024 CI-8.14 Ref-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		
215.		Compression resistance of safety footwear	IS:5557 PART-1 2024 CI-8.15 Ref-IS-15298 Part-1 :2024
216.		Slip resistance on ceramic tile	IS:5557 PART-1 2024 CI-8.17 Ref-IS-15298 Part-1 :2024
217.		Nail Penetration resistance	IS:5557 PART-1 2024 CI-9.1 Ref-IS-15298 Part-1 :2024
218.		Antistatic Footwear	IS:5557 PART-1 2024 CI-9.2 Ref-IS-15298 Part-1 :2024
219.		Flame resistance property	IS:5557 PART-1 2024 CI-9.3 Ref-IS-15758 Part-4
220.	All Rubber Gum Boots and Ankle Boots safety and protective	Electrical Resistance	IS:5557 PART-1 2024, CI-9.4 Ref-IS-5557 Part-2 :2023 Annex-F
221.		Resistance to Acid and Alkali	IS:5557 PART-1 2024, CI-9.5 Ref-IS-5557 Part-2 :2023 Annex-D
222.		Resistance to fuel oil	IS:5557 PART-1 2024, CI-9.6 Ref-IS-5557 Part-2 :2023 Annex-D
223.	Leather safety boots and shoes	Upper material Tensile strength	IS:1989(P-1): 2021, CI-8.1 Ref-578:2023
224.		Lining material Tensile strength	IS:1989(P-1): 2021, CI-8.2 Ref-3840:2017
225.		Lining material Stitch tear strength	IS:1989(P-1): 2021, CI-8.2 Ref-3840:2017

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
226.	Leather safety boots and shoes	Bottom material Water absorption	IS:1989(P-1): 2021, CI-8.3 Ref-579 part-1:2017
227.		Bottom material Resistance to cracking	IS:1989(P-1): 2021, CI-8.3 Ref-579part-1:2017
228.		Bottom material Relative density	IS:1989(P-1): 2021, CI-8.3 Ref-5676:2021Amd-2023
229.		Bottom material Hardness	IS:1989(P-1): 2021, CI-8.3 Ref-5676:2021, Amd-2023
230.		Bottom material Bennewart flexing	IS:1989(P-1): 2021, CI-8.3 Ref-5676:2021, Amd-2023
231.		Bottom material Ross flexing	IS:1989(P-1): 2021, CI-8.3 Ref-5676:2021, Amd-2023
232.		Bottom material Abrasion	IS:1989(P-1): 2021, CI-8.3 Ref-5676:2021, Amd-2023
233.		Bottom material Tensile strength	IS:1989(P-1): 2021, CI-8.3 Ref-5676:2021, Amd-2023
234.		Bottom material Elongation at break	IS:1989(P-1): 2021, CI-8.3 Ref-5676:2021, Amd-2023
235.		Bottom material Tear strength	IS:1989(P-1): 2021, CI-8.3 Ref-5676:2021, Amd-2023
236.		Bottom material Water absorption	IS:1989(P-1): 2021, CI-8.3.1 Ref-579 part-2:2017

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
237.	Leather safety boots and shoes	Bottom material Resistance to cracking	IS:1989(P-1): 2021, CI-8.3.1 Ref-579 part-2:2017
238.		Niwar tape width	IS:1989(P-1): 2021, CI-8.5 Ref-1895 part-1:2017
239.		Eyelet collar diameter	IS:1989(P-1): 2021, CI-8.7 Ref-5041
240.		Toe compound material	IS:1989(P-1): 2021 CI-8.8
241.		Rivet length	IS:1989(P-1): 2021 CI-8.10
242.		Heel pin length	IS:1989(P-1): 2021 CI-8.12
243.		Shank thickness	IS:1989(P-1): 2021 CI-8.13
244.		Shank width	IS:1989(P-1): 2021 CI-8.13
245.		Lace length	IS:1989(P-1): 2021 CI-8.14
246.		Lace breaking strength	IS:1989(P-1): 2021 CI-8.14
247.		Tongue lining GSM	IS:1989(P-1): 2021 CI-8.15
248.		Vamp thickness	IS:1989(P-1): 2021 CI-8.17
249.		Quarter thickness	IS:1989(P-1): 2021 CI-8.17
250.		Toe cap jug loop thickness	IS:1989(P-1): 2021 CI-8.17
251.		Loose/half tongue thickness	IS:1989(P-1): 2021 CI-8.17

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
252.	Leather safety boots and shoes	Full sock thickness	IS:1989(P-1): 2021 CI-8.17
253.		Vamp lining thickness	IS:1989(P-1): 2021 CI-8.17
254.		Quarter lining thickness	IS:1989(P-1): 2021 CI-8.17
255.		insole thickness	IS:1989(P-1): 2021 CI-8.17
256.		Middle sole thickness	IS:1989(P-1): 2021 CI-8.17
257.		Outer thickness	IS:1989(P-1): 2021 CI-8.17
258.		Lift and split lift thickness	IS:1989(P-1): 2021 CI-8.17
259.		Stiffener thickness	IS:1989(P-1): 2021 CI-8.17
260.		Top piece thickness	IS:1989(P-1): 2021 CI-8.17
261.		Upper material	IS:1989(P-1): 2021 CI-9.1
262.		Upper material Stitch per dm	IS:1989(P-1): 2021 CI-9.2
263.		Back seem reinforcement	IS:1989(P-1): 2021 CI-9.3
264.		Jug loop and Upper	IS:1989(P-1): 2021 CI-9.4
265.		Eyelet spacing	IS:1989(P-1): 2021, CI-9.5
266.		Cushing padding material	IS:1989(P-1): 2021 CI-9.6
267.		Stiffener reinforcement	IS:1989(P-1): 2021 CI-9.7

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
268.		Steel shank and rivet position	IS:1989(P-1): 2021 CI-9.10
269.		Sole stitch per dm	IS:1989(P-1): 2021 CI-9.11
270.		Midsole stitch per dm	IS:1989(P-1): 2021 CI-9.12
271.		Finish Sole finishing	IS:1989(P-1): 2021 CI-10.1
272.		Finish Toe tips and heel pins finishing	IS:1989(P-1): 2021 CI-10.2
273.		Finish Leg height	IS:1989(P-1): 2021 CI-10.4
274.		Leather sole shoe mass	IS:1989(P-1): 2021 CI-11.1
275.	Leather safety boots and shoes	Rubber sole shoe mass	IS:1989(P-1): 2021 CI-11.2
276.		Performance test	IS:1989(P-1): 2021 CI-12.1
277.		Upper material Tensile strength	IS:1989(P-1): 2021, CI-14.1 Ref-578:2023
278.		Lining material Tensile strength	IS:1989(P-1): 2021, CI-14.2 Ref-3840:2017
279.		Lining material Stitch tear strength	IS:1989(P-1): 2021 CI-14.2 Ref-3840:2017
280.		Bottom material Water absorption	IS:1989(P-1): 2021 CI-14.3 Ref-579 part-1:2017

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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		
281.	Leather safety boots and shoes	Bottom material Resistance to cracking	IS:1989(P-1): 2021 CI-14.3 Ref-579part-1:2017
282.		Bottom material Relative density	IS:1989(P-1): 2021 CI-14.3 Ref-5676:2021, Amd-2023
283.		Bottom material Hardness	IS:1989(P-1): 2021 CI-14.3 Ref-5676:2021 Amd-2023
284.		Bottom material Bennewart flexing	IS:1989(P-1): 2021 CI-14.3 Ref-5676:2021 Amd-2023
285.		Bottom material Ross flexing	IS:1989(P-1): 2021 CI-14.3 Ref-5676:2021 Amd-2023
286.		Bottom material Abrasion	IS:1989(P-1): 2021 CI-14.3 Ref-5676:2021 Amd-2023
287.		Bottom material Tensile strength	IS:1989(P-1): 2021 CI-14.3 Ref-5676:2021 Amd-2023
288.		Bottom material Elongation at break	IS:1989(P-1): 2021 CI-14.3 Ref-5676:2021 Amd-2023
289.		Bottom material Tear strength	IS:1989(P-1): 2021 CI-14.3 Ref-5676:2021 Amd-2023
290.		Bottom material Water absorption	IS:1989(P-1): 2021 CI-14.3.1 Ref-579 part-2:2017
291.		Bottom material Resistance to cracking	IS:1989(P-1): 2021 CI-14.3.1 Ref-579part-2:2017

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
292.	Leather safety boots and shoes	Niwar tape width	IS:1989(P-1): 2021 CI-14.5 Ref-1895 part-1:2017
293.		Eyelet collar diameter	IS:1989(P-1): 2021 CI-14.7 Ref-5041
294.		Rivet length	IS:1989(P-1): 2021 CI-14.10
295.		Heel pin length	IS:1989(P-1): 2021 CI-14.12
296.		Shank thickness	IS:1989(P-1): 2021 CI-14.13
297.		Shank width	IS:1989(P-1): 2021 CI-14.13
298.		Lace length	IS:1989(P-1): 2021 CI-14.14
299.		Lace breaking strength	IS:1989(P-1): 2021 CI-14.14
300.		Tongue lining GSM	IS:1989(P-1): 2021 CI-14.15
301.		Vamp thickness	IS:1989(P-1): 2021 CI-14.17
302.		Quarter thickness	IS:1989(P-1): 2021 CI-14.17
303.		Toe cap jug loop thickness	IS:1989(P-1): 2021 CI-14.17
304.		Loose/half tongue thickness	IS:1989(P-1): 2021 CI-14.17
305.		Full sock thickness	IS:1989(P-1): 2021 CI-14.17
306.		Vamp lining thickness	IS:1989(P-1): 2021 CI-14.17

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
307.		Quarter lining thickness	IS:1989(P-1): 2021 CI-14.17
308.		insole thickness	IS:1989(P-1): 2021 CI-14.17
309.		Middle sole thickness	IS:1989(P-1): 2021 CI-14.17
310.		Outer thickness	IS:1989(P-1): 2021 CI-14.17
311.		Lift and split lift thickness	IS:1989(P-1): 2021 CI-14.17
312.		Stiffener thickness	IS:1989(P-1): 2021 CI-14.17
313.	Leather safety boots and shoes	Top piece thickness	IS:1989(P-1): 2021 CI-14.17
314.		Upper material Stitch per dm	IS:1989(P-1): 2021 CI-15.2
315.		Eyelet spacing	IS:1989(P-1): 2021 CI-15.4
316.		Cushing padding material	IS:1989(P-1): 2021 CI-15.5
317.		Stiffener reinforcement	IS:1989(P-1): 2021 CI-15.6
318.		Steel shank and rivet position	IS:1989(P-1): 2021 CI-15.9
319.		Sole stitch per dm	IS:1989(P-1): 2021 CI-15.10
320.		Midsole stitch per dm	IS:1989(P-1): 2021 CI-15.11
321.		Finish Leg height	IS:1989(P-1): 2021 CI-10.4
322.		Leather sole shoe mass	IS:1989(P-1): 2021 CI-17.1

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
323.		Rubber sole shoe mass	IS:1989(P-1): 2021 CI-17.2
324.		Performance test	IS:1989(P-1): 2021 CI-18.1
325.	Leather safety boots and shoes (for heavy metal industries)	Upper material Tensile strength	IS:1989(P-2): 2021 CI-8.1 Ref-578:2023
326.		Lining material Tensile strength	IS:1989(P-2): 2021 CI-8.2 Ref-3840:2017
327.	Leather safety boots and shoes (for heavy metal industries)	Lining material Stitch tear strength	IS:1989 (P-2): 2021 CI-8.2 Ref-3840:2017
328.		Bottom material Water absorption	IS:1989 (P-2): 2021 CI-8.3 Ref-579 part-1:2017
329.		Bottom material Resistance to cracking	IS:1989 (P-2): 2021 CI-8.3 Ref-579part-1:2017
330.		Bottom material Relative density	IS:1989 (P-2): 2021 CI-8.3 Ref-5676:2021 Amd-2023
331.		Bottom material Hardness	IS:1989 (P-2): 2021 CI-8.3 Ref-5676:2021 Amd-2023
332.		Bottom material Bennewart flexing	IS:1989 (P-2): 2021 CI-8.3 Ref-5676:2021 Amd-2023
333.		Bottom material Ross flexing	IS:1989 (P-2): 2021 CI-8.3 Ref-5676:2021 Amd-2023
334.		Bottom material Abrasion	IS:1989(P-2): 2021 CI-8.3 Ref-5676:2021 Amd-2023

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
335.	Leather safety boots and shoes (for heavy metal industries)	Bottom material Tensile strength	IS:1989(P-2): 2021 CI-8.3 Ref-5676:2021Amd-2023
336.		Bottom material Elongation at break	IS:1989(P-2): 2021 CI-8.3 Ref-5676:2021 Amd-2023
337.		Bottom material Tear strength	IS:1989(P-2): 2021 CI-8.3 Ref-5676:2021Amd-2023
338.		Bottom material Water absorption	IS:1989(P-2): 2021 CI-8.3.1 Ref-579 part-2:2017
339.		Bottom material Resistance to cracking	IS:1989(P-2): 2021 CI-8.3.1 Ref-579part-2:2017
340.		Niwar tape width	IS:1989(P-2): 2021 CI-8.5 Ref-1895 part-1:2017
341.		Eyelet collar diameter	IS:1989(P-2): 2021 CI-8.7 Ref-5041
342.		Toe compound material	IS:1989(P-2): 2021 CI-8.8
343.		Rivet length	IS:1989(P-2): 2021 CI-8.10
344.		Heel pin length	IS:1989(P-2): 2021 CI-8.12
345.		Shank thickness	IS:1989(P-2): 2021 CI-8.13
346.		Shank width	IS:1989(P-2): 2021 CI-8.13
347.		Lace length	IS:1989(P-2): 2021 CI-8.14

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
348.		Lace breaking strength	IS:1989(P-2): 2021 CI-8.14
349.		Tongue lining GSM	IS:1989(P-2): 2021 CI-8.15
350.		Vamp thickness	IS:1989(P-2): 2021 CI-8.17
351.	Leather safety boots and shoes (for heavy metal industries)	Quarter thickness	IS:1989(P-2): 2021 CI-8.17
352.		Toe cap jug loop thickness	IS:1989(P-2): 2021 CI-8.17
353.		Loose/half tongue thickness	IS:1989(P-2): 2021 CI-8.17
354.		Full sock thickness	IS:1989(P-2): 2021 CI-8.17
355.		Vamp lining thickness	IS:1989(P-2): 2021 CI-8.17
356.		Quarter lining thickness	IS:1989(P-2): 2021 CI-8.17
357.		insole thickness	IS:1989(P-2): 2021 CI-8.17
358.		Middle sole thickness	IS:1989(P-2): 2021 CI-8.17
359.		Outer thickness	IS:1989(P-2): 2021 CI-8.17
360.		Lift and split lift thickness	IS:1989(P-2): 2021 CI-8.17
361.		Stiffener thickness	IS:1989(P-2): 2021 CI-8.17
362.		Top piece thickness	IS:1989(P-2): 2021 CI-8.17
363.		Upper material Stitch per dm	IS:1989(P-2): 2021 CI-9.2

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
364.		Eyelet spacing	IS:1989(P-2): 2021 CI-9.5
365.		Sole bottom part material	IS:1989(P-2): 2021 CI-9.8
366.		Sole stitch per dm	IS:1989(P-2): 2021 CI-9.11
367.	Leather safety boots and shoes (for heavy metal industries)	Midsole stitch per dm	IS:1989(P-2): 2021 CI-9.12
368.		Finish Leg height	IS:1989(P-2): 2021 CI-10.4
369.		Leather sole shoe mass	IS:1989(P-2): 2021 CI-11.1
370.		Rubber sole shoe mass	IS:1989(P-2): 2021 CI-11.2
371.		Performance test	IS:1989(P-2): 2021 CI-12.1
372.		Upper material Tensile strength	IS:1989(P-2): 2021 CI-14.1 Ref-578:2023
373.		Lining material Tensile strength	IS:1989(P-2): 2021 CI-14.2 Ref-3840:2017
374.		Lining material Stitch tear strength	IS:1989(P-2): 2021 CI-14.2 Ref-3840:2017
375.		Bottom material Water absorption	IS:1989(P-2): 2021 CI-14.3 Ref-579 part-1:2017
376.		Bottom material Resistance to cracking	IS:1989(P-2): 2021 CI-14.3 Ref-579part-1:2017

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
377.	Leather safety boots and shoes (for heavy metal industries)	Bottom material Relative density	IS:1989(P-2): 2021 CI-14.3 Ref-5676:2021Amd-2023
378.		Bottom material Hardness	IS:1989(P-2): 2021 CI-14.3 Ref-5676:2021 Amd-2023
379.		Bottom material Bennewart flexing	IS:1989(P-2): 2021 CI-14.3 Ref-5676:2021Amd-2023
380.		Bottom material Ross flexing	IS:1989(P-2): 2021 CI-14.3 Ref 5676:2021 Amd-2023
381.		Bottom material Abrasion	IS:1989(P-2): 2021 CI-14.3 Ref-5676:2021Amd-2023
382.		Bottom material Tensile strength	IS:1989(P-2): 2021 CI-14.3 Ref-5676:2021 Amd-2023
383.		Bottom material Elongation at break	IS:1989(P-2): 2021 CI-14.3 Ref-5676:2021Amd-2023
384.		Bottom material Tear strength	IS:1989(P-2): 2021 CI-14.3 Ref-5676:2021 Amd-2023
385.		Bottom material Water absorption	IS:1989(P-2): 2021 CI-14.3.1 Ref-579 part-2:2017
386.		Bottom material Resistance to cracking	IS:1989(P-2): 2021 CI-14.3.1 Ref-579part-2:2017
387.		Niwar tape width	IS:1989(P-2): 2021 CI-14.5 Ref-1895 part-1:2017

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
388.	Leather safety boots and shoes (for heavy metal industries)	Eyelet collar diameter	IS:1989(P-2): 2021 CI-14.7 Ref-5041
389.		Toe compound material	IS:1989(P-2): 2021 CI-14.8
390.		Rivet length	IS:1989(P-2): 2021 CI-14.10
391.		Heel pin length	IS:1989(P-2): 2021 CI-14.12
392.		Shank thickness	IS:1989(P-2): 2021 CI-14.13
393.		Shank width	IS:1989(P-2): 2021 CI-14.13
394.		Lace length	IS:1989(P-2): 2021 CI-14.14
395.		Lace breaking strength	IS:1989(P-2): 2021 CI-14.14
396.		Tongue lining GSM	IS:1989(P-2): 2021 CI-14.15
397.		Vamp thickness	IS:1989(P-2): 2021 CI-14.17
398.		Quarter thickness	IS:1989(P-2): 2021 CI-14.17
399.		Toe cap jug loop thickness	IS:1989(P-2): 2021 CI-14.17
400.		Loose/half tongue thickness	IS:1989(P-2): 2021 CI-14.17
401.		Full sock thickness	IS:1989(P-2): 2021 CI-14.17
402.		Vamp lining thickness	IS:1989(P-2): 2021 CI-14.17

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
403.		Quarter lining thickness	IS:1989(P-2): 2021 CI-14.17
404.		insole thickness	IS:1989(P-2): 2021 CI-14.17
405.		Middle sole thickness	IS:1989(P-2): 2021 CI-14.17
406.		Outer thickness	IS:1989(P-2): 2021 CI-14.17
407.	Leather safety boots and shoes (for heavy metal industries)	Lift and split lift thickness	IS:1989(P-2): 2021 CI-14.17
408.		Stiffener thickness	IS:1989(P-2): 2021 CI-14.17
409.		Top piece thickness	IS:1989(P-2): 2021 CI-14.17
410.		Upper material Stitch per dm	IS:1989(P-2): 2021 CI-15.2
411.		Eyelet spacing	IS:1989(P-2): 2021 CI-15.4
412.		Steel shank and rivet position	IS:1989(P-2): 2021 CI-15.9
413.		Sole stitch per dm	IS:1989(P-2): 2021 CI-15.10
414.		Midsole stitch per dm	IS:1989(P-2): 2021 CI-15.11
415.		Finish Leg height	IS:1989(P-2): 2021 CI-10.4
416.		Leather sole shoe mass	IS:1989(P-2): 2021 CI-17.1
417.		Rubber sole shoe mass	IS:1989(P-2): 2021 CI-17.2
418.		Performance test	IS:1989(P-2): 2021 CI-18.1

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
419.	Safety Rubber Canvas Boots for Miners	Upper Tear strength	Clause 5.2.1.2 of IS:3976:2018 Refer IS 15298 (Part 2)
420.		Upper material Flexing resistance	Clause 5.2.1.3 of IS:3976:2018 Refer IS 15298 (Part 2)
421.	Safety Rubber Canvas Boots for Miners	Upper Material Water Vapour permeability	Clause 5.2.1.4 of IS:3976:2018 Refer IS 15298 (Part 2)
422.	Safety Rubber Canvas Boots for Miners	Upper Material Water Vapour coefficient	Clause 5.2.1.4 of IS:3976:2018 Refer IS 15298 (Part 2)
423.	Safety Rubber Canvas Boots for Miners	Inner layer of upper abrasion Test	Clause 5.2.1.5 of IS:3976:2018 Refer IS 15298 (Part 2):2024
424.	Safety Rubber Canvas Boots for Miners	Tear strength	Clause 5.2.2 of IS:3976:2018 Refer IS 15298 (Part 2):2024
425.	Safety Rubber Canvas Boots for Miners	Stiffener Abrasion resistance	Clause 5.2.2.1 of IS:3976:2018 Refer IS 15298 (Part 2)
426.	Safety Rubber Canvas Boots for Miners	Insock Abrasion resistance	Clause 5.2.2.1 of IS:3976:2018 Refer IS 15298 (Part 2)
427.	Safety Rubber Canvas Boots for Miners	Insole Abrasion resistance	Clause 5.2.2.1 of IS:3976:2018 Refer IS 15298 (Part 2)
428.	Safety Rubber Canvas Boots for Miners	Binding Materials, Width	Clause 5.2.3 of IS:3976:2018 Refer IS 1954
429.	Safety Rubber Canvas Boots for Miners	Binding Materials, Breaking load	Clause 5.2.3 of IS:3976:2018 Annex-C

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
430.	Safety Rubber Canvas Boots for Miners	Reinforcing Material Width	Clause 5.2.4 of IS:3976:2018
431.	Safety Rubber Canvas Boots for Miners	Tear strength	Clause 5.2.4 of IS:3976:2018
432.	Safety Rubber Canvas Boots for Miners	Compact sole heel Hardness	Clause 5.2.5.2 of IS:3976:2018 Refer IS 3400 part-2
433.	Safety Rubber Canvas Boots for Miners	Compact sole heel Change in initial Hardness	Clause 5.2.5.2 of IS:3976:2018 Refer IS 3400 part-4
434.	Safety Rubber Canvas Boots for Miners	Ageing for Whole Footwear	Clause 5.2.5.3 of IS:3976:2018
435.	Safety Rubber Canvas Boots for Miners	Thickness of compact sole heel	Clause 5.2.5.4 of IS:3976:2018
436.	Safety Rubber Canvas Boots for Miners	Sewings thread	Clause 5.2.6 of IS:3976:2018
437.	Safety Rubber Canvas Boots for Miners	Safety Toe caps	Clause 5.2.7 of IS:3976:2018
438.	Safety Rubber Canvas Boots for Miners	Lace Length	Clause 5.2.8.1 of IS:3976:2018
439.	Safety Rubber Canvas Boots for Miners	Lace Breaking load	Clause 5.2.8.2 of IS:3976:2018 Annex-C
440.	Safety Rubber Canvas Boots for Miners	Eyelet Diameter	Clause 5.2.9 of IS:3976:2018

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	Leather and Leather Products		
441.	Safety Rubber Canvas Boots for Miners	Eyelet Wall Thickness	Clause 5.2.9 of IS:3976:2018
442.	Safety Rubber Canvas Boots for Miners	Counter stiffener thickness	Clause 5.2.10 of IS:3976:2018
443.	Safety Rubber Canvas Boots for Miners	Stitch per dm	Clause 5.2.10 of IS:3976:2018
444.	Safety Rubber Canvas Boots for Miners	Eyelet count	Clause 5.3.1 of IS:3976:2018
445.	Safety Rubber Canvas Boots for Miners	Vamp jugloop	Clause 5.3.4 of IS:3976:2018
446.	Safety Rubber Canvas Boots for Miners	Toe cap reinforcement	Clause 5.3.5 of IS:3976:2018
447.	Safety Rubber Canvas Boots for Miners	Foxing width	Clause 5.3.6 of IS:3976:2018
448.	Safety Rubber Canvas Boots for Miners	Insocks Thickness	Clause 5.3.7 of IS:3976:2018
449.	Safety Rubber Canvas Boots for Miners	Mass	Clause 5.5 of IS:3976:2018
450.	Safety Rubber Canvas Boots for Miners	Height of Upper	Clause 5.6 of IS:3976:2018
451.	Safety Rubber Canvas Boots for Miners	Performance Test	Clause 5.7 of IS:3976:2018

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
452.	Safety Rubber Canvas Boots for Miners	Upper/outsole bond strength	Clause 5.8 of IS:3976:2018 Refer IS 15298 Part-1
453.	Safety Rubber Canvas Boots for Miners	Whole Footwear Inter Layer Bond Strength	Clause 5.9 of IS:3976:2018 Refer IS 15298 Part-1
454.	Safety Rubber Canvas Boots for Miners	Consolidation Test	Clause 5.10 of IS:3976:2018 Refer IS 3400 part 5
455.	Safety Rubber Canvas Boots for Miners	Compression resistance (15kN $\pm$ 0.1kN)	Clause 5.11 of IS:3976:2018 Refer IS 15298 part-1
456.	Safety Rubber Canvas Boots for Miners	Internal length of toe cap	Clause 5.12 of IS:3976:2018 Refer IS 15298 part-1
457.	Safety Rubber Canvas Boots for Miners	Energy absorption test	Clause 5.13 of IS:3976:2018 Refer IS 15298 part-1
458.	Safety Rubber Canvas Boots for Miners	Outsole Abrasion Test	Clause 6.1 of IS:3976:2018 Refer IS 15298 part-1
459.	Safety Rubber Canvas Boots for Miners	Outsole Flexing resistance	Clause 6.2 of IS:3976:2018 Refer IS 15298 part-1
460.	Safety Rubber Canvas Boots for Miners	Outsole Tear strength	Clause 6.3 of IS:3976:2018 Refer IS 15298 (Part 1)
461.	Safety Rubber Canvas Boots for Miners	Resistance to Hot Contact — Sole Heel	Clause 6.4 of IS:3976:2018 Refer IS 15298 (Part 1)
462.	Safety Rubber Canvas Boots for Miners	Hydrolysis	Clause 6.5 of IS:3976:2018 Refer IS 15298 (Part 1 & 2)

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
463.	Safety Rubber Canvas Boots for Miners	Resistance to fuel oil	Clause 7.1 of IS:3976:2018 Refer IS 15298 (Part 1 & 2)
464.	Safety Rubber Canvas Boots for Miners	Resistance to Electricity	Clause 7.1 of IS:3976:2018 Refer IS 15298 (Part 2)
465.	Hawai Chappal- Specification	Length	Cl-4 Of IS 10702-2023 AMD.1-2024 Annex A
466.	Hawai Chappal- Specification	Bottom Material Compression Set At constant stress	Cl-4.4 Of IS 10702-2023 AMD.1-2024 Annex D
467.	Hawai Chappal- Specification	Bottom Material Split Tear Strength	Cl-4.4 Of IS 10702-2023 AMD.1-2024 Annex E
468.	Hawai Chappal- Specification	Bottom Material Shrinkage at 50±1°C For 24h	Cl-4.4 Of IS 10702-2023 AMD.1-2024 Annex F
469.	Hawai Chappal- Specification	Bottom Material Shrinkage at 100±1°C For 1h	Cl-4.4 Of IS 10702-2023 AMD.1-2024 Annex F
470.	Hawai Chappal- Specification	Bottom Material Abrasion resistance Force applied 5N	Cl-4.4 Of IS 10702-2023 AMD.1-2024 Refer IS 15298-2024 (Part 1)
471.	Hawai Chappal- Specification	Bottom Material Flexing Resistance	Cl-4.4 Of IS 10702-2023 AMD.1-2024 Refer IS 3400 (Part 16)

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
472.	Hawai Chappal- Specification	Bottom Material 7 Hydrolysis Resistance (Applicable Only for PU Bottom)	CI-4.4 Of IS 10702-2023 AMD.1-2024 Refer IS 16645
473.	Hawai Chappal- Specification	Strap Material 1 Density (Solid Strap)	CI-4.4 Of IS 10702-2023 AMD.1-2024 Annex C
474.	Hawai Chappal- Specification	Strap Material 1 Density (Cellular Strap)	CI-4.4 Of IS 10702-2023 AMD.1-2024 Annex C
475.	Hawai Chappal- Specification	Strap Material 2 Breaking Strength Strap to Strap (Solid Strap)	CI-4.4 Of IS 10702-2023 AMD.1-2024 Annex G
476.	Hawai Chappal- Specification	Strap Material 2 Breaking Strength Toe Portion to strap (Solid Strap)	CI-4.4 Of IS 10702-2023 AMD.1-2024 Annex G
477.	Hawai Chappal- Specification	Strap Material 2 Breaking Strength Strap to Strap (Cellular Strap)	CI-4.4 Of IS 10702-2023 AMD.1-2024 Annex G
478.	Hawai Chappal- Specification	Strap Material 2 Breaking Strength Toe Portion to strap (Cellular Strap)	CI-4.4 Of IS 10702-2023 AMD.1-2024 Annex G
479.	Hawai Chappal- Specification	Strap Material Elongation At Break (Applicable to strap to Strap V shape) (Solid strap)	CI-4.4 Of IS 10702-2023 AMD.1-2024 Annex G

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
480.	Hawai Chappal- Specification	Strap Material Elongation At Break (Applicable to strap to Strap V shape) (Cellular strap)	CI-4.4 Of IS 10702-2023 AMD.1-2024 Annex G
481.	Hawai Chappal-Specification	Toe Post Attachment strength	CI-4.4 Of IS 10702-2023 AMD.1-2024 Annex H
482.	Hawai Chappal- Specification	Attachment strength Of Rear Strap	CI-4.4 Of IS 10702-2023 AMD.1-2024 Annex H
483.	Hawai Chappal- Specification	Inter Layer Bond Strength (Applicable only for Multilayer Pasted Bottom Sole)	CI-4.4 Of IS 10702-2023 AMD.1-2024 Refer IS 15298-2024 (Part 1)
484.	Leather Safety and Protective Footwear with Direct moulded Polymeric sole	Height of Upper	Clause 6.4 of IS:14544:2022
485.	Leather Safety and Protective Footwear with Direct moulded Polymeric sole	Ergonomic Feature	Clause 6.5.2 of IS:14544:2022
486.	Leather Safety and Protective Footwear with Direct moulded Polymeric sole	Upper-Outsole Bond Strength	Clause 6.5.3 of IS:14544:2022 Refer IS 15298 Part-1
487.	Leather Safety and Protective Footwear with Direct moulded Polymeric sole	Slip Resistance	Clause 6.5.4 of IS:14544:2022 Refer IS 15298 Part-1 and Part -2

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
488.	Leather Safety and Protective Footwear with Direct moulded Polymeric sole	Resistance to fuel Oil	Clause 6.5.1 of IS:14544:2022 Refer IS 15298 Part-1
489.	Leather Safety and Protective Footwear with Direct moulded Polymeric sole	Impact Resistance of Footwear (Variety1)	Clause 6.5.6.1 of IS:14544:2022 Refer IS 15298 Part-1 and Part -2
490.	Leather Safety and Protective Footwear with Direct moulded Polymeric sole	Impact Resistance of Footwear (Variety2)	Clause 6.5.6.2 of IS:14544:2022 Refer IS 15298 Part-1 and Part -3
491.	Leather Safety and Protective Footwear with Direct moulded Polymeric sole	Compression Resistance of Footwear (Variety1)	Clause 6.5.7.1 of IS:14544:2022 Refer IS 15298 Part-1 and Part-2
492.	Leather Safety and Protective Footwear with Direct moulded Polymeric sole	Compression Resistance of Footwear (Variety2)	Clause 6.5.7.2 of IS:14544:2022 Refer IS 15298 Part-1 and Part-3
493.	Leather Safety and Protective Footwear with Direct moulded Polymeric sole	Upper: Tear Strength	Clause 6.6.3 of IS:14544:2022 Refer IS 15298 Part-1
494.	Leather Safety and Protective Footwear with Direct moulded Polymeric sole	Upper: Tensile Strength	Clause 6.6.4 of IS:14544:2022 Refer IS 15298 Part-1
495.	Leather Safety and Protective Footwear with Direct moulded	Upper: Water Vapour Permeability and Coefficient	Clause 6.6.5 of IS:14544:2022 Refer IS 15298 Part-1

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
	Polymeric sole		
496.	Leather Safety and Protective Footwear with Direct moulded Polymeric sole	Vamp and Quarter: Tear Strength	Clause 6.7.2 of IS:14544:2022 Refer IS 15298 Part-1
497.	Leather Safety and Protective Footwear with Direct moulded Polymeric sole	Vamp and Quarter: Abrasion Resistance	Clause 6.7.3 of IS:14544:2022 Refer IS 15298 Part-1
498.	Leather Safety and Protective Footwear with Direct moulded Polymeric sole	Vamp and Quarter: Water Vapour permeability	Clause 6.7.4 of IS:14544:2022 Refer IS 15298 Part-1
499.	Leather Safety and Protective Footwear with Direct moulded Polymeric sole	Vamp and Quarter: Water Vapour Coefficient	Clause 6.7.4 of IS:14544:2022 Refer IS 15298 Part-1
500.	Leather Safety and Protective Footwear with Direct moulded Polymeric sole	Insole: Thickness	Clause 6.9.2 of IS:14544:2022 Refer IS 15298 Part-1
501.	Leather Safety and Protective Footwear with Direct moulded Polymeric sole	Insole: Abrasion Resistance	Clause 6.9.3 of IS:14544:2022 Refer IS 15298 Part-1 and part-2
502.	Leather Safety and Protective Footwear	Insole: Water Absorption	Clause 6.9.4 of IS:14544:2022 Refer IS 15298 Part-1 and part-2

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
	with Direct moulded		
503.	Leather Safety and Protective Footwear with Direct moulded	Insole:Water Desorption	Clause 6.9.4 of IS:14544:2022 Refer IS 15298 Part-1 and part-2
504.	Leather Safety and Protective Footwear with Direct moulded Polymeric sole	Insock:Abrasion Resistance	Clause 6.10.2 of IS:14544:2022 Refer IS 15298 Part-1 and part-2
505.	Leather Safety and Protective Footwear with Direct moulded Polymeric sole	Insock:Water Absorption	Clause 6.10.2 of IS:14544:2022 Refer IS 15298 Part-1
506.	Leather Safety and Protective Footwear with Direct moulded Polymeric sole	Insock:Water Desorption	Clause 6.10.2 of IS:14544:2022 Refer IS 15298 Part-1
507.	Leather Safety and Protective Footwear with Direct moulded Polymeric sole	Outsole: Thickness	Clause 6.14.2 of IS:14544:2022 Refer IS 15298 Part-1
508.	Leather Safety and Protective Footwear with Direct moulded Polymeric sole	Cleated Area	Clause 6.14.3 of IS:14544:2022 Refer IS 15298 Part-1
509.	Leather Safety and Protective Footwear with Direct moulded Polymeric sole	Outsole: Cleat Height	Clause 6.14.4 of IS:14544:2022 Refer IS 15298 Part-1

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
510.	Leather Safety and Protective Footwear with Direct moulded Polymeric sole	Outsole Tear strength	Clause 6.14.5 of IS:14544:2022 Refer IS 15298 Part-1
511.	Leather Safety and Protective Footwear with Direct moulded Polymeric sole	Outsole Abrasion resistance	Clause 6.14.6 of IS:14544:2022 Refer IS 15298 Part-1
512.	Leather Safety and Protective Footwear with Direct moulded Polymeric sole	Outsole Flexing resistance	Clause 6.14.7 of IS:14544:2022 Refer IS 15298-1
513.	Leather Safety and Protective Footwear with Direct moulded Polymeric sole	Outsole Inter layer bond strength	Clause 6.14.8 of IS:14544:2022 Refer IS 15298-1
514.	Leather Safety and Protective Footwear with Direct moulded Polymeric sole	Lace Length	Clause 6.15.1 of IS:14544:2022
515.	Leather Safety and Protective Footwear with Direct moulded Polymeric sole	Lace To Lace Abrasion	Clause 6.15.3.1 IS: 14544: 2022 refer ISO 22774.
516.	Leather Safety and Protective Footwear with Direct moulded Polymeric sole	Lace To Eyelet Abrasion	Clause 6.15.3.2 IS: 14544: 2022 refer ISO 22774.
517.	Leather Safety and Protective Footwear with Direct moulded	Lace: Breaking Load	Clause 6.15.4 IS: 14544: 2022 IS 1969

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
	Polymeric sole		(Part 1) or IS 1969 (Part 2). Refer Annex H of IS 15844
518.	Leather Safety and Protective Footwear with Direct moulded Polymeric sole	Antistatic Footwear	Clause 8.1 of IS:14544:2022 Refer IS 15298 Part-1
519.	Leather Safety and Protective Footwear with Direct moulded Polymeric sole	Conductive Footwear	Clause 8.2 of IS:14544:2022 Refer IS 15298 Part-1
520.	Leather Safety and Protective Footwear with Direct moulded Polymeric sole	Cold insulation of sole	Clause 8.3 of IS:14544:2022 Refer IS 15298 Part-1
521.	Leather Safety and Protective Footwear with Direct moulded Polymeric sole	Heat insulation of sole	Clause 8.4 of IS:14544:2022 Refer IS 15298 Part-1
522.	Sports Footwear- General Purpose	Whole Footwear Toe spring height	CL.- 5 Of IS 15844- 2023 (Part 1) Amd.1-2024 Fig. 1 of Annex B
523.	Sports Footwear- General Purpose	Bond performance Upper to sole/mid sole/ composite sole	CL.- 5 Of IS 15844- 2023 (Part 1) Amd.1-2024 Annex C
524.	Sports Footwear- General Purpose	Interlayer bond strength	CL.- 5 Of IS 15844- 2023 (Part 1) Amd.1-2024 Annex C
525.	Sports Footwear- General Purpose	Energy Absorption At Seat Region	CL.- 5 Of IS 15844- 2023 (Part 1)

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
			Amd.1-2024 Refer IS 15298 (Part 1)2024
526.	Sports Footwear- General Purpose	Complete Shoe Flexing	CL.- 5 Of IS 15844- 2023 (Part 1) Amd.1-2024 Refer IS 8085 (Part 16)
527.	Sports Footwear- General Purpose	Slip Resistance (Dry and Amd.1-2024wet)	CL.- 5 Of IS 15844- 2023 (Part 1) Amd.1-2024 Annex E
528.	Sports Footwear- General Purpose	Abrasion Resistance Solid sole	CL.- 5 Of IS 15844- 2023 (Part 1) Amd.1-2024 Refer IS 3400 (Part 3)
529.	Sports Footwear- General Purpose	Abrasion Resistance Cellular sole	CL.- 5 Of IS 15844- 2023 (Part 1) Amd.1-2024Refer IS 3400 (Part 3)
530.	Sports Footwear- General Purpose	Hydrolysis Resistance	CL.- 5 Of IS 15844- 2023 (Part 1) Amd.1-2024 Refer IS 15298 (Part 1)
531.	Sports Footwear- General Purpose	Upper Material Tear strength	CL.- 4.4 Of IS 15844- 2023 (Part 1) Amd.1-2024 Refer IS 5914 (Part 5/ sec2)
532.	Sports Footwear- General Purpose	Upper Material Water Vapour permeability	CL.- 4.4 Of IS 15844- 2023 (Part 1) Amd.1-2024 Refer IS 15298 (Part 1)
533.	Sports Footwear- General Purpose	Upper Material Water Vapour Coefficient	CL.- 4.4 Of IS 15844- 2023 (Part 1) Amd.1-2024 Refer IS15298 (Part 1)
534.	Sports Footwear- General Purpose	Upper Material Stitch Tear Strength (Double Hole)	CL.- 4.4 Of IS 15844- 2023 (Part 1) Amd.1-2024 Refer IS 5914 LP 8

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
535.	Sports Footwear- General Purpose	Upper Material Breaking Strength	CL.- 4.4 Of IS 15844- 2023 (Part 1) Amd.1-2024 Refer IS 7016 (Part 2)
536.	Sports Footwear- General Purpose	Upper Material Elongation	CL.- 4.4 Of IS 15844- 2023 (Part 1) Amd.1-2024 Refer IS 7016 (Part 2) Method 1
537.	Sports Footwear- General Purpose	Upper Material Tear Strength	CL.- 4.4 Of IS 15844- 2023 (Part 1) Amd.1-2024 Refer IS 15298 (Part 1)
538.	Sports Footwear- General Purpose	Upper Material Flexing resistance (Wet And Dry)	CL.- 4.4 Of IS 15844- 2023 (Part 1) Amd.1-2024 Refer ISO 17684
539.	Sports Footwear- General Purpose	Upper Material Water Vapour permeability	CL.- 4.4 Of IS 15844- 2023 (Part 1) Amd.1-2024 Refer IS 15298 (Part 1)
540.	Sports Footwear- General Purpose	Upper Material Water Vapour Coefficient	CL.- 4.4 Of IS 15844- 2023 (Part 1) Amd.1-2024 Refer IS 15298 (Part 1)
541.	Sports Footwear- General Purpose	Upper Material Hydrolysis Resistance	CL.- 4.4 Of IS 15844- 2023 (Part 1) Amd.1-2024 Refer IS 16645
542.	Sports Footwear- General Purpose	Upper Material Bursting Strength	CL.- 4.4 Of IS 15844- 2023 (Part 1) Amd.1-2024 Refer IS 1966 (Part 2)
543.	Sports Footwear- General Purpose	Lining Material Tear Strength	CL.- 4.5 Of IS 15844- 2023 (Part 1) Amd.1-2024 Refer IS 15298 (Part 1)
544.	Sports Footwear- General Purpose	Lining Material Abrasion resistance (Wet and Dry)	CL.- 4.5 Of IS 15844- 2023 (Part 1) Amd.1-2024 Refer IS 15298 (Part 1)

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
545.	Sports Footwear- General Purpose	Lining Material Water Vapour permeability	CL.- 4.5 Of IS 15844- 2023 (Part 1) Amd.1-2024 Refer IS 15298 (Part 1)
546.	Sports Footwear- General Purpose	Lining Material Water Vapour Coefficient	CL.- 4.5 Of IS 15844- 2023 (Part 1) Amd.1-2024 Refer IS 15298 (Part 1)
547.	Sports Footwear- General Purpose	Insole Material Thickness	CL.- 4.6 Of IS 15844- 2023 (Part 1) Amd.1-2024 Refer IS 15298 (Part 1)
548.	Sports Footwear- General Purpose	Insole Material Flexing Index	CL.- 4.6 Of IS 15844- 2023 (Part 1) Amd.1-2024 Annex F
549.	Sports Footwear-	Insole Material Abrasion resistance	CL.- 4.6 Of IS 15844- 2023 (Part 1) Amd.1-2024 Refer IS 15298 (Part 1)
550.	Sports Footwear- General Purpose	Insole Material water absorption	CL.- 4.6 Of IS 15844- 2023 (Part 1) Amd.1-2024 Amd.1-2024 Refer IS 15298 (Part 1)
551.	Sports Footwear- General Purpose	Insole Material Water desorption	CL.- 4.6 Of IS 15844- 2023 (Part 1) Amd.1-2024 Refer IS 15298 (Part 1)
552.	Sports Footwear- General Purpose	In- sock Material Thickness	CL.- 4.7 Of IS 15844- 2023 (Part 1) Amd.1-2024 Refer IS 15298 (Part 1)
553.	Sports Footwear- General Purpose	In- sock Material Abrasion resistance (Wet and Dry)	CL.- 4.7 Of IS 15844- 2023 (Part 1) Amd.1-2024 Refer IS 15298 (Part 1)
554.	Sports Footwear- General Purpose	In- sock Material water absorption	CL.- 4.7 Of IS 15844- 2023 (Part 1) Amd.1-2024 Refer IS 15298 (Part 1)

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
555.	Sports Footwear- General Purpose	In- sock Material Water desorption	CL.- 4.7 Of IS 15844- 2023 (Part 1) Amd.1-2024 Refer IS 15298 (Part 1)
556.	Sports Footwear- General Purpose	Out sole Material Flexing Resistance	CL.- 4.8 Of IS 15844- 2023 (Part 1) Amd.1-2024 Refer IS 8085 (Part 4) And Annex D
557.	Sports Footwear- General Purpose	Outsole Material Hydrolysis Resistance	CL.- 4.8 Of IS 15844- 2023 (Part 1) Amd.1-2024 Refer IS 15298 (Part 1)
558.	Sports Footwear- General Purpose	Mid- Sole Compression Set For EVA And Other Material	CL.- 4.9 Of IS 15844- 2023 (Part 1) Amd.1-2024 Annex G
559.	Sports Footwear- General Purpose	Mid- Sole Split Tear strength Kg/25 mm	CL.- 4.9 Of IS 15844- 2023 (Part 1) Amd.1-2024 Annex H
560.	Sports Footwear- General Purpose	Mid- Sole Heat Shrinkage Percent	CL.- 4.9 Of IS 15844- 2023 (Part 1) Amd.1-2024 Amd.1-2024 Annex J
561.	Sports Footwear- General Purpose	Counter Stiffener First Dry Collapsing Load, Hardness	CL.- 4.10 Of IS 15844- 2023 (Part 1) Amd.1-2024 A- 3.2.6
562.	Sports Footwear- General Purpose	Counter Stiffener Resilience	CL.- 4.10 Of IS 15844- 2023 (Part 1) Amd.1-2024 A- 3.4
563.	Sports Footwear- General Purpose	Counter Stiffener Moisture Resistance	CL.- 4.10 Of IS 15844- 2023 (Part 1) Amd.1-2024 A- 3.5
564.	Sports Footwear- General Purpose	Counter Stiffener Initial Dry Area Shape Retention	CL.- 4.10 Of IS 15844- 2023 (Part 1) Amd.1-2024 A- 3.1
565.	Sports Footwear- General Purpose	Counter Stiffener Area	CL.- 4.10 Of IS 15844- 2023 (Part 1) Amd.1-2024 A- 3.1

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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		
		Shape Retention After 10th Collapse, Dry,	
566.	Sports Footwear- General Purpose	Velcro Fastener Peel Strength (Initial)	CL.- 4.11 Of IS 15844- 2023 (Part 1) Amd.1-2024 Refer IS 8085 (Part 18)
567.	Sports Footwear- General Purpose	Velcro Fastener Peel Strength (After 5000 Wear Cycles)	CL.- 4.11 Of IS 15844- 2023 (Part 1) Amd.1-2024 Refer IS 8085 (Part 18)
568.	Sports Footwear- General Purpose	Velcro Fastener Shear Strength, kPa (Initial)	CL.- 4.11 Of IS 15844- 2023 (Part 1) Amd.1-2024 Refer ISO 22776
569.	Sports Footwear- General Purpose	Velcro Fastener Shear Strength kPa (After 5000 Wear Cycles)	CL.- 4.11 Of IS 15844- 2023 (Part 1) Amd.1-2024 Refer ISO 22776
570.	Sports Footwear- General Purpose	Elastic Tape Limit Of Useful Extension	CL.- 4.12 Of IS 15844- 2023 (Part 1) Amd.1-2024 Refer IS 8085 (Part 12)
571.	Sports Footwear- General Purpose	Fasteners Breaking Strength Of Lace	CL.- 4.13 Of IS 15844- 2023 (Part 1) Amd.1-2024 Annex K
572.	Sports Footwear- General Purpose	Fasteners Lace Tag Strength	CL.- 4.13 Of IS 15844- 2023 (Part 1) Amd.1-2024 Annex L
573.	Sports Footwear- General Purpose	Fasteners Lace To Lace Abrasion	CL.- 4.13 Of IS 15844- 2023 (Part 1) Amd.1-2024 Refer IS 8085 (Part 17)
574.	Sports Footwear- General Purpose	Fasteners Strength Of Buckle/Ski Hook	CL.- 4.13 Of IS 15844- 2023 (Part 1) Amd.1-2024 Annex M
575.	Sports Footwear- Performance Sports Footwear	Toe Spring	Clause-3.1 Of IS 15844-2023 (Part 2) 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		
576.	Sports Footwear- Performance Sports Footwear	Composite Sole	Clause-3.2 Of IS 15844-2023 (Part 2) Amd.1-2024
577.	Sports Footwear- Performance Sports Footwear	Heel To Toe Drop	Clause-3.3 Of IS 15844-2023 (Part 2) Amd.1-2024
578.	Sports Footwear- Performance Sports Footwear	Rigid Sole	Clause-3.4 Of IS 15844-2023 (Part 2) Amd.1-2024
579.	Sports Footwear- Performance Sports Footwear	Bendability	Clause- 5.1 Of IS 15844-2023 (Part 2) Amd.1-2024
580.	Sports Footwear- Performance Sports Footwear	Whole Footwear Toe Spring Height	Clause-7.1.1 Of IS 15844-2023 (Part 2) Amd.1-2024
581.	Sports Footwear- Performance Sports Footwear	Upper Mid sole/Out Sole Bond performance	Clause-7.1.2 Of IS 15844-2023 (Part 2) Amd.1-2024 Refer IS 15844 (Part 1)
582.	Sports Footwear- Performance Sports Footwear	Upper To Composite Sole Bond Performance	Clause-7.1.3 Of IS 15844-2023 (Part 2)Amd.1-2024 Refer 15844 (Part 1)
583.		Outsole To Mid sole (Multilayer) Bond Performance	Clause-7.1.4 Of IS 15844-2023 (Part 2)Amd.1-2024 Refer IS 15844 (Part 1) Annex C
584.		Energy Absorption At Seat Region	Clause-7.1.5 Of IS 15844-2023 (Part 2)Amd.1-2024 Refer 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		
585.		Complete Shoe Flexing	Clause-7.1.6 Of IS 15844-2023 (Part 2)Amd.1-2024 Refer ISO 24266 (Method A)
586.		Slip Resistance (Dry and wet)	Clause-7.1.8 Of IS 15844-2023 (Part 2)Amd.1-2024 Refer IS 15844 (Part 1) Annex E
587.		Heel Drop	Clause-7.1.9 Of IS 15844-2023 (Part 2) Amd.1-2024
588.		Upper Material Flexing resistance (Dry)	Clause-7.2 Of IS 15844-2023 (Part 2) Amd.1-2024 Refer IS 5914 (Part 6/Sec 1)
589.		Upper Material Flexing resistance (Wet)	Clause-7.2 Of IS 15844-2023 (Part 2) Amd.1-2024 Refer IS 5914 (Part 6/Sec 1)
590.	Sports Footwear- Performance Sports Footwear	Upper Material Tear strength	Clause-7.2 Of IS 15844-2023 (Part 2) Amd.1-2024 Refer IS IS 5914 (Part 5/Sec 1)
591.		Upper Material Water Vapour permeability	Clause-7.2 Of IS 15844-2023 (Part 2) Amd.1-2024 Refer IS 15298 (Part 1)
592.		Upper Material Water Vapour Coefficient	Clause-7.2 Of IS 15844-2023 (Part 2) Amd.1-2024 Refer IS 15298 (Part 1)
593.		Upper Material Stitch Tear Strength (Double Hole)	Clause-7.2 Of IS 15844-2023 (Part 2) Amd.1-2024 Refer IS 5914 (LP 8)

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
594.		Upper Material Tensile Strength	Clause-7.2 Of IS 15844-2023 (Part 2) Amd.1-2024 Refer IS 5914 (Part 8)
595.		Upper Material Elongation At Break	Clause-7.2 Of IS 15844-2023 (Part 2) Amd.1-2024 Refer IS 5914 (Part 8)
596.		Upper Material Water Absorption	Clause-7.2 Of IS 15844-2023 (Part 2) Amd.1-2024 Refer IS 15298 (Part 2)
597.		Upper Material Water Penetration	Clause-7.2 Of IS 15844-2023 (Part 2) Amd.1-2024 Refer IS 15298 (Part 2)
598.		Upper Material Abrasion test (Wet And Dry)	Clause-7.2 Of IS 15844-2023 (Part 2) Amd.1-2024 Refer IS 15298 (Part 1)
599.		Upper Material Breaking Strength	Clause-7.2 Of IS 15844-2023 (Part 2) Amd.1-2024 Refer IS 7016 (Part 2) Method 1
600.	Sports Footwear- Performance Sports Footwear	Upper Material Elongation At Break	Clause-7.2 Of IS 15844-2023 (Part 2) Amd.1-2024 Refer IS 7016 (Part 2) Method 1
601.		Upper Material Tear Strength	Clause-7.2 Of IS 15844-2023 (Part 2) Amd.1-2024 Refer IS 15298 (Part 1)
602.		Upper Material Strength At Needle Perforation	Clause-7.2 Of IS 15844-2023 (Part 2) Amd.1-2024 Refer IS 8085 (Part 13) Method A

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
603.	Sports Footwear- Performance Sports Footwear	Upper Material Flexing resistance (Wet And Dry)	Clause-7.2 Of IS 15844-2023 (Part 2) Amd.1-2024 Refer IS 8085 (Part 20)
604.		Upper Material Water Vapour permeability	Clause-7.2 Of IS 15844-2023 (Part 2) Amd.1-2024 Refer IS 15298 (Part 1)
605.		Upper Material Water Vapour Coefficient	Clause-7.2 Of IS 15844-2023 (Part 2) Amd.1-2024 Refer IS 15298 (Part 1)
606.		Upper Material Hydrolysis Resistance	Clause-7.2 Of IS 15844-2023 (Part 2) Amd.1-2024 Refer IS 16645
607.		Upper Material Bursting Strength	Clause-7.2 Of IS 15844-2023 (Part 2) Amd.1-2024 Refer IS 1966 (Part 2)
608.		Lining Material Tear Strength	Clause-7.3 Of IS 15844-2023 (Part 2) Amd.1-2024 Refer IS 15298 (Part 1)
609.		Lining Material Abrasion resistance (Wet and Dry)	Clause-7.3 Of IS 15844-2023 (Part 2) Amd.1-2024 Refer IS 15298 (Part 1)
610.		Lining Material Water Vapour permeability	Clause-7.3 Of IS 15844-2023 (Part 2) Amd.1-2024 Refer IS 15298 (Part 1)
611.		Lining Material Water Vapour Coefficient	Clause-7.3 Of IS 15844-2023 (Part 2) Amd.1-2024 Refer IS 15298 (Part 1)
612.		Insole Material Thickness	Clause-7.4 Of IS 15844-2023 (Part 2) Amd.1-2024 Refer IS 15298 (Part 1)
613.		Insole Material Flexing Index	Clause-7.4 Of IS 15844-2023 (Part 2)

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
			Amd.1-2024 Refer IS 15844 (Part 1) Annex F
614.		Insole Material Abrasion resistance	Clause-7.4 Of IS 15844-2023 (Part 2) Amd.1-2024 Refer IS 15298 (Part 1)
615.		Insole Material water absorption	Clause-7.4 Of IS 15844-2023 (Part 2) Amd.1-2024 Refer IS 15298 (Part 1)
616.		Insole Material Water desorption	Clause-7.4 Of IS 15844-2023 (Part 2) Amd.1-2024 Refer IS 15298 (Part 1)
617.		In-sock (Sock liner) Material Thickness	Clause-7.5 Of IS 15844-2023 (Part 2) Amd.1-2024 Refer IS 15298 (Part 1)
618.		In-sock (Sockliner) Material Abrasion resistance (Wet and Dry)	Clause-7.5 Of IS 15844-2023 (Part 2) Amd.1-2024 Refer IS 15298 (Part 1)
619.		In-sock (Sock liner) Material water absorption	Clause-7.5 Of IS 15844-2023 (Part 2) Amd.1-2024 Refer IS 15298 (Part 1)
620.		In-sock (Sock liner) Material Water desorption	Clause-7.5 Of IS 15844-2023 (Part 2) Amd.1-2024 Refer IS 15298 (Part 1)
621.	Sports Footwear- Performance Sports Footwear	In-sock (Sock liner) Material Heat Resistance Shrinkage Linear	Clause-7.5 Of IS 15844-2023 (Part 2) Amd.1-2024 Refer IS 15844 (Part 1) Annex J
622.		Out sole Material Abrasion Resistance Cellular sole	Clause-7.6 Of IS 15844-2023 (Part 2) Amd.1-2024 Refer IS 3400 (Part 3)

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
623.	Sports Footwear- Performance Sports Footwear	Out sole Material Flexing Resistance	Clause-7.6 Of IS 15844-2023 (Part 2) Amd.1-2024 Refer IS 8085 (Part 4)
624.		Outsole Material Hydrolysis Resistance	Clause-7.6 Of IS 15844-2023 (Part 2) Amd.1-2024 Refer IS 15298 (Part 1)
625.		Outsole Material Tear Strength	Clause-7.6 Of IS 15844-2023 (Part 2) Amd.1-2024 Refer IS 15298 (Part 1)
626.		Outsole Material Tensile Strength	Clause-7.6 Of IS 15844-2023 (Part 2) Amd.1-2024 Refer IS 3400 (Part 1)
627.		Outsole Material Elongation At Break	Clause-7.6 Of IS 15844-2023 (Part 2) Amd.1-2024 Refer IS 3400 (Part 1)
628.		Outsole Material Compression set	Clause-7.6 Of IS 15844-2023 (Part 2) Amd.1-2024 Refer IS 15844 (Part 1) Annex G
629.		Mid-Sole Compression Set For EVA And Other Material	Clause-7.7 Of IS 15844-2023 (Part 2) Amd.1-2024 Refer IS 15844 (Part 1) Annex G
630.		Mid-Sole Split Tear strength Kg/25 mm	Clause-7.7 Of IS 15844-2023 (Part 2) Amd.1-2024 Refer IS 15844 (Part 1) Annex H
631.		Mid-Sole Heat Shrinkage Percent	Clause-7.7 Of IS 15844-2023 (Part 2)

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
			Amd.1-2024 Refer IS 15844 (Part 1) Annex J
632.		Mid-Sole Elongation At Break	Clause-7.7 Of IS 15844-2023 (Part 2) Amd.1-2024 Refer IS 3400 (Part 1)
633.		Counter Stiffener First Dry Collapsing Load, Hardness	Clause-7.8 Of IS 15844-2023 (Part 2) Amd.1-2024 A-3.2.6
634.		Counter Stiffener Resilience	Clause-7.8 Of IS 15844-2023 (Part 2) Amd.1-2024 A-3.4
635.		Counter Stiffener Moisture Resistance	Clause-7.8 Of IS 15844-2023 (Part 2) Amd.1-2024 A-3.5
636.		Counter Stiffener Initial Dry Area Shape Retention	Clause-7.8 Of IS 15844-2023 (Part 2) Amd.1-2024 A-3.1
637.		Counter Stiffener Area Shape Retention After 10th Collapse, Dry	Clause-7.8 Of IS 15844-2023 (Part 2) Amd.1-2024 A-3.3
638.	Sports Footwear- Performance Sports Footwear	Counter Stiffener Peel Strength	Clause-7.8 Of IS 15844-2023 (Part 2) Amd.1-2024
639.		Velcro Fastener Peel Strength (Initial)	Clause-7.9 Of IS 15844-2023 (Part 2) Amd.1-2024 Refer IS 8085 (Part 18)
640.		Velcro Fastener Peel Strength (After 5000 Wear Cycles)	Clause-7.9 Of IS 15844-2023 (Part 2) Amd.1-2024 Refer IS 8085 (Part 18)

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
641.	Sports Footwear- Performance Sports Footwear	Velcro Fastener Shear Strength, kPa (Initial)	Clause-7.9 Of IS 15844-2023 (Part 2) Amd.1-2024 Refer IS 8085 (Part 19)
642.		Velcro Fastener Shear Strength kPa (After 5000 Wear Cycles)	Clause-7.9 Of IS 15844-2023 (Part 2) Amd.1-2024 Refer IS 8085 (Part 19)
643.		Elastic Tape Limit Of Useful Extension	Clause-7.10 Of IS 15844-2023 (Part 2) Amd.1-2024 Refer IS 8085 (Part 12)
644.		Elastic Needle Strength	Clause-7.10 Of IS 15844-2023 (Part 2) Amd.1-2024 Refer IS 8085 (Part 13) Method A
645.		Fasteners Breaking Strength Of Lace	Clause-7.11 Of IS 15844-2023 (Part 2) Amd.1-2024 Refer IS 15844 (Part 1) Annex K
646.		Fasteners Lace Tag Strength	Clause-7.11 Of IS 15844-2023 (Part 2) Amd.1-2024 Refer IS 15844 (Part 1) Annex L
647.		Fasteners Lace To Lace Abrasion	Clause-7.11 Of IS 15844-2023 (Part 2) Amd.1-2024 Refer IS 8085 (Part 17)
648.		Fasteners Strength Of Buckle/Ski Hook	Clause-7.11 Of IS 15844-2023 (Part 2) Amd.1-2024 Refer IS 15844 (Part 1) Annex M

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
649.	Moulded PVC unit outsoles	Relative Density	IS-6719:1972 amd. Clause-3.6 Ref IS 10702:2023 annex-c1
650.	Moulded PVC unit outsoles	Hardness Degree Shore A	IS-6719:1972 amd.Clause-3.6 Ref IS 12240:1988 part 2
651.	Moulded PVC unit outsoles	Volatility	IS-6719:1972 amd. Clause-3.6 anex-A4
652.	Moulded PVC unit outsoles	Flexing Resistance	IS-6719:1972 amd.Clause-3.6 Ref Annex D of IS 15844(Part 1):2023
653.	Moulded PVC unit outsoles	Abrasion Resistance	IS-6719:1972 amd.Clause-3.6 Ref-3400-part-3: 2021
654.	Moulded PVC unit outsoles	Thickness	IS-6719:1972 amd.Clause-3.6 Ref-12240:1988 part-1
655.	Moulded PVC unit outsoles	Tear strength	IS-5676 amd.Clause-5.7 Ref Method A of IS 3400 (Part 12) 2022
656.	Molded rubber unit outsole	Thickness	IS-5676 :-1995Clause-5.5
657.	Molded rubber unit outsole	Relative Density	IS-5676 amd.Clause-5.7 Ref IS 10702 annex-c1:2023
658.	Molded rubber unit outsole	Hardness Degree Shore A	IS-5676 amd.Clause-5.7 Ref IS 12240 part 2:1988

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
659.	Molded rubber unit outsole	Flexing Resistance	IS-5676 amd.Clause-5.7 Ref Annex D of IS 15844(Part 1) :2024
660.	Molded rubber unit outsole	Ross Flex	IS-5676 amd.Clause-5.7 IS 3400 (Part 16)-1974
661.	Molded rubber unit outsole	Abrasion Resistance	IS-5676 amd.Clause-5.7 Ref-IS-3400-part-3 :2021
662.	Molded rubber unit outsole	Tensile strength	IS-5676 amd.Clause-5.7 Ref IS-3400 part-1:2021
663.	Molded rubber unit outsole	Elongation At Break Percent	IS-5676 amd.Clause-5.7 Ref IS-3400 part-1:2021
664.	Molded rubber unit outsole	Tear strength	IS-5676 amd.Clause-5.7 Ref Method A of IS 3400 (Part 12):2022
665.	Polyurethane unit outsoles	Thickness	IS-13893:1994 amd.Clause-4.2 Ref IS 12240 part 1:1988
666.	Polyurethane unit outsoles	Relative Density	IS-13893:1994 amd.Clause-4.3.1 Ref IS 10702:2023annex-c
667.	Polyurethane unit outsoles	Hardness Degree Shore A	IS-13893:1994 amd.Clause-4.3.1 Ref IS 12240 part 2:1988
668.	Polyurethane unit outsoles	Tensile strength	IS-13893:1994 amd.Clause-4.3.1 Ref IS-3400 part-1:2021

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
669.	Polyurethane unit outsoles	Elongation At Break Percent	IS-13893:1994 amd.Clause-4.3.1 Ref IS-3400 part-1:2021
670.	Polyurethane unit outsoles	Abrasion Resistance	IS-13893:1994 amd.Clause-4.3.1 Ref-3400-part-3:2021
671.	Polyurethane unit outsoles	Flexing Resistance	IS-13893:1994 amd.Clause-4.3.1 Ref Annex D of IS 15844 (Part 1):2023
672.	Polyurethane unit outsoles	Hydrolysis Resistance	IS-13893:1994 amd. Clause-4.3.1 Ref IS 15298 :2024 part-1
673.	Polyurethane unit outsoles	Tear strength	IS-13893:1994 amd. Clause-4.3.1 Ref Method A of IS 3400 (Part 12):2022
674.	Sandal And Slippers	Thickness of Upper/Insole and sole	IS-6721:2023 Amd.1:2024 Clause-7.4
675.	Sandal And Slippers	Whole Footwear Bond strength	IS-6721:2023Amd.1:2024 Clause-8 Table-1 Ref-IS-15298(P-1):2024
676.	Sandal And Slippers	Whole Footwear Toe Post Attachment Strength	IS-6721:2023 Amd.1:2024 Clause-8 Table -1 Annex C
677.	Sandal And Slippers	Whole Footwear Toe Ring Attachment Strength	IS-6721:2023 Amd.1:2024 Clause-8 Table -1 Annex C
678.	Sandal And Slippers	Whole Footwear Strap To Outsole Strength	IS-6721:2023Amd.1:2024 Clause-8

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
			Table -1 Ref-IS-8085(P-11)2023 ISO-24263
679.	Sandal And Slippers	Whole Footwear Of Back Strap And Buckle/D-ring	IS-6721:2023 Amd.1:2024 Clause-8 Table -1 Annex D
680.	Sandal And Slippers	Whole Footwear Limit of useful extension	IS6721:2023Amd.1: 2024 Clause-8 Table -1 Ref-IS-8085(P-12)2023 ISO-10765
681.	Sandal And Slippers	Whole Footwear Attachment Strength Of Back Strap and Velcro	IS-6721:2023 Amd.1:2024 Clause-8 Table -1 Annex D
682.	Sandal And Slippers	Whole Footwear Hydrolysis Resistance PU sole	IS-6721:2023 Amd.1:2024 Clause-8 Table -1 IS 15298(P-1)
683.	Sandal And Slippers	Whole Footwear Heel Pull Off Strength	IS-6721:2023Amd.1:2024 Clause-8 Table -1 Ref-IS-8085(P-10)2023 ISO-22650
684.	Sandal And Slippers	Whole Footwear Inter Layer Bond Strength	IS-6721:2023 Amd.1:2024 Clause-8 Table -1 Ref-IS-15298(P-1):2024
685.	Sandal And Slippers	Whole Footwear Slip Resistance, Coefficient Of friction	IS-6721:2023 Amd.1:2024 Clause-8 Table -1Ref- IS:15844(P-1): 2023 Annex E
686.	Sandal And Slippers	Whole Footwear Abrasion resistance	IS-6721:2023Amd.1:2024 Clause-8 Table -1Ref- IS:3400(P-3): 2021/ISO-4649

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
687.	Sandal And Slippers	Whole Footwear Flexing Resistance Belt method	IS-6721:2023Amd.1:2024 Clause-8 Table -1Ref- IS:8085(P-4): 2023/ISO-16177
688.	Sandal And Slippers	Whole Footwear Flexing Resistance Bennewart	IS-6721:2023Amd.1:2024 Clause-8 Table -1Ref- IS:15844(P-1): 2023 Annex D
689.	Sandal And Slippers	Upper Raw Material Tear strength (Other Than Moulded Upper Material)	IS-6721:2023 Amd.1:2024 Clause-8.1 Table -2 Ref- IS:7016(P-3/Sec1)ISO-4647-1 or IS-8085(P-9)/ISO-17696
690.	Sandal And Slippers	Upper Raw Material Tear strength (For all Moulded Upper Material)	IS-6721:2023Amd.1:2024 Clause-8.1 Table -2 Ref- IS:5914(P-5/Sec2)ISO-3377-2
691.	Sandal And Slippers	Upper Raw Material Flexing Endurance	IS-6721:2023Amd.1:2024 Clause-8.1 Table -2 Ref- IS:8085(P-20)ISO-17694
692.	Sandal And Slippers	Insole Covering Raw Material Tear strength	IS-6721:2023 Amd.1:2024 Clause-8.2 Table -3 Ref- IS:7016(P-3/Sec1)ISO-4674-1 or IS-8085(P-9)/ISO-17696
693.	Sandal And Slippers	Insole Covering Raw Material Abrasion Resistance At Dry Condition	IS-6721:2023 Amd.1:2024 Clause-8.2 Table -3 Ref- IS:8085(P-6)/ISO-17704
694.	Sandal And Slippers	Insole Covering Raw Material Abrasion Resistance At Wet Condition	IS-6721:2023 Amd.1:2024 Clause-8.2 Table -3 Ref- IS:8085(P-6)/ISO-17704

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
695.	Sandal And Slippers	Lining Raw Material Tear Strength	IS-6721:2023Amd.1:2024 Clause-8.3 Table -4 Ref-IS 5914 (Part 5/Sec 2)/ ISO 3377-2 (for leather) Method B of IS 7016 (Part 3/Sec 1)/ISO 4674-1 (for non-leather)
696.	Sandal And Slippers	Lining Raw Material Abrasion Resistance At Dry Condition	IS-6721:2023 Amd.1:2024 Clause-8.3 Table -4 Ref- IS:8085(P-6)/ISO-17704
697.	Sandal And Slippers	Lining Raw Material Abrasion Resistance At Wet Condition	IS-6721:2023 Amd.1:2024 Clause-8.3 Table -4 Ref- IS:8085(P-6)/ISO-17704
698.	Sandal And Slippers	Outsole Leather Grain Crack Index	IS-6721:2023 Amd.1:2024 Clause-8.4 Table -5 Ref- IS:5914(P-7)ISO-3378
699.	Sandal And Slippers	Outsole Leather Density	IS-6721:2023 Amd.1:2024 Clause-8.4 Table -5 Ref- IS:5914(P-4)ISO-2420
700.	Sandal And Slippers	Outsole Leather Abrasion resistance	IS-6721:2023 Amd.1:2024 Clause-8.4 Table -5 Annex - B
701.	Sandal And Slippers	Out sole Material Density (Cellular/ solid)	IS-6721:2023Amd.1:2024 Clause-8.4 Table -6 Ref- IS:3400(P-9)ISO-2781
702.	Rubber Microcellular Sheets for Soles and Heels	Relative Density	IS-6664:1992Clause-4.1.3and 8.3 Table -1 Annex C-1 of IS 10702
703.		Thickness	IS-6664:1992 Clause-4.1.3and 8.3 Table -1 IS 15298 (Part 1)
704.		Hardness, Shore A	IS-6664:1992 Clause-4.1.3and 8.3 Table -1 IS 12240 (Part 2)

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
705.	Rubber Microcellular Sheets for Soles and Heels	Compression Set	IS-6664:1992 Clause-4.1.3 and 8.3 Table -1 Annex D of IS 10702
706.		Split Tear Strength	IS-6664:1992 Clause-4.1.3 and 8.3 Table -1
707.		Heat shrinkage	IS-6664:1992 Clause-4.1.3 and 8.3 Table -1 Annex G
708.		Outsole Abrasion resistance	IS-6664:1992 Clause-4.1.3 and 8.3 Table -1; IS 15298 (Part 1)
709.		Flexing resistance	IS-6664:1992 Clause-4.1.3 and 8.3 Table -1 IS 3400 (Part 16)
710.	Unlined Moulded Rubber Boots	Thickness	IS-13995:1995 Clause -4.1 Table -1
711.		Tensile Before Ageing	IS-13995:1995 Clause -5.1.2 Table -3 Ref- IS 3400 (Part 1):1987
712.		Elongation Before Ageing	IS-13995:1995 Clause -5.1.2 Table -3 Ref- IS 3400 (Part 1):1987
713.		Tensile after ageing	IS-13995:1995 Clause -5.1.2 Table -3 Ref-IS 3400 (Part 1):1987
714.		Elongation after ageing	IS-13995:1995 Clause -5.1.2 Table -3 Ref-IS 3400 (Part 1):1987
715.		Tear resistance of upper	IS-13995:1995 Clause -5.1.3 Ref-IS -3400 (Part-2)1971

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
716.		Resistance to dry heat ageing	IS-13995:1995 Clause -5.1.4 Ref-IS -3400 (Part-4)1987
717.		Flexing resistance of upper	IS-13995:1995 Clause -5.1.5 Annex A
718.		Upper material thickness	IS: 11226:2018 Clause -5.2.1.1 Ref-IS-5677:1986
719.		Upper material Tensile strength	IS: 11226:2018 Clause -5.2.1.1 Ref-IS-5677:1986
720.		Upper material Elongation at break	IS: 11226:2018 Clause -5.2.1.1 Ref-IS-5677:1986
721.		Stitch tear strength double hold	IS: 11226:2018 Clause -5.2.1.1 Ref-IS-5677:1986
722.	Leather safety footwear having direct moulded rubber sole	Bally flexing	IS: 11226:2018 Clause -5.2.1.1 Ref-IS-5677:1986
723.		Heat resistance	IS: 11226:2018 m Clause -5.2.1.1 Ref-IS-5677:1986
724.		Tongue tear strength	IS: 11226:2018 Clause -5.2.1.1 Ref-IS-5677:1986
725.		Insole material	IS: 11226:2018 Clause -5.2.2 Ref-IS-5867:1970
726.		Stiffener First dry collapsing load, hardness	IS: 11226:2018 Clause -5.2.3 Ref-IS-7554

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
727.		Stiffener resilience	IS: 11226:2018 Clause -5.2.3 Ref- IS-7554
728.		Stiffener Moisture resistance.	IS: 11226:2018 Clause -5.2.3 Ref- IS-7554
729.	Leather safety footwear having direct moulded rubber sole	Stiffener Initial dry area shape retention	IS: 11226:2018 Clause -5.2.3 Ref- IS-7554
730.	Leather safety footwear having direct moulded rubber sole	Stiffener Area shape retention after 10m collapse. dry.	IS: 11226:2018 Clause -5.2.3 Ref- IS-7554
731.	Leather safety footwear having direct moulded rubber sole	Stiffener Peel strength,	IS: 11226:2018 Clause -5.2.3 Ref- IS-7554 Ref- 1720:1978
732.	Leather safety footwear having direct moulded rubber sole	Eyelet collar diameter	IS: 11226:2018 Clause -5.2.6.3 Ref- 5041:1978
733.		Cotton near width	IS: 11226:2018 Clause -5.2.7 Ref- 1895:1982
734.		Toe compound	IS: 11226:2018 Clause -5.2.8
735.		Lace length	IS: 11226:2018 Clause -5.2.9 Ref- 4778:1982
736.		Steel toe cap	IS: 11226:2018 Clause -5.2.10 Ref- 5852:1992
737.		Direct Moulded Rubber Hardness	IS: 11226:2018 Clause -5.2.11 Table-1 Ref-IS3400(P-2):1980

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
738.		Direct Moulded Rubber Relative Density	IS: 11226:2018 Clause -5.2.11 Table-1 Ref-IS3400(P-9):1978
739.		Direct Moulded Rubbe Tensile strength	IS: 11226:2018 Clause -5.2.11 Table-1 Ref-IS3400(P-1):1987
740.		Direct Moulded Rubber Elongation at break	IS: 11226:2018 Clause -5.2.11 Table-1 Ref-IS3400(P-1):1987
741.		Direct Moulded Rubber Flexing resistance, ROSS FLEX	IS: 11226:2018 Clause -5.2.11 Table-1 Ref-IS3400(P-16):1974
742.		Direct Moulded Rubber Change hardness IRHD after ageing 100 * 1°C for 24 h	IS: 11226:2018 Clause -5.2.11 Table-1 Ref-IS3400(P-2)1980 And IS-3400-(P-4)1987
743.	Leather safety footwear having direct moulded rubber sole	Direct Moulded Rubber Change tensile strength after ageing at 70 * 1°C for	IS: 11226:2018 Clause -5.2.11 Table-1 Ref-IS3400(P-1):1987
744.		Direct Moulded Rubber Change elongation at break after ageing at 70°C for 168 h	IS: 11226:2018 Clause -5.2.11 Table-1 Ref-IS3400(P-1):1987
745.		Rubber sole and heel Hardness	IS: 11226:2018 Clause -5.2.11 Table-1 Ref-IS3400(P-2):1980
746.		Rubber sole and heel Relative density	IS: 11226:2018 Clause -5.2.11 Table-1 Ref-IS3400(P-9):1978
747.		Rubber sole and heel Tensile strength	IS: 11226:2018 Clause -5.2.11 Table-1 Ref-IS3400(P-1):1987

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
748.	Leather safety footwear having direct moulded rubber sole	Rubber sole and heel Elongation at break	IS: 11226:2018 Clause -5.2.11 Table-1 Ref-IS3400(P-1):1987
749.		Rubber sole and heel Flexing resistance, ROSS FLEX	IS: 11226:2018 Clause -5.2.11 Table-1 Ref-IS3400(P-16):1974
750.		Rubber sole and heel Change tensile strength after ageing at 70 * I°C for 168 h,	IS: 11226:2018 Clause -5.2.11 Table-1 Ref-IS3400(P-1):1987
751.		Rubber sole and heel Change elongation at break after ageing at 70°C for 168 h	IS: 11226:2018 Clause -5.2.11 Table-1 Ref-IS3400(P-1):1987
752.		Rubber sole and heel Oil resistance	IS: 11226:2018 Clause -5.2.11 Table-1 Ref-IS3400(P-4):1987
753.		Vamp Thickness	IS: 11226:2018 Clause -5.3 Table-3
754.		Toe Cap outside counter and jug loop Thickness	IS: 11226:2018 Clause -5.3 Table-3
755.		Tongue Thickness	IS: 11226:2018 Clause -5.3 Table-3
756.		Vamp Lining Thickness	IS: 11226:2018 Clause -5.3 Table-3
757.		Quarter Lining Thickness	IS: 11226:2018 Clause -5.3 Table-3
758.		Full Sock Thickness	IS: 11226:2018 Clause -5.3 Table-3
759.		Insole Thickness	IS: 11226:2018 Clause -5.3 Table-3

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
760.	Leather safety footwear having direct moulded rubber sole	Direct moulded rubber Sole Thickness	IS: 11226:2018 Clause -5.3 Table-3
761.		Heel filler Thickness	IS: 11226:2018 Clause -5.3 Table-3
762.		Upper component material	IS: 11226:2018 Clause -5.4.2.1
763.		Stitch per dm	IS: 11226:2018 Clause -5.4.3.2
764.		Counter turned over	IS: 11226:2018 Clause -5.4.3.4
765.		Eyelet	IS: 11226:2018 Clause -5.4.3.6
766.		Stitch per dm	IS: 11226:2018 Clause -5.4.4.2
767.		Stitch per dm	IS: 11226:2018 Clause -5.4.5.2
768.		Eyelet	IS: 11226:2018 Clause -5.4.5.3
769.		Lasting allowance	IS: 11226:2018 Clause -5.4.6.1
770.		Steel toe cap reinforcement	IS: 11226:2018 Clause -5.4.6.2
771.		Shank covering	IS: 11226:2018 Clause -5.4.6.3
772.		Insock pasting	IS: 11226:2018 Clause -5.4.7.1
773.		Height of Leg Type-1	IS: 11226:2018 Clause -5.4.8.2
774.		Height of Leg Type-2	IS: 11226:2018 Clause -5.4.8.3
775.		Heel height type-3	IS: 11226:2018 Clause -5.4.8.4

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
776.	Leather safety footwear having direct moulded rubber sole	Mass of type-1 boot	IS: 11226:2018 Clause -5.5.1
777.		Mass of type-2 boot	IS: 11226:2018 Clause -5.5.2
778.		Mass of type-3 boot	IS: 11226:2018 Clause -5.5.3
779.		Mass of Footwear boot	IS: 11226:201 Clause -5.5.4
780.		Performance test Impact resistance	IS: 11226:2018 Clause -5.6
781.		Adhesion test	IS: 11226:2018 Clause -5.7.2
782.	Moulded Plastic footwear-Lines or unlined polyurethane boots for general Industrial use	Soling Pattern	IS: 16645: 2023 Clause -4.1
783.		Upper full thickness	IS: 16645: 2023 Clause -4.2 Table -1 Annex-A
784.		Upper coating thickness	IS: 16645: 2023 Clause -4.2 Table -1 Annex-A
785.		Foxing Thickness	IS: 16645: 2023 Clause -4.2 Table -1 Annex-A
786.		Boot bottom thickness	IS: 16645: 2023 Clause -4.2 Table -1 Annex-A
787.		Material and compound	IS: 16645: 2023 Clause -4.3
788.	Moulded Plastic footwear-Lines or unlined polyurethane	Resistance to flexing of boot upper	IS: 16645: 2023 Clause -5.2 Annex-B

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
789.	boots for general Industrial use	Tensile strength	IS: 16645: 2023 Clause -5.3 Ref- ISO-37
790.		Hardness	IS: 16645: 2023 Clause -5.4 Ref- ISO-48
791.		Cold flex temp. of the upper	IS: 16645: 2023 Clause -5.5 Ref- ISO-458-1
792.		Resistance of soling to cut growth	IS: 16645: 2023 Clause -5.6 Annex-C
793.		Split Tear Strength sole	IS: 16645: 2023 Clause -5.7 Annex-D
794.		Resistance to hydrolysis	IS: 16645: 2023 Clause -5.8
795.		Change in elongation	IS: 16645: 2023 Clause -5.8.1 Annex-E
796.		Flexing resistance after hydrolysis	IS: 16645: 2023 Clause -5.8.2 Annex-C Annex-E
797.		Upper material flexing after hydrolysis	IS: 16645: 2023 Clause -5.8.3
798.	Shoes for service	Design Weight	(Table 1) Clause (4.1) of IS 17043-1 : 2024 Sub Clause (4.3.2)
799.	Shoes for service	Design Height of Upper	(Table 1) Clause (4.1) of IS 17043-1 : 2024 Sub Clause: 4.4 of (Table 4.4)

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	Leather and Leather Products		
800.	Shoes for service	Whole footwear Ergonomic	(Table 1) Clause (4.1) of IS 17043-1 : 2024 Sub Clause: 4.5.2 5.1 of IS 15298 :2024 (Part 1)
801.	Shoes for service	Whole footwear Bond Strength	(Table 1) Clause (4.1) of IS 17043-1 : 2024 Sub Clause: 4.5.2 Ref. Clause 5.1 of IS 15298 :2024-1
802.	Shoes for service	Whole footwear Upper - outsole bond strength	(Table 1) Clause (4.1) of IS 17043-1 : 2024 Sub Clause: 4.5.3.1 Ref. Clause 5.2 of IS 15298 :2024-1
803.	Shoes for service	Whole footwear Interlayer bond strength	(Table 1) Clause (4.1) of IS 17043-1 : 2024 Sub Clause: 4.5.3.1 Ref. Clause 5.2 of IS 15298 :2024(Part- 1)
804.	Shoes for service	Whole footwear Slip Resistance	(Table 1) Clause (4.1) of IS 17043-1 : 2024Sub Clause: 4.5.4 Ref. 5.11 of IS 15298 :2024(Part-1)
805.	Shoes for service	Whole footwear Antistatic footwear	(Table 1) Clause (4.1) of IS 17043-1 : 2024Sub Clause: 4.5.5.1 Ref. 5.10 of IS 15298 :2024(Part-1)
806.	Shoes for service	Whole footwear Heat insulation of sole complex	(Table 1) Clause (4.1) of IS 17043-1 : 2024Sub Clause: 4.5.6 Ref. 5.12 of IS 15298 :2024(Part-1)

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
807.	Shoes for service	Whole footwear Cold Insulation of Sole Complex	(Table 1) Clause (4.1) of IS 17043-1 : 2024 Sub Clause: 4.5.7 Ref. 5.13 of IS 15298 :2024(Part-1)
808.	Shoes for service	Whole footwear Energy Absorption of Seat Region	(Table 1) Clause (4.1) of IS 17043-1 : 2024 Sub Clause: 4.5.8 Ref. 5.14 of IS 15298 :2024-Part-1
809.	Shoes for service	Upper Thickness	(Table 1) Clause (4.1) of IS 17043-1 : 2024 Sub Clause: 4.6.1
810.	Shoes for service	Upper Tensile strength	(Table 1) Clause 3.5 of IS 5677:1986 Ref. of IS 5914
811.	Shoes for service	Upper Elongation at break, percent	(Table 1) Clause 3.5 of IS 5677:1986 Ref. of IS 5914
812.	Shoes for service	Upper Stitch Tear Strength	(Table 1) Clause 3.5 of IS 5677:1986 Ref. of IS 5914
813.	Shoes for service	Upper Flexural endurance	(Table 1) Clause 3.5 of IS 5677:1986 Ref. of IS 5914
814.	Shoes for service	Upper Heat Resistance	(Table 1) Clause 3.5 Appendix A of IS 5677:1986
815.	Shoes for service	Upper Color fastness to rubbing crocking	(Table 1) Clause 3.5 of IS 5677:1986 Ref. of IS 6191
816.	Shoes for service	Upper Tongue Tear Resistance	(Table 1) Clause 3.5 of IS 5677:1986 Ref. of IS 5914

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
817.	Shoes for service	Upper Tear Strength	(Table 1)Clause (4.1)of IS 17043-1 : 2024 Sub Clause: 4.6.2Ref. of IS 15298 :2024-1 & IS-15298 :2024-4 clause-5.4.3
818.	Shoes for service	Upper Water Vapour Permeability	(Table 1)Clause (4.1)of IS 17043-1 : 2024 Sub Clause: 4.6.3Ref. of IS 15298 :2024-1
819.	Shoes for service	Upper Water Vapour Coefficient	(Table 1)Clause (4.1)of IS 17043-1 : 2024 Sub Clause: 4.6.3Ref. of IS 15298 :2024-1
820.	Shoes for service	Upper Water Penetration	(Table 1)Clause (4.1)of IS 17043-1 : 2024 Sub Clause: 4.6.4Ref. of IS 15298 :2024-1 & IS-15298 :2024-4 clause-6.3
821.	Shoes for service	Upper Water Absorption	(Table 1)Clause (4.1)of IS 17043-1 : 2024 Sub Clause: 4.6.4Ref. of IS 15298 :2024-1 & IS-15298 :2024-4 clause-6.3
822.	Shoes for service	Lining Thickness	(Table 1.0)Clause (4.1)of IS 17043-1 : 2024 Sub Clause: 4.7.1
823.	Shoes for service	Lining Tear Strength	Clause 4.7.2 of IS 17043-1 : 2024 Ref. of IS 15298 :2024-1

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
824.	Shoes for service	Lining Abrasion Resistance	Clause 4.7.3 of IS 17043-1 : 2024 Ref. of IS 15298 :2024-1
825.	Shoes for service	Lining Water Vapour Permeability	Clause 4.7.4 of IS 17043-1 : 2024 Ref. of IS 15298 :2024-1 & IS-15298 :2024-4 Clause-5.5.1
826.	Shoes for service	Lining Water Vapour Coefficient	Clause 4.7.4 of IS 17043-1 : 2024 Ref. of IS 15298 :2024-(Part-1) & IS- 15298 :2024 (Part-4)Clause-5.5.1
827.	Shoes for service	Insole Thickness	Clause 4.8.1 of IS 17043
828.	Shoes for service	Insole Abrasion Resistance	Clause 4.8.2 of IS 17043-1 : 2024 Ref. of IS 15298 :2024-(Part-1)
829.	Shoes for service	Insole Water Absorption	Clause 4.8.3 of IS 17043-1 : 2024 Ref. of IS 15298 :2024-1
830.	Shoes for service	Insole Water Desorption	Clause 4.8.3 of IS 17043-1 : 2024 Ref. of IS 15298 :2024-1
831.	Shoes for service	Insocks Thickness	Clause 4.9 of IS 17043-1 : 2024
832.	Shoes for service	Insocks Water Absorption	Clause 4.9.2 of IS 17043-1 : 2024 Ref. of IS 15298 :2024-(Part-1)
833.	Shoes for service	Insocks Water Desorption	Clause 4.9.2 of IS 17043-1 : 2024 Ref. of IS 15298 :2024-(Part-1)
834.	Shoes for service	Insocks Abrasion Resistance	Clause 4.9.3 of IS 17043-1 : 2024 Ref. of IS 15298 :2024-(Part-1)

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
835.	Shoes for service	Thickness(Toe Puff and Counter Stiffener)	Clause 4.10 of IS 17043-1 : 2024
836.	Shoes for service	Thickness (Tongue)	Clause 4.11.1 of IS 17043-1 : 2024
837.	Shoes for service	Tongue Tear Strength	Clause 4.11.2 of IS 17043-1 : 2024 Ref. of IS 15298 :2024-(Part-1)
838.	Shoes for service	Material (Eyelet Pull out)	Clause 4.14 of IS 17043-1 : 2024Annex B
839.	Shoes for service	Material (Lace to eyelet Abrasion)	Clause 4.14 of IS 17043-1 : 2024 Annex C
840.	Shoes for service	Material (Length of Lace)	Clause 4.15.1 of IS 17043-1 : 2024
841.	Shoes for service	Lace Tag Retention	Breaking Load Clause 4.15.2 of IS 17043-1 : 2024 Ref. of IS 1969-1:2018 or IS 1969-2 :2018
842.	Shoes for Service	Lace Breaking Load	Breaking Load Clause 4.15.2 of IS 17043-1 : 2024 Ref. of IS 1969-1 or IS 1969-2:2018
843.	Shoes for Service	Breaking Load of Closing Thread	Clause 4.12 of IS 17043-1 : 2024 Ref. of IS 4910-3
844.	shoes for service	Outsole Abrasion Resistance	Clause 4.13.7 of IS 17043-1 : 2024 Ref. of IS 15298 :2024-1

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
845.	shoes for service	Out sole Flexing Resistance	Clause 4.13.8 of IS 17043-1 : 2024 Ref. of IS 15298 :2024-1
846.	Shoes for service	Material of Outsole	Clause 4.13.1 of IS 17043-1 : 2024
847.	Shoes for service	Thickness of Outsole	Clause 4.13.2 of IS 17043-1 : 2024 Ref. of IS 15298 :2024-1
848.	Shoes for service	Outsole Moulded Density	Clause 4.13.3 of IS 17043-1 : 2024 Ref. of IS 6664(Annex-A) and Ref. of IS 3400-9(Method-A) : 2020
849.	Shoes for service	Out sole Hardness	Clause 4.13.4 of IS 17043-1 : 2024 Ref. of IS 13360(Part5/Sec 11) and IS 3400-2:2014
850.	Shoes for service	Out sole Ageing Test	Clause 4.13.5 of IS 17043-1 : 2024 Ref. of IS 3400-2:2014 and IS 3400- 4:2012
851.	product-Shoes for service	Outsole Tear Strength	Clause 4.13.6 of IS 17043-1 : 2024 Ref. of IS 15298 :2024-Part-1
852.	Shoes for General Purpose	Complete Product Bond strength,	Table 1 IS-17043-2 : 2024 (Clause 5.4) Ref. IS 15844-1 :2024 Annex C
853.	Shoes for General Purpose	Complete Product Inter layer bond strength	Table 1, IS-17043-2 : 2024 (Clause 5.4) Ref. IS 15844-1:2024 Annex C
854.	Shoes for General Purpose	Complete Product Whole shoe flexing, flexes	Table 1 IS-17043-2 : 2024

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
			(Clause 5.4) Ref. of IS 8085 (Part 16) :2023 Method A
855.	Shoes for General Purpose	Complete Product Water proofness on complete shoe	Table 1 IS-17043-2 : 2024 (Clause 5.4) Annex B of IS 17043-2 : 2024
856.	Shoes for General Purpose	Complete Product Slip Resistance	Table 1 of IS-17043-2 : 2024 (Clause 5.4) Ref. IS 15844 (Part 1) :2024 Annex E
857.	Shoes for General Purpose	Complete Product Attachment strength of strap and buckle/D-ring	Table 1 of IS-17043-2 : 2024 (Clause 5.4) Ref. IS 6721 :2024 Annex D
858.	Shoes for General Purpose	Complete Product Attachment strength of strap and velcro	Table 1 of IS-17043-2 : 2024 (Clause 5.4) Ref. IS 6721 :2024 Annex D
859.	Shoes for General Purpose	Complete Product Strength of eyelet attachment	Table 1 IS-17043-2 : 2024 (Clause 5.4) Annex C of IS 17043-2 : 2024
860.	Shoes for General Purpose	Complete Product Heel pull off strength,	Table 1 IS-17043-2 : 2024 (Clause 5.4) Ref. of IS 8085-10 :2023
861.	Shoes for general purpose	Complete Product Abrasion Resistance	Table 1 (Clause 5.4) IS 17043-2 : 2024
862.	Shoes for General Purpose	Complete Product Top piece attachment strength,	Table 1 IS-17043-2 : 2024 (Clause 5.4) Ref. ISO 19958

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
863.	Shoes for general purpose	Complete Product Hydrolysis Resistance	Table 1 IS-17043-2 : 2024 (Clause 5.4) Ref. IS 15298 :2024 (Part 1)
864.	Shoes for General Purpose	Complete Product Seam strength	Table 1 IS-17043-2 : 2024 (Clause 5.4) Ref. IS 8085:2024 (Part 13) Method B
865.	Shoes for General Purpose	Complete Product Whole shoe topline strength	Table 1 IS-17043-2 : 2024 (Clause 5.4) Ref. Annex D of IS 17043-2 : 2024
866.	Shoes for General Purpose	Upper Material Tear strength	Table 2 IS-17043-2 : 2024 (clause 6.1.1) Ref. IS 5914 :2023 (Part 5/Sec 2)/ ISO 3377-2 :2016
867.	Shoes for General Purpose	Upper Material Flexing Resistance	Table 2 IS-17043-2 : 2024 (clause 6.1.1)Ref. IS 5914:2023(Part 6/Sec1)
868.	Shoes for General Purpose	Upper Material Water vapour permeability ,	Table 2 IS-17043-2 : 2024 (clause 6.1.1) Ref. IS 15298 :2024 (Part 1)
869.	Shoes for General Purpose	Upper Material Water vapour coefficient,	Table 2 IS-17043-2 : 2024 (clause 6.1.1)Ref. IS 15298 :2024 (Part 1)

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
870.	Shoes for General Purpose	Upper Material Stitch tear strength	Table 2 IS-17043-2 : 2024 (clause 6.1.1)Ref. IS 5914:1970
871.	Shoes for General Purpose	Upper Material Abrasion Resistance	Table 2 IS-17043-2 : 2024 (clause 6.1.1)Ref. IS 15298 :2024 (Part 1)
872.	Shoes for General Purpose	Upper Material Water Resistance	Table 3 IS-17043-2 : 2024 (clause 6.1.2)Ref. IS 15298 :2024 (Part 1)
873.	Shoes for General Purpose	Upper Material Flexing Resistance, flexes at (-) 5 °C	Table 3 IS-17043-2 : 2024 (clause 6.1.2)Ref. IS 5914:2023 (Part 6/Sec1)
874.	Shoes for General Purpose	Upper Material Tear Strength	Table 4 IS-17043-2 : 2024 (clause 6.1.3)Ref. IS 7016:2023 (Part 3/Sec 1)Method B
875.	Shoes for General Purpose	Upper Material Strength at needle perforation	Table 4 IS-17043-2 : 2024 (clause 6.1.3)Ref. IS 8085 (Part13) :2023 Method A
876.	Shoes for General Purpose	Upper Material Flexing Resistance	Table 4 IS-17043-2 : 2024 (clause 6.1.3)Ref. IS 8085 (Part 20) :2023

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
877.	Shoes for General Purpose	Upper Material Breaking strength	Table 4 IS-17043-2 : 2024 (clause 6.1.3)Ref. ISO 17706:2016
878.	Shoes for General Purpose	Upper Material Elongation at break	Table 4 IS-17043-2 : 2024 (clause 6.1.3)Ref. ISO 17706:2016
879.	Shoes for General Purpose	Water vapour permeability	Table 4 IS-17043-2 : 2024 (clause 6.1.3)Ref. IS 15298 :2024 (Part 1)
880.	Shoes for General Purpose	Water vapour coefficient	Table 4 IS-17043-2 : 2024 (clause 6.1.3)Ref. IS 15298 :2024 (Part 1)
881.	Shoes for General Purpose	Upper Material Hydrolysis Resistance	Table 4 IS-17043-2 : 2024 (clause 6.1.3) Ref. IS 15298 :2024 (Part 1)
882.	Shoes for General Purpose	Upper Material Abrasion Resistance	Table 4 IS-17043-2 : 2024 (clause 6.1.3) Ref. IS 15298 :2024 (Part 1)
883.	Shoes for General Purpose	Upper Material Flexing Resistance, flexes at (-) 5 °C	Table 5 IS-17043-2 : 2024 (clause 6.1.4) Ref. IS 8085 (Part 20) :2023
884.	Shoes for General Purpose	Lining Material Tear Strength	Table 6 IS-17043-2 : 2024 (clause 6.2) Ref. IS 7016:2022 (Part 3/Sec 1) Method B

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	Leather and Leather Products		
885.	Shoes for General Purpose	Lining Material Abrasion Resistance	Table 6 IS-17043-2 : 2024 (clause 6.2) Ref. IS 15298 :2024 (Part 1)
886.	Shoes for General Purpose	Lining Material Water vapour permeability	Table 6 IS-17043-2 : 2024 (clause 6.2) Ref. IS 15298 :2024 (Part 1)
887.	Shoes for General Purpose	Lining Material Water vapour coefficient	Table 6 IS-17043-2 : 2024 (clause 6.2) Ref. IS 15298 :2024 (Part 1)
888.	Shoes for General Purpose	Insole Flexing index	Table 7 IS-17043-2 : 2024 (clause 6.3) Ref. IS 15844 (Part 1) Annex F
889.	Shoes for General Purpose	Insole Abrasion Resistance at 400 cycles	Table 7 IS-17043-2 : 2024 (clause 6.3) Ref. IS 15298 :2024 (Part 1)
890.	Shoes for General Purpose	Insole Water absorption,	Table 7 IS-17043-2 : 2024 (clause 6.3) Ref. IS 15298 :2024 (Part 1)
891.	Shoes for General Purpose	Insole Water desorption, percent	Table 7 IS-17043-2 : 2024 (clause 6.3) Ref. IS 15298 :2024 (Part 1)
892.	Shoes for General Purpose	In-sock Thickness	Table 8 IS-17043-2 : 2024 (Clause 6.4) Ref. ISO 2589
893.	Shoes for General Purpose	In-sock Abrasion Resistance	Table 8 IS-17043-2 : 2024 (Clause 6.4) Ref. IS 15298 :2024 (Part 1)

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	Leather and Leather Products		
894.	Shoes for General Purpose	In-sock Water absorption	Table 8 IS-17043-2 : 2024 (Clause 6.4) Ref. IS 15298 :2024 (Part 1)
895.	Shoes for General Purpose	In-sock Water desorption,	Table 8 IS-17043-2 : 2024 (Clause 6.4) Ref. IS 15298 :2024 (Part 1)
896.	Shoes for general purpose	Outsole Other than Leather Hydrolysis Resistance	Table 9 IS-17043-2 : 2024 (Clause 6.5.1) Ref. IS 15298 :2024 (Part 1)
897.	Shoes for General Purpose	Outsole Other than Leather Compression set, percent,	Table 9 IS-17043-2 : 2024 (Clause 6.5.1)IS 15844 (Part 1) :2023 Annex G
898.	Shoes for General Purpose	Outsole Leather Grain crack index	Table 10 IS-17043-2 : 2024 (Clause 6.5.2.1) Ref. ISO 3378 :2002
899.	Shoes for General Purpose	Outsole Leather Density	Table 10 IS-17043-2 : 2024 (Clause 6.5.2.1) Ref. IS 5914 (Part 4) :2023
900.	Shoes for General Purpose	Outsole Leather Abrasion Resistance	Table 10 IS-17043-2 : 2024 (Clause 6.5.2.1)Ref. IS 6721:2023 Annex B
901.	Shoes for General Purpose	Outsole Leather Water Resistance,(dynamic method) water penetration	Table 11 IS-17043-2 : 2024 (Clause 6.5.2.2) Ref. ISO 5404 :2011
902.	Shoes for general purpose	Midsole Compression set	Table 13 IS-17043-2 : 2024

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	Leather and Leather Products		
			(Clause 6.6) Ref. IS 15844:2023 (Part 1) Annex G
903.	Shoes for general purpose	Toe and counter stiffener Hardness	Table 14 IS-17043-2 : 2024 (Clause 6.7) Ref. IS 7554:2009 Annex A-3.2
904.	Shoes for general purpose	Toe and counter stiffener Resilience	Table 14 IS-17043-2 : 2024 (Clause 6.7) Ref. IS 7554:2009 Annex A-3.4
905.	Shoes for general purpose	Toe and counter stiffener Moisture Resistance	Table 14 IS-17043-2 : 2024 (Clause 6.7) Ref. IS 7554:2009 Annex A-3.5
906.	Shoes for general purpose	Area shape retention a) Initial	Table 14 IS-17043-2 : 2024 (Clause 6.7) Ref. IS 7554:2009 Annex A-3.1 & IS 7554:2009 Annex A-3.3
907.	Shoes for general purpose	Area shape retention After 10 collapsing load,	Table 14 IS-17043-2 : 2024 (Clause 6.7) Ref. IS 7554:2009 Annex A-3.1 & IS 7554:2009 Annex A-3.3
908.	Shoes for general purpose	Outsole Other than Leather Flexing Resistance (belt method)	Table 9 IS-17043-2 : 2024 (Clause 6.5.1) Ref. IS 15844:2023 (Part 1) Annex D
909.	Shoes for general purpose	Bennewart method, cut growth at the end of 30 000 cycles	Table 9 IS-17043-2 : 2024 (Clause 6.5.1) Ref. IS 15844:2023 (Part 1) Annex D

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
910.	Shoes for general purpose	Top-Lift Hardness, (Shore A)	Table 12 IS-17043-2 : 2024 (Clause 6.5.2.3) Ref. IS 5676:1995
911.	Shoes for general purpose	Top-Lift Density,	Table 12 IS-17043-2 : 2024 (Clause 6.5.2.3) IS 10702:2023 Annex C
912.	Shoes for general purpose	Midsole Split tear strength,	Table 13 IS-17043-2 : 2024 (Clause 6.6) Ref. IS 15844:2023 (Part 1)Annex H
913.	Shoes for general purpose	Midsole Heat shrinkage	Table 13 IS-17043-2 : 2024 (Clause 6.6) Ref. IS 15844:2023 (Part 1) Annex J
914.	Shoes for General Purpose	Outsole Leather Water absorption	Table 11 IS-17043-2 : 2024 (Clause 6.5.2.2) Ref. ISO 5404:2011
915.	Shoes for general purpose	Top-Lift Abrasion Resistance	Table 12 IS-17043-2 : 2024 (Clause 6.5.2.3) IS 3400 (Part 3):2021
916.	Shoes for general purpose	Top-Lift Bond Strength between Rubber top- lift and adjacent material,	Table 12 IS-17043-2 : 2024 (Clause 6.5.2.3) Ref. IS 15844:2023 (Part 1) Annex C
917.	Shoes for General Purpose	Toe and counter Stiffener Adhesion strength	Table 14 IS-17043-2 : 2024 (Clause 6.7) Ref. IS 15844 (Part 1) :2023
918.	Shoes for General Purpose	Velcro Fastener Peel strength	Table 15 IS-17043-2 : 2024 (Clause 6.8) Ref. IS 8085 (Part 18) :2023

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
919.	Shoes for General Purpose	Velcro Fastener Shear strength	Table 15 IS-17043-2 : 2024 (Clause 6.8) Ref. IS 8085 (Part 19) :2023
920.	Shoes for General Purpose	Elastic Tape Limit of useful extension	Table 16 IS-17043-2 : 2024 (Clause 6.9) Ref. IS 8085 (Part 12) :2023
921.	Shoes for General Purpose	Elastic Tape Needle strength,	Table 16 IS-17043-2 : 2024 (Clause 6.9) Ref. IS 8085 (Part 13) :2023 Method A
922.	Shoes for General Purpose	Lace tag strength,	Table 17 IS-17043-2 : 2024 (Clause 6.10) Ref. IS 15844 (Part 1) :2023 Annex L
923.	Shoes for General Purpose	Lace to lace abrasion	Table 17 IS-17043-2 : 2024 (Clause 6.10) Ref. IS 8085 (Part 17) :2023
924.	Shoes for General Purpose	Lace breaking strength,	Table 17 IS-17043-2 : 2024 (Clause 6.10) Ref. IS 15844 (Part 1) Annex K
925.	Shoes for General Purpose	Zipper Fatigue Resistance,	Table 18 IS-17043-2 : 2024 (Clause 6.11) Ref. ISO 10751:2016
926.	Shoes for General Purpose	Zipper Security of puller attachment strength,	Table 18 IS-17043-2 : 2024 (Clause 6.11) Ref. ISO 10734 :2016

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
927.	Shoes for General Purpose	Zipper Lateral load,	Table 18 IS-17043-2 : 2024 (Clause 6.11) Ref. ISO 10764:2016
928.	Shoes for General Purpose	Zipper End attachment strength	Table 18 IS-17043-2 : 2024 (Clause 6.11) Ref. ISO 10750:2015
929.	Personal Protective Equipment-safety Footwear	Design Height of upper	Table 2 IS 15298 -2: 2024 (Clause-5.2.2) Ref. ISO 20344:2021 Clause 6.2
930.	Personal Protective Equipment-safety Footwear	Whole Footwear Upper/ outsole bond strength	Table 2 IS 15298-2: 2024 (Clause-5.3.1.2) Ref. ISO 20344:2021 Clause 5.2
931.	Personal Protective Equipment-safety Footwear	Whole Footwear General of Toe Protection General	Table 2 IS 15298 -2: 2024 (clause-5.3.2.1)
932.	Personal Protective Equipment-safety Footwear	Whole Footwear Internal Length of Toe Cap	Table 2 IS 15298-2: 2024 (Clause-5.3.2.2) Ref. ISO 20344:2011 Clause 5.3.2.1
933.	Personal Protective Equipment-safety Footwear	Whole Footwear Width of toecap flange	IS 15298 -2: 2024 (Clause-5.3.2.3 Ref. ISO 20344:2021 Clause 5.3.2.2
934.	Personal Protective Equipment-safety Footwear	Whole Footwear Behaviour of toecaps (thermal and chemical)	IS 15298-2: 2024 (Clause-5.3.2.5) Ref. ISO 20344:2021 Clause 5.6.2

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
935.	Personal Protective Equipment-safety Footwear	Whole Footwear Impact Resistance	IS 15298-2: 2024 (Clause-5.3.2.6) Ref. ISO 20344:2021 Clause 5.4
936.	Personal Protective Equipment-safety Footwear	Whole Footwear Compression Resistance	IS 15298-2: 2024 (Clause-5.3.2.7 Ref. ISO 20344:2021 Clause 5.4
937.	Personal Protective Equipment-safety Footwear	Whole Footwear Leak proofness	IS 15298-2: 2024 (Clause-5.3.3 Ref. ISO 20344:2021 Clause 5.7
938.	Personal Protective Equipment-safety Footwear	Whole Footwear Specific ergonomic features	IS 15298-2: 2024 (Clause-5.3.4) Ref. ISO 20344:2021 Clause 5.1
939.	Personal Protective Equipment-safety Footwear	Whole Footwear Slip Resistance	IS 15298-2: 2024 (Clause-5.3.5.2) Ref. ISO 20344:2021 Clause 5.14
940.	Personal Protective Equipment-safety Footwear	Whole Footwear Seam Strength	IS 15298-2: 2024 (Clause-5.3.7) Ref. ISO 20344:2021 Clause 5.25
941.	Personal Protective Equipment-safety Footwear	Whole Footwear Water Resistance	IS 15298-2: 2024 (Clause-6.2.5)
942.	Personal Protective Equipment-safety Footwear	Height of the area where upper requirements apply (class I)	IS 15298-2: 2024 Clause: 5.4.1.1
943.	Personal Protective Equipment-safety Footwear	Height of the area where upper requirements apply (hybrid)	IS 15298-2: 2024 Clause: 5.4.1.2

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
944.	Personal Protective Equipment-safety Footwear	Upper Thickness	IS 15298-2: 2024 Clause: 5.4.2 Ref. ISO 20344:2021: 6.1
945.	Personal Protective Equipment-safety Footwear	Upper Tear strength	IS 15298-2: 2024 Clause: 5.4.3 Ref. ISO 20344:2021: 6.3
946.	Personal Protective Equipment-safety Footwear	Upper Tensile Strength	IS 15298-2: 2024 Clause: 5.4.4 Ref. ISO 20344:2021: 6.4
947.		Upper Flexing Resistance	IS 15298-2: 2024 Clause: 5.4.5 Ref. ISO 20344:2021: 6.5
948.		Upper Water vapour permeability	IS 15298-2: 2024 Clause: 5.4.6 Ref. ISO 20344:2011: 6.6 & 6.8
949.		Upper Water vapour coefficient	IS 15298-2: 2024 Clause: 5.4.6 Ref. ISO 20344:2011: 6.6 & 6.8
950.		Upper Hydrolysis	IS 15298-2: 2024 Clause: 5.4.7 Ref. ISO 20344:2021: 6.10
951.		Vamp lining Tear strength	IS 15298-2: 2024 Clause: 5.5.2 Ref. ISO 20344:2021: 6.3
952.		Vamp lining Abrasion Resistance	IS 15298-2: 2024 Clause: 5.5.3 Ref. ISO 20344:2021: 6.12
953.		Vamp lining Water vapour permeability	IS 15298-2: 2024 Clause: 5.5.4 Ref. ISO 20344:2021: 6.6,6.7 & 6.8
954.		Vamp lining Water vapour coefficient	IS 15298-2: 2024 Clause: 5.5.4 Ref. ISO 20344:2021: 6.6,6.7 & 6.8

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
955.	Personal Protective Equipment-safety Footwear	Quarter lining Tear strength	IS 15298 -2: 202 Clause: 5.5.2 Ref. ISO 20344:2021: 6.3
956.		Quarter lining Abrasion Resistance	IS 15298-2: 2024 Clause: 5.5.3 Ref. ISO 20344:2021: 6.12
957.		Quarter lining Water vapour permeability	IS 15298-2: 2024 Clause: 5.5.4 Ref. ISO 20344:2021: 6.6,6.7 & 6.8
958.		Quarter lining Water vapour coefficient	IS 15298 -2: 2024 Clause: 5.5.4 Ref. ISO 20344:2021: 6.6,6.7 & 6.8
959.		Tongue Tear strength	IS 15298 -2: 2024 Clause: 5.6.2 Ref. ISO 20344:2011: 6.3
960.		Insole, in-sock and footbed Thickness	IS 15298 -2: 2024 Clause: 5.7.1 Ref. ISO 20344:2021: 7.1
961.		Insole and in-sock Water absorption	IS 15298 -2: 2024 Clause: 5.7.3 Ref. ISO 20344:2021: 7.2
962.		Insole and in-sock Water desorption	IS 15298 -2: 2024 Clause: 5.7.3 Ref. ISO 20344:2021: 7.2
963.		Abrasion Resistance of Insole	IS 15298 -2: 2024 Clause: 5.7.4.1 Ref. ISO 20344:2021: 7.3 & 5.7.1
964.		Abrasion Resistance of Insock	IS 15298 -2: 2024 Clause: 5.7.4.2 Ref. ISO 20344:2021: 6.12
965.		Outsole Thickness	IS 15298 -2: 2024 Clause: 5.8.2.1 Ref. ISO 20344:2021 Clause: 8.2.3

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
966.	Shoes for service- Personal Protective Equipment-safety Footwear	Outsole Cleated area	IS 15298 -2: 2024, Clause: 5.8.2.2 Ref. ISO 20344:2021 Clause: 8.2.2
967.	Personal Protective Equipment-safety Footwear	Outsole Cleat height	IS 15298 -2: 2024, Clause: 5.8.2.3 Ref. ISO 20344: 2021 Clause: 8.2.3
968.		Outsole Tear strength	IS 15298 -2: 2024, Clause: 5.8.3 Ref. ISO 20344: 2021 Clause: 8.3
969.		Outsole Abrasion Resistance	IS 15298 -2: 2024, Clause: 5.8.4 Ref. ISO 20344: 2021 Clause: 8.4
970.		Outsole Flexing Resistance	IS 15298 -2: 2024 Clause: 5.8.5 Ref. ISO 20344: 2021 Clause: 8.6 & 8.5
971.		Outsole Hydrolysis	IS 15298 -2: 2024 Clause: 5.8.6 Ref. ISO 20344: 2021 Clause: 8.7
972.		Outsole Interlayer bond strength	IS 15298 -2: 2024 Clause: 5.8.7 Ref. ISO 20344: 2021 Clause: 5.2
973.		Whole Footwear Penetration Resistance	IS 15298 -2: 2024, Clause: 6.2.1 Ref. ISO 20344:2021 5.9, 5.10.4.2.2,& 5.10.4.2.1
974.		Whole Footwear Flex Resistance of penetration-resistant inserts	IS 15298 -2: 2024 Clause: 6.2.1.4.1 Ref. ISO 20344:2021 Clause: 5.12
975.		Whole Footwear Partially conductive footwear	IS 15298 :2024-2: 2016, Clause: 6.2.2.1, Ref. ISO 20344:2011, Cl: 5.13

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
976.		Whole Footwear Scuff cap abrasion	IS 15298 -2: 2024 Clause: 6.2.9 Ref. ISO 20344: 2021, Clause: 5.24.2
977.		Outsole Resistance to hot contact	IS 15298 -2: 2024 Clause: 6.4.1 Ref. ISO 20344: 2021, Clause: 8.9
978.		Outsole Resistance to fuel oil	IS 15298 -2: 2024, Clause: 6.4.2 Ref. ISO 20344: 2021, Clause: 8.8.2.1 & 8.8.2.2
979.		Outsole Ladder Grip Mechanical properties	IS 15298 -2: 2024 Clause: 6.4.3.1
980.		Outsole Ladder Grip Design	IS 15298 -2: 2024 Clause: 6.4.3.2
981.	Personal Protective Equipment-safety Footwear	Outsole Ladder Grip Cleat height in the waist area	IS 15298 -2: 2024, Clause: 6.4.3.3 Ref. ISO 20344: 2021, Clause: 8.2.4
982.		Outsole Ladder Grip Heel breast	IS 15298 -2: 2024, Clause: 6.4.3.4 Ref. ISO 20344: 2021, Clause: 8.2.4
983.		Whole Footwear Impact Resistance of metatarsal protective device	IS 15298 -2: 2024, Clause: 6.2.6.2 Ref. ISO 20344: 2021, Clause: 5.20
984.		Whole Footwear Ankle Protection	IS 15298 -2: 2024, Clause: 6.2.7 Ref. ISO 20344: 2021, Clause: 5.21
985.		Whole Footwear Penetration-resistant non-metallic inserts	IS 15298 -2: 2024 Clause: 6.2.1.4.3 Ref. ISO 20344:2021, Clause: 5.11.2
986.		Whole Footwear Antistatic	IS 15298 -2: 2024, Clause: 6.2.2.2

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
			Ref. ISO 20344:2021, Clause: 5.13
987.	Personal Protective Equipment- safety Footwear	Whole Footwear Heat insulation of sole complex	IS 15298 -2: 2024, Clause: 6.2.3.1 Ref. ISO 20344: 2021 Clause-5.15
988.		Whole Footwear Cold insulation of sole complex	IS 15298 -2: 2024, Clause: 6.2.3.2 Ref. ISO 20344: 2021, Clause: 5.16
989.		Whole Footwear Energy absorption of seat region	IS 15298 -2: 2024, Clause: 6.2.4 Ref. ISO 20344: 2021, Clause: 5.17
990.		Whole Footwear Water Resistance	IS 15298 -2: 2024, Clause: 6.2.5 Ref. ISO 20344: 2021, Clause: 5.18 & 5.19
991.		Whole Footwear Cut Resistance	IS 15298 -2: 2024 Clause: 6.2.8
992.		Whole Footwear Slip Resistance on ceramic tile floor with glycerine	IS 15298 -2: 2024 Clause: 6.2.9 Ref. ISO 20344: 2021, Clause: 5.14
993.		Upper Water penetration	IS 15298 -2: 2024 Clause: 6.3 Ref. ISO 20344: 2021, Clause: 6.13
994.		Upper Water absorption	IS 15298 -2: 2024 Clause: 6.3 Ref. ISO 20344: 2021, Clause: 6.13
995.		Design Height of upper	Table 2 IS 15298 -3: 2024 (Clause-5.2.2) Ref. ISO 20344:2021 Clause 6.2

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
996.	Personal Protective Equipment Protective Footwear	Heel area (design A)	Table 2 IS 15298 -3: 2024 (Clause-5.2.3) Ref. ISO 20344:2021
997.		Heel area (design B, C, D, E)	Table 2 IS 15298 -3: 2024 (Clause-5.2.3) Ref. ISO 20344:2021
998.		Whole Footwear Construction	Table 2 IS 15298 -3: 2024 Clause 5.3.1.1
999.		Whole Footwear Upper/ outsole bond strength	Table 2 IS 15298 -3: 2024 (Clause-5.3.1.2) Ref. ISO 20344:2021 Clause 5.2
1000.		Whole Footwear Internal Length of Toe Cap	Table 2 IS 15298 -3: 2024(CI-5.3.2.2) Ref. ISO 20344:2011CI 5.3.2.1
1001.		Whole Footwear Width of toecap flange	IS 15298 -3: 2024(Claude-5.3.2.3 Ref. ISO 20344:2021Clause 5.3.2.2
1002.		Whole Footwear Behaviour of toecaps (thermal and chemical)	IS 15298 -3: 2024(Claude-5.3.2.5 Ref. ISO 20344:2021Clause 5.6.2
1003.		Whole Footwear Leak proofness	IS 15298 -3: 2024(Claude-5.3.3 Ref. ISO 20344:2021Clause 5.7
1004.		Whole Footwear Specific ergonomic features	IS 15298 -3: 2024(Claude-5.3.4) Ref. ISO 20344:2021Clause 5.1
1005.		Whole Footwear Slip Resistance	IS 15298 -3: 2024(Claude-5.3.5.2) Ref. ISO 20344:2021Clause 5.14
1006.	Personal Protective Equipment Protective Footwear	Whole Footwear Seam Strength	IS 15298 -3: 2024(Claude-5.3.7) Ref. ISO 20344:2021Clause 5.25

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
1007.		Whole Footwear Impact Resistance	IS 15298 -3: 2024(Clause-5.3.2.6 Ref. ISO 20344:2021)Clause 5.4
1008.		Whole Footwear Compression Resistance	IS 15298 -3: 2024(Clause-5.3.2.7 Ref. ISO 20344:2021)Clause 5.4
1009.		Height of the area where upper requirements apply(class I)	IS 15298 -3: 2024 Clause: 5.4.1.1
1010.		Height of the area where upper requirements apply (hybrid)	IS 15298 -3: 2024 Clause: 5.4.1.2
1011.		Upper Thickness	IS 15298 -3: 2024Clause: 5.4.2 Ref. ISO 20344:2021: 6.1
1012.		Upper Tear strength	IS 15298 -3: 2024Clause: 5.4.3 Ref. ISO 20344:2021: 6.3
1013.		Upper Tensile Strength	IS 15298 -3: 2024Clause: 5.4.4 Ref. ISO 20344:2021: 6.4
1014.		Upper Flexing Resistance	IS 15298 -3: 2024 Clause: 5.4.5 Ref. ISO 20344:2021: 6.5
1015.		Upper Water vapour permeability	IS 15298 -3: 2024 Clause: 5.4.6 Ref. ISO 20344:2011: 6.6 & 6.8
1016.		Upper Water vapour coefficient	IS 15298 -3: 2024 Clause: 5.4.6 Ref. ISO 20344:2011: 6.6 & 6.8
1017.	Personal Protective Equipment Protective Footwear	Upper Hydrolysis	IS 15298 -3: 2024 Clause: 5.4.7 Ref. ISO 20344:2021: 6.10

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	Leather and Leather Products		
1018.		Vamp lining Tear strength	IS 15298 -3: 2024 Clause: 5.5.2 Ref. ISO 20344:2021: 6.3
1019.		Vamp lining Abrasion Resistance	IS 15298 -3: 2024 Clause: 5.5.3 Ref. ISO 20344:2021: 6.12
1020.		Vamp lining Water vapour permeability	IS 15298 -3: 2024 Clause: 5.5.4 Ref. ISO 20344:2021: 6.6,6.7 & 6.8
1021.		Vamp lining Water vapour coefficient	IS 15298 -3: 2024 Clause: 5.5.4 Ref. ISO 20344:2021: 6.6,6.7 & 6.8
1022.		Quarter lining Tear strength	IS 15298 -3: 2024 Clause: 5.5.2 Ref. ISO 20344:2021: 6.3
1023.		Quarter lining Abrasion Resistance	IS 15298 -3: 2024 Clause: 5.5.3 Ref. ISO 20344:2021: 6.12
1024.		Quarter lining Water vapour permeability	IS 15298 -3: 2024 Clause: 5.5.4 Ref. ISO 20344:2021: 6.6,6.7 & 6.8
1025.		Quarter lining Water vapour coefficient	IS 15298 -3: 2024 Clause: 5.5.4 Ref. ISO 20344:2021: 6.6,6.7 & 6.8
1026.		Tongue Tear strength	IS 15298 -3: 2024 Clause: 5.6.2 Ref. ISO 20344:2021: 6.3
1027.		Insole, in-sock and footbed Thickness	IS 15298 -3: 2024 Clause: 5.7.1 Ref. ISO 20344:2021
1028.	Personal Protective Equipment Protective Footwear	Insole and in-sock Water absorption	IS 15298 -3: 2024 Clause: 5.7.3 Ref. ISO 20344:2021: 7.2

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
1029.		Insole and in-sock Water desorption	IS 15298 -3: 2024 Clause: 5.7.3 Ref. ISO 20344:2021: 7.2
1030.		Abrasion Resistance of Insole	IS 15298 -3: 2024 Clause: 5.7.4.1 Ref. ISO 20344:2021: 7.3 & 5.7.1
1031.		Outsole Abrasion Resistance	IS 15298 -3: 2024 Clause: 5.8.4 Ref. ISO 20344: 2021 Clause: 8.4
1032.		Outsole Flexing Resistance	IS 15298 -3: 2024 Clause: 5.8.5 Ref. ISO 20344: 2021 Clause: 8.6 & 8.5
1033.	Personal Protective Equipment-Occupational Footwear	Outsole Tear strength	IS 15298 -4: 2017 Clause: 5.8.2 Ref. ISO 20344:2011 Clause 8.2
1034.		Outsole Abrasion Resistance	IS 15298 -4: 2017 Clause: 5.8.3 Ref. ISO 20344:2011 Clause 8.3
1035.		Outsole Flexing Resistance	IS 15298 -4: 2017 Clause: 5.8.4 Ref. ISO 20344:2011 Clause 8.4
1036.	Personal Protective Equipment Protective Footwear	Outsole Hydrolysis	IS 15298 -3: 2024 Clause: 5.8.6 Ref. ISO 20344: 2021 Clause: 8.7
1037.		Outsole Cleated area	IS 15298 -3: 2024 Clause: 5.8.2.2 Ref. ISO 20344:2021 Clause: 8.2.2
1038.		Outsole Cleat height	IS 15298 -3: 2024 Clause: 5.8.2.3 Ref. ISO 20344: 2021 Clause: 8.2.3
1039.	Personal Protective Equipment Protective Footwear	Outsole Tear strength	IS 15298 -3: 2024 Clause: 5.8.3 Ref. ISO 20344: 2021 Clause: 8.3

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
1040.		Outsole Design	IS 15298 -3: 2024 Clause: 5.8.2
1041.		Outsole Thickness	IS 15298 -3: 2024 Clause: 5.8.2.1 Ref. ISO 20344:2021 Clause: 8.2.3
1042.		Whole Footwear Water Resistance	IS 15298 -3: 2024 (Clause-6.2.5)
1043.		Abrasion Resistance of Insock	IS 15298 -3: 2024 Clause: 5.7.4.2 Ref. ISO 20344:2021: 6.12
1044.		Outsole Interlayer bond strength	IS 15298 -3: 2024 Clause: 5.8.7 Ref. ISO 20344: 2021 Clause: 5.2
1045.		Whole Footwear Partially conductive footwear	IS 15298 :2024-3: 2016 Clause: 6.2.2.1 Ref. ISO 20344:2011 Clause: 5.13
1046.		Whole Footwear Antistatic	IS 15298 -3: 2024 Clause: 6.2.2.2 Ref. ISO 20344:2021 Clause: 5.13
1047.		Whole Footwear Heat insulation of sole complex	IS 15298 -3: 2024 Clause: 6.2.3.1 Ref. ISO 20344: 2021 Clause-5.15
1048.		Whole Footwear Cold insulation of sole complex	IS 15298 -3: 2024 Clause: 6.2.3.2 Ref. ISO 20344: 2021, Clause: 5.16
1049.	Personal Protective Equipment Protective Footwear	Whole Footwear Energy absorption of seat region	IS 15298 -3: 2024 Clause: 6.2.4 Ref. ISO 20344: 2021, Clause: 5.17
1050.		Whole Footwear Water Resistance	IS 15298 -3: 2024 Clause: 6.2.5 Ref. ISO 20344: 2021, Clause: 5.18 &

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
			5.19
1051.		Whole Footwear Impact Resistance of metatarsal protective device	IS 15298 -3: 2024 Clause: 6.2.6.2 Ref. ISO 20344: 2021, Clause: 5.20
1052.		Whole Footwear Ankle Protection	IS 15298 -3: 2024 Clause: 6.2.7 Ref. ISO 20344: 2021, Clause: 5.21
1053.		Whole Footwear Cut Resistance	IS 15298 -3: 2024 Clause: 6.2.8
1054.		Whole Footwear Scuff cap abrasion	IS 15298 -3: 2024 Clause: 6.2.9 Ref. ISO 20344: 2021, Clause: 5.24.2
1055.		Whole Footwear Slip Resistance on ceramic tile floor with glycerine	IS 15298 -3: 2024 Clause: 6.2.9 Ref. ISO 20344: 2021, Clause: 5.14
1056.		Upper Water penetration	IS 15298 -3: 2024 Clause: 6.3 Ref. ISO 20344: 2021, Clause: 6.13
1057.		Upper Water absorption	IS 15298 -3: 2024 Clause: 6.3 Ref. ISO 20344: 2021, Clause: 6.13
1058.		Outsole Ladder Grip Mechanical properties	IS 15298 -3: 2024 Clause: 6.4.3.1
1059.	Personal Protective Equipment Protective Footwear	Outsole Ladder Grip Design	IS 15298 -3: 2024 Clause: 6.4.3.2
1060.		Outsole Ladder Grip Heel breast	IS 15298 -3: 2024 Clause: 6.4.3.4 Ref. ISO 20344: 2021, Clause: 8.2.4

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
1061.		Whole Footwear Flex Resistance of penetration-resistant inserts	IS 15298 -3: 2024 Clause: 6.2.1.4.1 Ref. ISO 20344:2021 Clause: 5.12
1062.		Whole Footwear Penetration-resistant non-metallic inserts	IS 15298 -3: 2024 Clause: 6.2.1.4.3 Ref. ISO 20344:2021 Clause: 5.11.2
1063.		Whole Footwear Penetration Resistance	IS 15298 -3: 2024 Clause: 6.2.1 Ref. ISO 20344:2021 5.9, 5.10.4.2.2, & 5.10.4.2.1
1064.		Outsole Ladder Grip Cleat height in the waist area	IS 15298 -3: 2024 Clause: 6.4.3.3 Ref. ISO 20344: 2021, Clause: 8.2.4
1065.		Outsole Resistance to hot contact	IS 15298 -3: 2024 Clause: 6.4.1 Ref. ISO 20344: 2021, Clause: 8.9
1066.		Outsole Resistance to fuel oil	IS 15298 -3: 2024 Clause: 6.4.2 Ref. ISO 20344: 2021, Clause: 8.8.2.1 & 8.8.2.2
1067.	Polyvinylchloride industrial boots	Height of upper	IS-12254: 2021, Clause-5.3 Ref-IS-15298 :2024 -1 clause-6.2, IS-15298 :2024 -2 table-4
1068.	Polyvinylchloride industrial boots	Upper to outsole bond strength	IS-12254: 2021, Clause-5.4.3 Ref-IS-15298 :2024 -1 clause-5.2,
1069.		Slip Resistance	IS-12254: 2021, Clause-5.4.3 Ref-IS-15298 :2024 -1 clause-5.11,

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	Leather and Leather Products		
			IS-15298 :2024-2 clause-5.3.5.2&5.3.5.3
1070.		Leak proofness	IS-12254: 2021, Clause-5.4.5 Ref-IS-15298 :2024 -1 clause 5.7
1071.		Toe Caps	IS-12254: 2021 Clause-5.4.6.1
1072.		Internal Length of Toe Caps	IS-12254: 2021, Clause-5.4.3 Ref-IS-15298 :2024 -1 clause-5.3, IS-15298 :2024-2 clause 5.3.2.2
1073.		Impact Resistance	IS-12254: 2021, Clause-5.4.3 Ref-IS-15298 :2024 -1 clause-5.4 IS-15298 :2024-2 clause 5.3.2.3 Ref IS 15298 :2024 part 3
1074.		Compression Resistance	IS-12254: 2021, Clause-5.4.6.5 Ref-IS-15298 :2024 -1 clause-5.5, IS-15298 :2024-2 clause 5.3.2.3
1075.		Conductive Footwear	IS-12254: 2021, Clause-5.4.8.1 Ref-IS-15298 :2024 – (Part-1) clause- 5.10,& 5.10.3
1076.	Polyvinylchloride industrial boots	Antistatic footwear	IS-12254: 2021, Clause-5.4.8.2Ref-IS- 15298 :2024 - Part-1 clause-5.10,
1077.		Resistance to fuel oil	IS-12254: 2021, Clause-5.4.8.6 Ref-IS-15298 :2024 -1 clause-8.6.1,&

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
			8.6.2
1078.		Penetration Resistance	IS-12254: 2021, Clause-5.4.8.3Ref-IS-15298 :2024 Part-1 clause-5.11, IS 17275 part 1 & part 2
1079.		Metallic anti-penetration insert	IS-12254: 2021, Clause-5.4..8.3.2Ref-IS-15298 :2024 Part-1 clause-5.8.2,
1080.		Non –metallic anti-penetration insert	IS-12254: 2021, Clause-5.4.8.3.2.1Ref-IS-15298 :2024 –Part-1 clause-5.8.2
1081.		Resistance to acid and alkali	IS-12254: 2021 Clause-5.4.8.5 annex B
1082.		Upper material Thickness	IS-12254: 2021, Clause-5.5.1Ref-IS-15298 :2024 (Part-1) clause-6.1,
1083.		Upper material Tensile strength	IS-12254: 2021, Clause-5.5.2 Ref-IS-15298 :2024 Part-1 clause-6.4, IS-15298 :2024-2 table 13
1084.	Polyvinylchloride industrial boots	Upper material Flexing Resistance	IS-12254: 2021, Clause-5.5.3Ref-IS-15298 :2024 Part-1 clause-6.5, IS-15298 :2024-2 table 14
1085.		Upper material Hardness	IS-12254: 2021, Clause-5.5.4 Ref-IS-12240-2 :1988

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
1086.		Upper material Cold Flexing Resistance	IS-12254: 2021, Clause-5.5.5 Ref-IS-4643:1984 annex B
1087.		Lining material Tear strength	IS-12254: 2021, Clause-5.6.2Ref-IS-15298 :2024 Part-1 clause-6.5, IS-15298 :2024-2 table 15
1088.		Lining material Abrasion Resistance	IS-12254: 2021, Clause-5.6.3Ref-IS-15298 :2024 Part-1 clause-6.5, IS-15298 :2024-2 table 15
1089.		Lining material Adhesion of lining with upper	IS-12254: 2021Clause-5.6.4 Ref-IS-3400-5: : 2022
1090.		Insole material Material and thickness	IS-12254: 2021, Clause-5.7.1Ref-IS-15298 :2024 Part-1 clause-7.1
1091.		Insole material Abrasion Resistance	IS-12254: 2021, Clause-5.7.2Ref-IS-15298 :2024 Part-1 clause-7..3.6
1092.		Insole material Water absorption	IS-12254: 2021, Clause-5.7.3Ref-IS-15298 :2024 Part-1 clause-7.2
1093.	Polyvinylchloride industrial boots	Insole material Water desorption	IS-12254: 2021, Clause-5.7.3Ref-IS-15298 :2024 Part-1 clause-7.2
1094.		Eyelet and laces Material	IS-12254: 2021 Clause-5.8.1
1095.		Eyelet and laces Material	IS-12254: 2021 Clause-5.8.2
1096.		Eyelet and laces Eyelet diameter	IS-12254: 2021, Clause-5.8.2 Ref-IS-5041:1978

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
1097.		Lace length	IS-12254: 2021 Clause-5.8.2
1098.		Insocks material thickness	IS-12254: 2021 Clause-5.9
1099.		Insocks material Abrasion Resistance	IS-12254: 2021 Clause-5.9.2 Ref-IS-15298 :2024 Part-1 clause-6.12
1100.		Insocks material Water absorption	IS-12254: 2021 Clause-5.9.2
1101.		Insocks material Water desorption	IS-12254: 2021 Clause-5.9.2
1102.		Closing thread Breaking strength	IS-12254: 2021 Clause-5.10 Ref-IS-4910
1103.		Lace breaking strength	IS-12254: 2021 Clause-5.8.2 Ref-IS-1969 part-1 & 2
1104.	Polyvinylchloride industrial boots	Outsole Interlayer bond strength	IS-12254: 2021 Clause-5.11.3 Ref-IS-15298 :2024 Part-1 clause-5.2
1105.	Polyvinylchloride industrial boots	Outsole Material and thickness	IS-12254: 2021 Clause-5.11.1
1106.		Outsole Density	IS-12254: 2021 Clause-5.11.2 Ref-12240-3:1988
1107.		Outsole Tear strength	IS-12254: 2021 Clause-5.11.4 Ref-IS-15298 :2024 -1 clause-8.2
1108.		Outsole Abrasion Resistance	IS-12254: 2021 Clause-5.11.5 Ref-IS-15298 :2024 -1 clause-8.3

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
1109.		Outsole Hardness	IS-12254: 2021 Clause-5.11.6 Ref-12240-2:1988
1110.		Outsole Flexing Resistance	IS-12254: 2021, Clause-5.11.7 Ref-IS-15298 :2024 -1 clause-8.4
1111.		Outsole Cold Flex Resistance	IS-12254: 2021, Clause-5.11.7 Ref-IS-4643:1984
1112.		Chemical Volatility	IS-12254: 2021, Clause-6.1 Ref-IS-12240-4:1988
1113.	Professional Sports Footwear	Upper to mid sole Bond performance	IS 15844 (part-3):2024 CL:7.1.1 Ref-IS 15844 (part-1):2023 Annex-C
1114.	Professional Sports Footwear	upper to composite sole Bond performance	IS 15844 (part-3):2024 CL:7.1.1 Ref-IS 15844 (part-1):2023 Annex-C
1115.	Professional Sports Footwear	out sole to mid Bond performance sole	IS 15844 (part-3):2024 CL:7.1.1 Ref-IS 15844 (part-1):2023 Annex-C
1116.	Professional Sports Footwear	Energy Absorption at seat region	IS 15844 (part-3):2024 CL:7.1.2 Ref-IS-15298 :2024 part-1:2015 clause- 5.14
1117.	Professional Sports Footwear	Complete shoe flexing	IS 15844 (part-3):2024 CL:7.1.3 Ref - IS 8085 part-16:2023/ISO-24266 method-A
1118.	Professional Sports Footwear	Slip Resistance, Coefficient of Friction (COF)	IS 15844 (part-3):2024 CL:7.1.5 Ref Annex E of IS 15844 (Part 1) 2023

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
1119.	Professional Sports Footwear	Heel drop	IS 15844 (part-3):2024 CL:7.1.6
1120.	Professional Sports Footwear	Flexing Resistance (upper)	IS 15844 (part-3):2024 CL:7.2, Ref -IS 5914 (Part 6/Sec 1)/ISO 5402-1/IS-8085-part-20:2023/ISO-17694
1121.	Professional Sports Footwear	Tear strength	IS 15844 (part-3):2024 CL:7.2 Ref -IS 5914 (Part 5/Sec 2)/ISO 3377-2:2016
1122.	Professional Sports Footwear	a)Water vapour permeability	IS 15844 (part-3):2024 CL:7.2 Ref -IS 15298 :2024 (Part 1)
1123.	Professional Sports Footwear	b)Water vapour coefficient	IS 15844 (part-3):2024 CL:7.2 REF-IS 15298 :2024 (Part 1)
1124.	Professional Sports Footwear	Stitch tear strength	IS 15844 (part-3):2024 CL:7.2 REF-LP 8 of IS 5914:1970
1125.	Professional Sports Footwear	Tensile strength	IS 15844 (part-3):2024 CL:7.2 Ref -ISO-3376/ IS 5914 Part-8: 2023
1126.	Professional Sports Footwear	Elongation at break	IS 15844 (part-3):2024 CL:7.2 Ref -ISO-3376/ IS 5914 Part-8: 2024
1127.	Professional Sports Footwear	Abrasion Resistance (Martindale type)	IS 15844 (part-3):2024 CL:7.2 Ref-IS 15298 :2024 (Part 1)
1128.	Professional Sports Footwear	Breaking strength	IS 15844 (part-3):2024 CL:7.2 Ref – Method -1 ISO-1421/ IS-7016 part-2:2022

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	Leather and Leather Products		
1129.	Professional Sports Footwear	Elongation at break	IS 15844 (part-3):2024 CL:7.2 Ref – ISO-1421 ISO-17706/ Method -1 IS-7016 part-2:2022
1130.	Professional Sports Footwear	Tear strength	IS 15844 (part-3):2024 CL:7.2 Ref –IS 15298 :2024 (Part 1)
1131.	Professional Sports Footwear	Strength at needle performance	IS 15844 (part-3):2024 CL:7.2 Ref –ISO-17695/IS-8085 Part-13:2023
1132.	Professional Sports Footwear	Flexing Resistance	IS 15844 (part-3):2024 CL:7.2 Ref –/ISO-17694/ IS 8085 Part-20:2023
1133.	Professional Sports Footwear	a)Water vapour permeability	IS 15844 (part-3):2024 CL:7.2 Ref -IS 15298 :2024 (Part 1)
1134.	Professional Sports Footwear	b)Water vapour coefficient	IS 15844 (part-3):2024 CL:7.2 REF-IS 15298 :2024 (Part 1)
1135.	Professional Sports Footwear	Hydrolysis Resistance	IS 15844 (part-3):2024 CL:7.2 REF-IS 15298 :2024 (Part 1)
1136.	Professional Sports Footwear	Thickness (insole)	IS 15298 :2024 (Part 1)
1137.	Professional Sports Footwear	Bursting Strength	IS 15844 (part-3):2024 CL:7.2 Ref – /ISO-13938 Part-2 IS 1966 part-2:2022

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
1138.	Professional Sports Footwear	Lining Tear Strength	IS 15844 (part-3):2024 CL:7.3 Ref – IS 15298 :2024 (Part-1)
1139.	Professional Sports Footwear	Lining Abrasion Resistance	IS 15844 (part-3):2024 CL:7.3 Ref – IS 15298 :2024 (Part 1)
1140.	Professional Sports Footwear	Lining a) Water vapour permeability	IS 15844 (part-3):2024 CL:7.3 Ref -IS 15298 :2024 (Part 1)
1141.	Professional Sports Footwear	Lining b) Water vapour coefficient	IS 15844 (part-3):2024 CL:7.3 REF-IS 15298 :2024 (Part 1)
1142.	Professional Sports Footwear	Insole Flexing index	IS 15844 (part-3):2024 CL:7.4Ref-IS 15844 (Part 1) : 2023 Annex 'F'
1143.	Professional Sports Footwear	Insole Abrasion Resistance (At 400 Cycles)	IS 15844 (part-3):2024 CL:7.4 Ref- IS 15298 :2024 (Part 1):
1144.	Professional Sports Footwear	a).Water absorption, mg/cm ²	IS 15844 (part-3):2024 CL:7.4 Ref- IS 15298 :2024 (Part 1):
1145.	Professional Sports Footwear	b).Water desorption,% (insole)	IS 15844 (part-3):2024 CL:7.4 Ref- IS 15298 :2024 (Part 1):
1146.	Professional Sports Footwear	Thickness (insock)	IS 15844 (part-3):2024 CL:7.5 Ref- IS 15298 :2024 (Part 1)
1147.	Professional Sports Footwear	a).Water absorption, mg/cm ²	IS 15844 (part-3):2024 CL:7.5 Ref:15298 :2024 part-1
1148.	Professional Sports Footwear	b).Water desorption,% (insock)	IS 15844 (part-3):2024 CL:7.5 REF-IS:15298 :2024 part-1

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
1149.	Professional Sports Footwear	Heat Resistance shrinkage %	IS 15844 (part-3):2024 CL:7.5 REF-Annex J of IS 15844 part 1
1150.	Professional Sports Footwear	Outsole Abrasion Resistance	IS 15844 (part-3):2024 CL:7.6 REF- IS-ISO-4649/3400 Part-3: : 2021
1151.	Professional Sports Footwear	Outsole Bennewart method, cut growth	IS 15844 (part-3):2024 CL:7.6 REF- ISO-17707:2005
1152.	Professional Sports Footwear	Outsole Ross flexing method 150 000 flexes	IS 15844 (part-3):2024 CL:7.6 Ref-ANNEX C & E IS 16645/IS- 5423:1989
1153.	Professional Sports Footwear	Outsole Hydrolysis Resistance, cut growth after 150 000 flexes	IS 15844 (part-3):2024 CL:7.6 Ref-IS 15298 :2024 (Part 1)
1154.	Professional Sports Footwear	Outsole Tear strength	IS 15844 (part-3):2024 CL:7.6 Ref-IS 15298 :2024 (Part 1)
1155.	Professional Sports Footwear	Outsole Tensile Strength	IS 15844 (part-3):2024 CL:7.6 Ref-IS ISO- 37/3400-part-1:2021
1156.	Professional Sports Footwear	Outsole Elongation at break	IS 15844 (part-3):2024 CL:7.6 Ref-IS /ISO- 37/3400-part-1:2021
1157.	Professional Sports Footwear	Outsole Compression set	IS 15844 (part-3):2024 CL:7.6 Ref-IS 15844 (Part 1) : 2023 Annex 'G'
1158.	Professional Sports Footwear	Midsole Compression set	IS 15844 (part-3):2024 CL:7.7 Ref-IS 15844 (Part 1) : 2023 Annex 'G'
1159.	Professional Sports Footwear	Midsole Split tear strength	IS 15844 (part-3):2024 CL:7.7 Ref-IS 15844 (Part 1) : 2023 Annex 'H'

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
1160.	Professional Sports Footwear	Midsole Heat shrinkage	IS 15844 (part-3):2024 CL:7.7 Ref-IS 15844 (Part 1) : 2023 Annex 'J'
1161.	Professional Sports Footwear	Midsole Elongation at break	IS 15844 (part-3):2024 CL:7.7 Ref-IS /ISO- 37/IS-3400-part-1:2021
1162.	Professional Sports Footwear	First dry collapsing load, hardness	IS 15844 (part-3):2024 CL:7.8 Ref-IS 7554:2009:
1163.	Professional Sports Footwear	Resilience	IS 15844 (part-3):2024 CL:7.8 Ref-IS 7554:2009
1164.	Professional Sports Footwear	Moisture Resistance	IS 15844 (part-3):2024 CL:7.8 Ref-IS 7554:2009
1165.	Professional Sports Footwear	a)Initial dry area shape retention	IS 15844 (part-3):2024 CL:7.8 Ref-IS 7554:2009
1166.	Professional Sports Footwear	b)Area shape retention after 10th collapse, dry	IS 15844 (part-3):2024 CL:7.8 Ref-IS 7554:2009
1167.	Professional Sports Footwear	Peel strength	IS 15844 (part-3):2024 CL:7.8 Ref-IS 15844 part 1:2023 Annex-C
1168.	Professional Sports Footwear	Velcro Peel strength	IS 15844 (part-3):2024 CL:7.9 Ref- ISO 22777/ IS 8085-part-18: 2023
1169.	Professional Sports Footwear	Velcro Shear strength	IS 15844 (part-3):2024 CL:7.9 Ref-IS ISO 22776/8085-part-19: 2023
1170.	Professional Sports Footwear	Elastic material Limit of useful extension	IS 15844 (part-3):2024 CL:7.10

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
			Ref-/ISO 10765/ IS 8085 (Part 12):2024
1171.	Professional Sports Footwear	Elastic material Needle strength	IS 15844 (part-3):2024 CL:7.10 Ref-Method A of IS 8085 part-13/ISO 17697
1172.	Professional Sports Footwear	Breaking strength of lace	IS 15844 (part-3):2024 CL:7.11 Ref-IS 15844 (Part 1) : 2023 annex-k
1173.	Professional Sports Footwear	Lace to lace abrasion	IS 15844 (part-3):2024 CL:7.11 Ref - ISO 22774/ IS 8085 (Part 17):2023
1174.	Professional Sports Footwear	Lace tag strength	IS 15844 (part-3):2024 CL:7.11 Ref -IS 15844 (Part 1) : 2023 annex-L
1175.	Professional Sports Footwear	Strength of Buckle/Ski hook	IS 15844 (part-3):2024 CL:7.11 Ref -IS 15844 (Part 1) : 2023 annex-M
1176.	Canvas Shoes, Rubber Sole	Upper Material Over layer Breaking load Warp	IS 3735:2021 CI-4.1.1 Ref-1969 Part-1:2018
1177.	Canvas Shoes, Rubber Sole	Upper Material Over layer Breaking load Weft	IS 3735:2021 CI-4.1.1 Ref-1969 Part-1:2018
1178.	Canvas Shoes, Rubber Sole	Upper Material Over layer Ends/dm	IS 3735:2021 CI-4.1.1 Ref-1963:1981
1179.	Canvas Shoes, Rubber Sole	Upper Material Over layer Picks/dm	IS 3735:2021 CI-4.1.1 Ref-1963:1981
1180.	Canvas Shoes, Rubber Sole	Upper Material Inner layer Breaking load Warp	IS 3735:2021 CI-4.1.1 Ref-1969:2018 Part-1

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
1181.	Canvas Shoes, Rubber Sole	Upper Material Inner layer Breaking load Weft	IS 3735:2021 CI-4.1.1 Ref-1969:2018 Part-1
1182.	Canvas Shoes, Rubber Sole	Upper Material Inner layer Ends/dm	IS 3735:2021 CI-4.1.1 Ref-1963:1981
1183.	Canvas Shoes, Rubber Sole	Upper Material Inner layer Picks/dm	IS 3735:2021 CI-4.1.1 Ref-1963:1981
1184.	Canvas Shoes, Rubber Sole	Binding tape Width	IS 3735:2021 CI-4.1.2 Ref-IS -1954:2024
1185.	Canvas Shoes, Rubber Sole	Binding tape Breaking strength	IS 3735:2021 CI-4.1.2 Ref-IS -1969:2018
1186.	Canvas Shoes, Rubber Sole	Lace Breaking strength	IS 3735:2021 CI-4.1.5 Ref-15844 annex-K:2023
1187.	Canvas Shoes, Rubber Sole	Lace length	IS 3735:2021 CI-4.1.5
1188.	Canvas Shoes, Rubber Sole	Design Size & fitting	IS 3735:2021 CI-4.2.1 Ref-IS- 1638:1969
1189.	Canvas Shoes, Rubber Sole	Construction Stitch/dm	IS 3735:2021 CI-4.3.1
1190.	Canvas Shoes, Rubber Sole	Construction Reinforcement	IS 3735:2021 CI-4.3.2
1191.	Canvas Shoes, Rubber Sole	Construction material	IS 3735:2021 CI-4.3.3
1192.	Canvas Shoes, Rubber Sole	Construction Material upper	IS 3735:2021 CI-4.3.6
1193.	Canvas Shoes, Rubber Sole	Eyelet Thickness	IS 3735:2021 CI-4.1.4

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
1194.	Canvas Shoes, Rubber Sole	Eyelet Diameter	IS 3735:2021 CI-4.1.4
1195.	Canvas Shoes, Rubber Sole	Rubber compound Density	IS 3735:2021 CI-4.1.6 Ref-IS-3400 part-9:2020
1196.	Canvas Shoes, Rubber Sole	Rubber compound Hardness	IS 3735:2021 CI-4.1.6 Ref-IS-3400 part-2:2022
1197.	Canvas Shoes, Rubber Sole	Rubber compound Flexing	IS 3735:2021 CI-4.1.6 Ref-IS-3400 part-16:1974
1198.	Canvas Shoes, Rubber Sole	Rubber compound Ageing	IS 3735:2021 CI-4.1.6 Ref-IS-3400 part-4:2016
1199.	Canvas Shoes, Rubber Sole	Rubber compound Tensile strength	IS 3735:2021 CI-4.1.6 Ref-IS-3400 part-1:2021
1200.	Canvas Shoes, Rubber Sole	Rubber compound Elongation at break	IS 3735:2021 CI-4.1.6 Ref-IS-3400 part-1:2021
1201.	Canvas Shoes, Rubber Sole	Rubber compound Ageing Tensile	IS 3735:2021 CI-4.1.6.2 Ref-IS-3400 part-1:2021
1202.	Canvas Shoes, Rubber Sole	Rubber compound Ageing Elongation at break	IS 3735:2021 CI-4.1.6.2 Ref-IS-3400 part-1:2021
1203.	Canvas Shoes, Rubber Sole	Rubber compound Thickness sole	IS 3735:2021 CI-4.1.6.3 Table-6
1204.	Canvas Shoes, Rubber Sole	Rubber compound Thickness Heel	IS 3735:2021 CI-4.1.6.3 Table-6

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
1205.	Canvas Shoes, Rubber Sole	Rubber compound Thickness toe cap	IS 3735:2021 CI-4.1.6.3 Table-6
1206.	Canvas Shoes, Rubber Sole	Rubber compound Thickness foxing	IS 3735:2021 CI-4.1.6.3 Table-6
1207.	Canvas Shoes, Rubber Sole	Rubber compound Thickness circular piece	IS 3735:2021 CI-4.1.6.3 Table-6
1208.	Canvas Shoes, Rubber Sole	Rubber compound Thickness Detachable Insole	IS 3735:2021 CI-4.1.6.3 Table-6
1209.	Canvas Boots, Rubber Sole	Rubber compound Thickness inner sole	IS 3735:2021 CI-4.1.6.3 Table-6
1210.	Canvas Boots, Rubber Sole	Rubber compound Thickness counter	IS 3735:2021 CI-4.1.6.3 Table-6
1211.	Canvas Boots, Rubber Sole	Rubber compound Thickness bottom filler	IS 3735:2021 CI-4.1.6.3 Table-6
1212.	Canvas Boots, Rubber Sole	Rubber compound Thickness stiffener	IS 3735:2021 CI-4.1.6.3 Table-6
1213.	Canvas Boots, Rubber Sole	Rubber compound Thickness toe puff	IS 3735:2021 CI-4.1.6.3 Table-6
1214.	Canvas Boots, Rubber Sole	Adhesion strength	IS 3735:2021 CI-4.4 Ref-IS-3400 part-5:2022
1215.	Canvas Boots, Rubber Sole	Consolidation strength	IS 3735:2021 CI-4.5 Ref-IS-3400 part-5:2022

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
1216.	Canvas Boots, Rubber Sole	mass	IS 3735:2021 CI-4.6
1217.	Canvas Boots, Rubber Sole	Upper Material Over layer Breaking load Warp	IS 3736:2021 CI-4.1.1 Ref-1969 Part-1: 2018
1218.	Canvas Boots, Rubber Sole	Upper Material Over layer Breaking load Weft	IS 3736:2021 CI-4.1.1 Ref-1969 Part-1: 2018
1219.	Canvas Boots, Rubber Sole	Upper Material Over layer Ends/dm	IS 3736:2021 CI-4.1.1 Ref-1963:1981
1220.	Canvas Boots, Rubber Sole	Upper Material Over layer Picks/dm	IS 3736:2021 CI-4.1.1 Ref-1963: 1981
1221.	Canvas Boots, Rubber Sole	Upper Material Inner layer Breaking load Warp	IS 3736:2021 CI-4.1.1 Ref-1969 Part-1 2018
1222.	Canvas Boots, Rubber Sole	Upper Material Inner layer Breaking load Weft	IS 3736:2021 CI-4.1.1 Ref-IS-1969 Part-1 :2018
1223.	Canvas Boots, Rubber Sole	Upper Material Inner layer Ends/dm	IS 3736:2021 CI-4.1.1 Ref-1963: 1981
1224.	Canvas Boots, Rubber Sole	Upper Material Inner layer Picks/dm	IS 3736:2021 CI-4.1.1 Ref-1963 : 1981
1225.	Canvas Boots, Rubber Sole	Binding tape Width	IS 3736:2021 CI-4.1.2 Ref-IS -1954
1226.	Canvas Boots, Rubber Sole	Binding tape Breaking strength	IS 3736:2021 CI-4.1.2 Ref-IS -1969:2018
1227.	Canvas Boots, Rubber Sole	Reinforcement material	IS 3736:2021 CI-4.1.4

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
		width	
1228.	Canvas Boots, Rubber Sole	Reinforcement Breaking load Warp	IS 3736:2021 CI-4.1.4 Ref-1969 Part-1:2018
1229.	Canvas Boots, Rubber Sole	Reinforcement Breaking load Weft	IS 3736:2021 CI-4.1.4 Ref-1969 Part-1 :2018
1230.	Canvas Boots, Rubber Sole	Thread Breaking load	IS 3736:2021 CI-4.1.5.1 Ref-IS-1670:1991
1231.	Canvas Boots, Rubber Sole	Thread Color match	IS 3736:2021 CI-4.1.5.2
1232.	Canvas Boots, Rubber Sole	Lace length	IS 3736:2021 CI-4.1.6.1
1233.	Canvas Boots, Rubber Sole	Lace Breaking strength	IS 3736:2021 CI-4.1.6.1 Ref-15844 annex-K : 2023
1234.	Canvas Boots, Rubber Sole	Rubber compound Density	IS 3736:2021 CI-4.1.7.3 Ref-IS-3400 part-9:2020
1235.	Canvas Boots, Rubber Sole	Rubber compound Hardness	IS 3736:2021 CI-4.1.7.3 Ref-IS-3400 part-2:2023
1236.	Canvas Boots, Rubber Sole	Rubber compound Flexing	IS 3736:2021 CI-4.1.7.3 Ref-IS-3400 part-16:1974
1237.	Canvas Boots, Rubber Sole	Rubber compound Ageing	IS 3736:2021 CI-4.1.7.3 Ref-IS-3400 part-4:2014
1238.	Canvas Boots, Rubber Sole	Rubber compound Tensile strength	IS 3736:2021 CI-4.1.7.3 Ref-IS-3400 part-1:2021

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
1239.	Canvas Boots, Rubber Sole	Rubber compound Elongation at break	IS 3736:2021 CI-4.1.7.3 Ref-IS-3400 part-1:2021
1240.	Canvas Boots, Rubber Sole	Rubber compound Compression	IS 3736:2021 CI-4.1.7.3 Ref-IS-3400 part-10:2020
1241.	Canvas Boots, Rubber Sole	Rubber compound Ageing Tensile	IS 3736:2021 CI-4.1.7.4 Ref-IS-3400 part-1: 2021
1242.	Canvas Boots, Rubber Sole	Rubber compound Ageing Elongation at break	IS 3736:2021 CI-4.1.7.4 Ref-IS-3400 part-1:2021
1243.	Canvas Boots, Rubber Sole	Rubber compound Thickness sole	IS 3736:2021 CI-4.1.7.5 Table-6
1244.	Canvas Boots, Rubber Sole	Rubber compound Thickness Heel	IS 3736:2021 CI-4.1.7.5 Table-6
1245.	Canvas Boots, Rubber Sole	Rubber compound Thickness toe cap	IS 3736:2021 CI-4.1.7.5 Table-6
1246.	Canvas Boots, Rubber Sole	Rubber compound Thickness Strengthening arch piece	IS 3736:2021 CI-4.1.7.5 Table-6
1247.	Canvas Boots, Rubber Sole	Rubber compound Thickness circular piece	IS 3736:2021 CI-4.1.7.5 Table-6
1248.	Canvas Boots, Rubber Sole	Rubber compound Thickness inner sole	IS 3736:2021 CI-4.1.7.5 Table-6
1249.	Canvas Boots, Rubber Sole	Rubber compound Thickness counter	IS 3736:2021 CI-4.1.7.5 Table-6

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
1250.	Canvas Boots, Rubber Sole	Rubber compound Thickness bottom filler	IS 3736:2021 CI-4.1.7.5 Table-6
1251.	Canvas Boots, Rubber Sole	Rubber compound Thickness stiffner	IS 3736:2021 CI-4.1.7.5 Table-6
1252.	Canvas Boots, Rubber Sole	Rubber compound Thickness toe puff	IS 3736:2021 CI-4.1.7.5 Table-6
1253.	Canvas Boots, Rubber Sole	Rubber compound Thickness Foxing	IS 3736:2021 CI-4.1.7.5 Table-6
1254.	Canvas Boots, Rubber Sole	Leg Height	IS 3736:2021 CI-4.3
1255.	Canvas Boots, Rubber Sole	Construction Stitch/dm	IS 3736:2021 CI-4.4.3
1256.	Canvas Boots, Rubber Sole	Construction Material eyelet Height	IS 3736:2021 CI-4.4.6
1257.	Canvas Boots, Rubber Sole	Construction Material eyelet Diameter	IS 3736:2021 CI-4.4.6
1258.	Canvas Boots, Rubber Sole	Construction Material rubber Toe and counter stiffner	IS 3736:2021 CI-4.4.7
1259.	Canvas Boots, Rubber Sole	Construction Material strengthening	IS 3736:2021 CI-4.3.8
1260.	Canvas Boots, Rubber Sole	Mass	IS 3736:2021 CI-4.6
1261.	Canvas Boots, Rubber Sole	Consolidation strength	IS 3736:2021 CI-4.7 Ref-IS-3400 part-5:2022

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
1262.	Canvas Boots, Rubber Sole	Adhesion strength	IS 3736:2021 CI-4.8 Ref-IS-3400 part-5 : 2022
1263.	Textile Boots With Polymeric Sole (Jungle Boots)	Toe Spring	Clause 5.1 of IS 17861:2022
1264.		Size and Fitting	Clause 5.2 of IS 17861:2022 Refer IS 1638
1265.		Height of upper	Clause 5.3 of IS 17861:2022 Refer IS 15298 (Part 1)
1266.		Weight	Clause 5.4 of IS 17861:2022
1267.		Stitch Per Dm	Clause 5.5.1.2 of IS 17861:2022
1268.		Back seam reinforcement width	Clause 5.5.1.3 of IS 17861:2022
1269.		Upper/outsole bond strength	Clause 5.5.2 of IS 17861:2022 Refer IS 15298 (Part 1)
1270.		Consolidation Test	Clause 5.5.3 of IS 17861:2022 Refer IS 3400 (Part 5)
1271.		Slip resistance	Clause 5.5.5 of IS 17861:2022 Refer IS 15298 (Part 1) & Part-4
1272.		Energy absorption of seat region	Clause 5.5.6 of IS 17861:2022 Refer IS 15298 (Part 1)
1273.		Water Resistance	Clause 5.5.5 of IS 17861:2022 Refer IS 15298 (Part 1) & Part-2

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
1274.		Penetration resistance	Clause 5.6.1.1 of IS 17861:2022 Refer IS 17275 (Part 1 & 2)
1275.		Penetration resistance for metallic	Clause 5.6.1.2 of IS 17861:2022 Refer IS 15298 (Part 1)
1276.		Penetration resistance for non-metallic	Clause 5.6.1.3 of IS 17861:2022 Refer IS 15298 (Part 1)
1277.		Antistatic footwear	Clause 5.6.2 of IS 17861:2022 Refer IS 15298 (Part 1)
1278.		Heat insulation	Clause 5.6.3 of IS 17861:2022 Refer IS 15298 (Part 1)
1279.		Cold insulation	Clause 5.6.4 of IS 17861:2022 Refer IS 15298 (Part 1)
1280.	Textile Boots With Polymeric Sole (Jungle Boots)	Upper Tear strength	Clause 5.7.2 of IS 17861:2022 refer IS 15298 (Part-1 & 4)
1281.		Water vapour permeability	Clause 5.7.3 of IS 17861:2022 refer IS 15298 (Part-1)
1282.		Water vapour coefficient	Clause 5.7.3 of IS 17861:2022 refer IS 15298 (Part-1)
1283.		Water Repellency and Water Resistance by spray method	Clause 5.7.4 of IS 17861:2022 Refer IS 390 & IS 7016 (Part 7)/ISO 1420
1284.		Tear strength	Clause 5.8.2 of IS 17861:2022 Refer IS 15298 (Part 1 & 4)

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
1285.	Textile Boots With Polymeric Sole (Jungle Boots)	Abrasion resistance	Clause 5.8.3 of IS 17861:2022 Refer IS 15298 (Part 1)
1286.		Water vapour permeability	Clause 5.8.4 of IS 17861:2022 Refer IS 15298 (Part 1)
1287.		Water vapour coefficient	Clause 5.8.4 of IS 17861:2022 Refer IS 15298 (Part 1)
1288.		Outer toe cap Tear strength	Clause 5.9.1 of IS 17861:2022
1289.		Abrasion resistance	Clause 5.9.2 of IS 17861:2022 Refer IS 15298 (Part 1)
1290.		Binding material width	Clause 5.10.1 of IS 17861:2022 Refer IS 1954, IS 1969 (Part 1 & 2)
1291.		Breaking Load Binding material	Clause 5.10.1 of IS 17861:2022 Refer IS 1954, IS 1969 (Part 1 & 2)
1292.		Thread material breaking strength	Clause 5.11.1 of IS 17861:2022 Refer IS S 4930 (Part 3)
1293.		Insole Thickness	Clause 5.12.1 of IS 17861:2022 refer IS 15298 (Part 1)
1294.		Insole Abrasion resistance	Clause 5.12.2 of IS 17861:2022 refer IS 15298 (Part 1)
1295.		Insole Water Absorption	Clause 5.12.3 of IS 17861:2022 refer IS 15298 (Part 1)

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
1296.		Insole Water Desorption	Clause 5.12.3 of IS 17861:2022 refer IS 15298 (Part 1)
1297.		Insocks Thickness	Clause 5.13.1 of IS 17861:2022
1298.		Insocks Abrasion resistance Dry & Wet	Clause 5.13.1 of IS 17861:2022 Refer IS 15298 (Part 1)
1299.		Bond Strength of Textile Layer and Insock	Clause 5.13.3 of IS 17861:2022 Refer ISO/TR 20882
1300.		Toe Puff and Counter Stiffener Thickness	Clause 5.15 of IS 17861:2022
1301.		Sole Thickness	Clause 5.16.2 of IS 17861:2022 Refer IS 15298 (Part 1)
1302.	Textile Boots With Polymeric Sole (Jungle Boots)	Sole density	Clause 5.16.3 of IS 17861:2022 Refer IS 15298 (Part 1)
1303.		Sole hardness	Clause 5.16.4 of IS 17861:2022 Refer IS 3400 (Part 2)
1304.		Sole Change in initial hardness	Clause 5.16.5 of IS 17861:2022 Refer IS 3400 (Part 2)
1305.		Sole Change in initial hardness after Ageing	Clause 5.16.5 of IS 17861:2022 Refer IS 3400 (Part 4)
1306.		Sole Tear strength	Clause 5.16.6 of IS 17861:2022 refer IS 15298 (Part 1)

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather and Leather Products		
1307.	Textile Boots With Polymeric Sole (Jungle Boots)	Sole Abrasion Resistance	Clause 5.16.7 of IS 17861:2022 refer IS 15298 (Part 1)
1308.		Sole Flexing Resistance	Clause 5.16.8 of IS 17861:2022 refer IS 15298 (Part 1)
1309.		Sole Hydrolysis	Clause 5.16.9 of IS 17861:2022 Refer IS 15298 (Part 1)
1310.		Interlayer Bond Strength	Clause 5.16.10 of IS 17861:2022 Refer IS 15298 (Part 1)
1311.		Eyelet Diameter	Clause 5.17 of IS 17861:2022 Annex B
1312.		Eyelet pull out strength	Clause 5.17 of IS 17861:2022 Annex B
1313.		Length	Clause 5.17 of IS 17861:2022
1314.		Breaking Load	Clause 5.18.2 of IS 17861:2022 Annex C
1315.		Tag Retention	Clause 5.18.2 of IS 17861:2022 Annex C
1316.		Lace to Lace abrasion	Clause 5.18.4.1 of IS 17861:2022 refer IS Method 1 of ISO 22774
1317.		Lace to eyelet abrasion	Clause 5.18.4.2 of IS 17861:2022 refer IS Method 1 of ISO 22774

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Plastics and Plastic Products		
1.	Polyethylene Pipes for Water Supply	Base Density/ Density	IS:7328:2020
2.	Polyethylene Pipes for Water Supply	Melt Flow Rate	IS:2530:1963
3.	Polyethylene Pipes for Water Supply	Thermal Stability (Oxidation Induction Time)	Clause-8.5, 5.2 & 6.1.1, Annex-B of IS:4984:2016
4.	Polyethylene Pipes for Water Supply	Loading of Carbon Black	Clause-5.3.c of IS:4984:2016
5.	Polyethylene Pipes for Water Supply	Density	Clause-5.3.e.(1) of IS:4984:2016
6.	Polyethylene Pipes for Water Supply	Pipe Description	Clause- 6, 6.1, 6.1.1, 6.1.2, 6.1.3, 6.1.4 of IS:4984:2016
7.	Polyethylene Pipes for Water Supply	Colour	Clause- 6.2 of IS:4984:2016
8.	Polyethylene Pipes for Water Supply	Identification Stripes	Clause- 6.2.1 of IS:4984:2016
9.	Polyethylene Pipes for Water Supply	Identification Stripes (Depth and width)	Clause- 6.2.1 of IS:4984:2016
10.	Polyethylene Pipes for Water Supply	Visual Appearance (Visual surface and maximum out of square of pipe ends)	Clause- 7, 7.1 of IS:4984:2016
11.	Polyethylene Pipes for Water Supply	Length	Clause- 7.2 of IS:4984:2016

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Plastics and Plastic Products		
12.	Polyethylene Pipes for Water Supply	Dimensions (Nominal Outside Diameter, Mean Outside Diameter Minimum & Mean Outside Diameter Maximum)	Clause- 7.4, 7.4.1, 7.4.1.1 of IS:4984:2016
13.	Polyethylene Pipes for Water Supply	Dimensions (Ovality)	Clause- 7.4.1.2 of IS:4984:2016
14.	Polyethylene Pipes for Water Supply	Dimensions (Wall thickness minimum & Wall thickness maximum)	Clause- 7.4, 7.4.1, 7.4.1.1 of IS:4984:2016
15.	Polyethylene Pipes for Water Supply	Hydraulic Characteristics (Internal Pressure Creep Rupture Test of pipe)	Clause-8, 8.1, 8.1.1, Annex-E of IS:4984:2016
16.	Polyethylene Pipes for Water Supply	Hydraulic Characteristics (Internal Pressure Creep Rupture Test of pipe joint)	Clause-8, 8.1, 8.1.2, Annex-E of IS:4984:2016
17.	Polyethylene Pipes for Water Supply	Longitudinal Reversion Test	Clause-8.2, Annex-F of IS:4984:2016
18.	Polyethylene Pipes for Water Supply	Carbon Black Content	IS:2530:1963
19.	Polyethylene Pipes for Water Supply	Carbon Black Dispersion	IS:2530:1963
20.	Polyethylene Pipes for Water Supply	Tensile Strength For Butt-Fusion	Clause-8.8, Annex-G of IS:4984:2016

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Plastics and Plastic Products		
21.	Polyethylene Pipes for Water Supply	Elongation at break	Clause-8.9, Annex-H of IS:4984:2016
22.	Polyethylene Pipes for Water Supply	Tensile Properties (Yield strength)	Clause-8.9, Annex-H of IS:4984:2016
23.	Polyethylene Pipes for Water Supply	Slow Crack Growth Rate	Clause-8.10, 8.10.1, Annex-E&J of IS:4984:2016
24.	Polypropylene random copolymer pipes for hot and cold water supplies	Colour	Clause- 5 of IS:15801:2008
25.	Polypropylene random copolymer pipes for hot and cold water supplies	Density	IS: 13360 (P-3/S-1):1995
26.	Polypropylene random copolymer pipes for hot and cold water supplies	Dimension of Pipes (Outside Diameter & Only Positive Tolerance Outside Diameter)	Clause- 7, 7.1 of IS:15801:2008
27.	Polypropylene random copolymer pipes for hot and cold water supplies	Dimension of Pipes Wall Thickness (Minimum & Maximum)	Clause- 7.2 of IS:15801:2008
28.	Polypropylene random copolymer pipes for hot and cold water supplies	Dimension of Pipes (Ovality Maximum)	Clause- 7.3.2 of IS:15801:2008

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Plastics and Plastic Products		
29.	Polypropylene random copolymer pipes for hot and cold water supplies	Length of Straight pipe	Clause- 7.4 of IS:15801:2008
30.	Polypropylene random copolymer pipes for hot and cold water supplies	Visual Appearance	Clause- 8 of IS:15801:2008
31.	Polypropylene random copolymer pipes for hot and cold water supplies	Hydraulic Characteristics (Internal Creep Rupture Test)	IS:12235:(P-8/S-1):2004
32.	Polypropylene random copolymer pipes for hot and cold water supplies	Fusion Compatibility	IS:12235:(P-8/S-1):2004
33.	Polypropylene random copolymer pipes for hot and cold water supplies	Reversion Test	IS:12235:(P-5/S-1):2004
34.	Polypropylene random copolymer pipes for hot and cold water supplies	Impact Strength	Clause- 9.4 of Annex-B of IS:15801:2008
35.	Polypropylene random copolymer pipes for hot and cold water supplies	Density	IS:12235:(P-14):2004

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Plastics and Plastic Products		
36.	Polypropylene random copolymer pipes for hot and cold water supplies	Melt Flow Rate	IS:13360:(P-4/S-1):Subsec-1:2000
37.	Polypropylene random copolymer pipes for hot and cold water supplies	Carbon Black Content	IS:2530:1963
38.	Polypropylene random copolymer pipes for hot and cold water supplies	Carbon Black Dispersion	IS:2530:1963
39.	Polypropylene random copolymer pipes for hot and cold water supplies	Thermal Stability by Hydraulic Pressure Test	IS:12235:(P-8/S-1):2004
40.	Polypropylene random copolymer pipes for hot and cold water supplies	Opacity	IS:12235:(P-3):2004
41.	Chlorine polyvinyl chloride (CPVC) pipes potable hot and cold water distribution supplies	Classification of Pipes	Clause- 5 of IS:15778:20007
42.	Chlorine polyvinyl chloride Compounds used for pipes and fittings – Specification	Form	Clause- 8.1.3 of IS:15225:2002

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Plastics and Plastic Products		
43.	Chlorine polyvinyl chloride Compounds used for pipes and fittings – Specification	Appearance	Clause- 8.1.5 of IS:15225:2002
44.	Chlorine polyvinyl chloride Compounds used for pipes and fittings – Specification	Vicat Softening Temperature	IS:13360(P-6/S-1):2018
45.	Chlorine polyvinyl chloride Compounds used for pipes and fittings – Specification	Charpy Impact Strength	IS:13360(P-5/S-5):2017
46.	Chlorine polyvinyl chloride Compounds used for pipes and fittings – Specification	Tensile Strength	IS:13360(P-5/S-1):2021
47.	Chlorine polyvinyl chloride Compounds used for pipes and fittings – Specification	Tensile Modulus	IS:13360(P-5/S-1):2021
48.	Chlorine polyvinyl chloride (CPVC) pipes potable hot and cold water distribution supplies	Malfunction Temperature Test	Clause- 6.3.2, Annex-C of IS:15778:2007
49.	Chlorine polyvinyl chloride (CPVC) pipes potable hot and cold water distribution supplies	Density	Clause- 6.3.3 of IS:15778:2007

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Plastics and Plastic Products		
50.	Chlorine polyvinyl chloride (CPVC) pipes potable hot and cold water distribution supplies	Dimension of Pipes (Mean Outside Diameter)	IS:12235(P-1): 2004
51.	Chlorine polyvinyl chloride (CPVC) pipes potable hot and cold water distribution supplies	Dimension of Pipes (Nominal outside Diameters, Outside diameters, Outside diameter at any point minimum & maximum, Tolerance on Ovality)	IS:12235(P-1): 2004
52.	Chlorine polyvinyl chloride (CPVC) pipes potable hot and cold water distribution supplies	Dimension of Pipes Wall Thickness(Minimum & Maximum)	IS:12235(P-1): 2004
53.	Chlorine polyvinyl chloride (CPVC) pipes potable hot and cold water distribution supplies	Dimension of Pipes (Wall Thickness average)	IS:12235(P-1): 2004
54.	Chlorine polyvinyl chloride (CPVC) pipes potable hot and cold water distribution supplies	Length & Effective Length	Clause- 7.1.3, 7.1.3.1 of IS:15778:2007
55.	Chlorine polyvinyl chloride (CPVC) pipes potable hot and cold water distribution supplies	Pipe Ends	Clause- 8 of IS:15778:2007
56.	Chlorine polyvinyl chloride (CPVC) pipes potable hot and cold water distribution supplies	Visual Appearance	Clause- 9, 9.1, 9.1.1 of IS:15778:2007

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Plastics and Plastic Products		
57.	Chlorine polyvinyl chloride (CPVC) pipes potable hot and cold water distribution supplies	Opacity	IS:12235(P-3): 2004
58.	Chlorine polyvinyl chloride (CPVC) pipes potable hot and cold water distribution supplies	Reversion Test	IS:12235(P-5/S-1&2): 2004
59.	Chlorine polyvinyl chloride (CPVC) pipes potable hot and cold water distribution supplies	Vicat Softening Temperature	IS:12235(P-2): 2004
60.	Chlorine polyvinyl chloride (CPVC) pipes potable hot and cold water distribution supplies	Density	IS:12235(P-14): 2004
61.	Chlorine polyvinyl chloride (CPVC) pipes potable hot and cold water distribution supplies	Hydrostatic Characteristics (Internal Hydrostatic Pressure Test)	IS:12235(P-8/S-1): 2004
62.	Chlorine polyvinyl chloride (CPVC) pipes potable hot and cold water distribution supplies	Thermal Stability by Hydrostatic Pressure Testing	IS:12235(P-8/S-1): 2004
63.	Chlorine polyvinyl chloride (CPVC) pipes potable hot and cold water distribution supplies	Resistance to External Blow at 0°C	IS:4985:2021

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Plastics and Plastic Products		
64.	Chlorine polyvinyl chloride (CPVC) pipes potable hot and cold water distribution supplies	Flattening Test	IS:12235:(P-19):2004
65.	Chlorine polyvinyl chloride (CPVC) pipes potable hot and cold water distribution supplies	Tensile Strength	IS:12235(P-13)-2004
66.	Polyethylene Pipes for Sewerage and Industrial Chemicals and Effluent	Base Density/Density	IS:7328:2020
67.	Polyethylene Pipes for Sewerage and Industrial Chemicals and Effluent	Melt Flow Rate/Index	IS:2530:1963
68.	Polyethylene Pipes for Sewerage and Industrial Chemicals and Effluent	Thermal Stability (Oxidation Induction Time)	Annex-B of IS:4984:2016
69.	Polyethylene Pipes for Sewerage and Industrial Chemicals and Effluent	Loading of Carbon Black	Clause- 5.2.1.1, 5.3.b of IS:14333:2022
70.	Polyethylene Pipes for Sewerage and Industrial Chemicals and Effluent	Carbon Black Density	Clause- 5.2.1.1, 5.3.d.(1) of IS:14333:2022

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Plastics and Plastic Products		
71.	Polyethylene Pipes for Sewerage and Industrial Chemicals and Effluent	Carbon Black Particle Size	Clause- 5.2.1.1, 5.3.d.(4) of IS:14333:2022
72.	Polyethylene Pipes for Sewerage and Industrial Chemicals and Effluent	Pipe Description	Clause- 6, 6.1, 6.1.1, 6.1.2, 6.1.3, 6.1.4, 6.1.4.1 of IS:14333:2022
73.	Polyethylene Pipes for Sewerage and Industrial Chemicals and Effluent	Colour	Clause- 6.2 of IS:14333:2022
74.	Polyethylene Pipes for Sewerage and Industrial Chemicals and Effluent	Visual Appearance (Visual surface and Maximum out of square of pipe ends)	Clause- 7, 7.1 of IS:14333:2022
75.	Polyethylene Pipes for Sewerage and Industrial Chemicals and Effluent	Length	Clause- 7.2 of IS:14333:2022
76.	Polyethylene Pipes for Sewerage and Industrial Chemicals and Effluent	Dimensions (Nominal Outside Diameter, Mean Outside Diameter Minimum & Mean Outside Diameter Maximum)	7.4.1.1 & 7.4.1.2 of IS:4984:2016
77.	Polyethylene Pipes for Sewerage and Industrial Chemicals and Effluent	Dimensions Wall thickness (minimum & maximum)	7.4.1.1 & 7.4.1.2 of IS:4984:2016

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Plastics and Plastic Products		
78.	Polyethylene Pipes for Sewerage and Industrial Chemicals and Effluent	Dimensions (Ovality)	7.4.1.1 & 7.4.1.2 of IS:4984:2016
79.	Polyethylene Pipes for Sewerage and Industrial Chemicals and Effluent	Hydraulic Characteristics (Internal Pressure Creep Rupture Test of pipe & Internal Pressure Creep Rupture Test of pipe joint)	Annex- E of IS:4984:2016
80.	Polyethylene Pipes for Sewerage and Industrial Chemicals and Effluent	Longitudinal Reversion Test	Annex- F of IS:4984:2016
81.	Polyethylene Pipes for Sewerage and Industrial Chemicals and Effluent	Carbon Black Content	IS:2530:1963
82.	Polyethylene Pipes for Sewerage and Industrial Chemicals and Effluent	Carbon Black Dispersion	IS:2530:1963
83.	Polyethylene Pipes for Sewerage and Industrial Chemicals and Effluent	Tensile Strength for Butt-Fusion	Annex- G of IS:4984:2016
84.	Polyethylene Pipes for Sewerage and Industrial Chemicals and Effluent	Tensile Properties (Yield strength)	Annex- H of IS:4984:2016

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Plastics and Plastic Products		
85.	Polyethylene Pipes for Sewerage and Industrial Chemicals and Effluent	Tensile Properties (Elongation at break)	Annex- H of IS:4984:2016
86.	Polyethylene Pipes for Sewerage and Industrial Chemicals and Effluent	Slow Crack Growth Rate	Annex- E&J of IS:4984:2016
87.	Un Plasticized PVC pipes for water supplies	Classification of Pipes	Clause- 5, 5.1, 5.2 of IS:4985-2021
88.	Unplasticized PVC pipes for water supplies	Dimension of Pipes (Mean Outside Diameter minimum, Mean Outside Diameter maximum, Outside diameter at any point minimum, Outside diameter at any point maximum & Tolerance on Ovality & The permissible variation between the mean outside diameter and nominal outside diameter)	IS:12235:(P-1):2004
89.	Unplasticized PVC pipes for water supplies	Dimension (Wall Thickness, Wall Thickness minimum, Wall Thickness maximum & Wall Thickness Average,)	IS:12235:(P-1):2004

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Plastics and Plastic Products		
90.	Unplasticized PVC pipes for water supplies	Dimension of Socket (solvent cement jointing & elastomeric sealing ring joint)	Clause- 7.2, 7.2.1, 7.2.1.1, 7.2.1.2 of IS:4985-2021
91.	Unplasticized PVC pipes for water supplies	Length & Effective Length	Clause- 7.1.4, 7.1.4.1 of IS:4985-2021
92.	Unplasticized PVC pipes for water supplies	Sealing Rings (Shore A Hardness Test)	Clause- 8 of IS:4985:2021
93.	Unplasticized PVC pipes for water supplies	Pipe Ends	Clause- 9, 9.1, 9.2 of IS:4985:2021
94.	Unplasticized PVC pipes for water supplies	Visual Appearance	Clause- 10,10.1, 10.1.1 of IS:4985:2021
95.	Unplasticized PVC pipes for water supplies	Opacity	IS:12235:(P-3):2004
96.	Unplasticized PVC pipes for water supplies	Reversion Test	IS:12235:(P-5/S-1&2):2004
97.	Unplasticized PVC pipes for water supplies	Vicat Softening Temperature	IS:12235:(P-2):2004
98.	Unplasticized PVC pipes for water supplies	Density	IS:12235:(P-14):2004
99.	Unplasticized PVC pipes for water supplies	Hydrostatic Characteristics (Internal Hydrostatic Pressure Test)	IS:12235:(P-8/S-1&4):2004

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Plastics and Plastic Products		
100.	Unplasticized PVC pipes for water supplies	Resistance to External Blows at 0°C(Impact Test)	Clause- 11.2 of Annex-C of IS:4985:2021
101.	Unplasticized Polyvinyl Chloride (PVC-U) Pipe for Soil and Waste Discharge System For Inside and Outside Buildings Including Ventilation and Rain Water System	Colour of Pipe	Clause- 5 of IS:13592:2013
102.		Dimension of Pipe (Nominal Outside diameter, Mean Outside diameter minimum, Mean Outside diameter maximum)	IS:12235:(P-1):2004
103.		Dimension of Pipe (Outside diameter at any point minimum, Outside diameter at any point maximum)	IS:12235:(P-1):2004
104.		Dimension of Pipe & Socket (Wall Thickness, Wall Thickness minimum, Wall Thickness maximum)	IS:12235:(P-1):2004
105.		Length of Pipe	Clause- 7.2, 7.2.1 of IS:13592:2013
106.		Dimension Socket of Pipe	Clause- 7.3, 7.3.1, 7.3.2 of IS:13592:2013
107.		Visual Appearance	Clause- 8, 8.1 of IS:13592:2013

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Plastics and Plastic Products		
108.	Unplasticized Polyvinyl Chloride (PVC-U) Pipe for Soil and Waste Discharge System For Inside and Outside Buildings Including Ventilation and Rain Water System	Reversion Test	IS:12235:(P-5/S-1&2):2004
109.		Stress Relief Test	IS:12235:(P-6):2004
110.		Vicat Softening Temperature	IS:12235:(P-2):2004
111.		Effect of Sunlight	IS:12235:(P-13):2004
112.		Resistance to External Blows at 0°C(Impact Test)	Clause- 10.1 of Annex-A of IS:13592:2013
113.		Tensile Strength	IS:12235:(P-13):2004
114.		Axial Shrinkage (For Type-B Pipes Only)	Clause- 10.3 of Annex-B of IS:13592:2013
115.		Water Tightness of Joint	Clause- 11 of IS:13592:2013
116.	Un plasticized Polyvinyl Chloride (PVC-U) Screen And Casing Pipes For Bore/Tube wells - Specification	Colour	Clause- 5 of IS:12818:2010
117.		Dimension (Mean Outside diameter, Outside diameter minimum, Outside diameter maximum, Outside diameter any point minimum, Outside diameter any point maximum & Mean Outer Diameter over connection)	IS:12235:(P-1):2004

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Plastics and Plastic Products		
118.	Un plasticized Polyvinyl Chloride (PVC-U) Screen And Casing Pipes For Bore/Tube wells - Specification	Ribs, Length of Pipes, Effective and segmental Length, Slots, Threading of Screen and casing pipe, Internal Diameter	Clause- 7.3, 7.3.1, 7.3.2, 7.4, 7.4.1, 7.4.2, 7.5, 7.5.1, 7.5.2, 8, 8.1, 8.2, 8.3, 8.3.1, 8.3.2, 8.4, 8.4.1, 8.5, 9.2 of IS:12818:2010
119.		Dimension(Wall Thickness, Wall Thickness under ribs minimum & maximum, Wall Thickness minimum, Wall Thickness maximum)	IS:12235:(P-1):2004
120.		Shore Hardness Test	Clause- 8.4 of IS:12818:2010
121.		Visual Appearance	Clause- 9.1 of IS:12818:2010
122.		Density	IS:12235:(P-14):2004
123.		Resistance to External Blows at 0°C(Impact Test)	IS:12235:(P-9):2004
124.		Tensile Strength	IS:12235:(P-13):2004
125.		Vicat Softening Temperature	IS:12235:(P-2):2004
126.	Polyethylene Flexible Pouches For the Packing of Natural Mineral Water and Packaged Drinking Water	Description	Clause- 6.1.1 of IS:15609:2005

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Plastics and Plastic Products		
127.	Polyethylene Flexible Pouches For the Packing of Natural Mineral Water and Packaged Drinking Water	Film Form	Clause- 6.1.2 of IS:15609:2005
128.		Winding of Film	Clause- 6.1.3 of IS:15609:2005
129.		Odour	Clause- 6.1.4 of IS:15609:2005
130.		Thickness	Clause- 6.1.5, 6.1.5.1 of IS:15609:2005
131.		Width	Clause- 6.1.6 of IS:15609:2005
132.		Tensile Strength	IS:2508:2016
133.		Elongation at Break	IS:2508:2016
134.		Dart Impact Resistance	IS: 2508:2016
135.		Stack Load Test	Clause- 7.3 of Annex-F of IS:15609:2005
136.		Drop Test	Clause- 7.4 of Annex-G of IS:15609:2005
137.		Ink Adhesion of Printed Pouches	Clause- 7.5 of Annex-H of IS:15609:2005
138.		Product Resistance of Printed Pouches	Clause- 7.6 of Annex-J of IS:15609:2005
139.		Construction	Clause- 8 of IS:15609:2005

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Plastics and Plastic Products		
140.	Plastic Bottles/ Containers for Packaged Natural Mineral water and Packaged Drinking Water	Design, Shape and Dimensions	Clause- 4.2 of IS:15410:2003
141.		Manufacture, Workmanship, Finish and Appearance	Clause- 4.3, 4.3.1, 4.3.2 of IS:15410:2003
142.		Brimful capacity	Clause- 4.4 of IS:15410:2003
143.		Wall Thickness	Clause-4.5 of IS:2798:1998
144.		Transparency	Clause- 4.6.2 of Annex-A of IS:15410:2003
145.		Leakage Test (Closer Leakage, Vibration Leakage, Air Pressure Leakage)	Clause 6.1 & 6.2 of IS:2798:1998
146.		Drop Impact Test	Clause-8 of IS:2798:1998
147.		Stack load test	Clause-9 of IS:2798:1998
148.		Dimension Of Pipes And Fittings	IS:12235:(P-1):2004
149.	Structured-Wall Plastics Piping Systems For Non-Pressure Drainage And Sewerage — Specification Part 1 Pipes And Fittings With Smooth External Surface, Type A	Appearance	Clause- 7.1 & 8.1 of IS:16098(P-1):2013
150.		Colour	Clause- 7.2 & 8.1 of IS:16098(P-1):2013
151.		Vicat Softening Temperature	IS:12235:(P-2):2004
152.		Longitudinal Reversion	IS:12235:(P-5/s-1&2):2004

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Plastics and Plastic Products		
153.		Effect of Heating (Stress Relief Test)	IS:12235:(P-2):2004
154.		Resistance to External Blows at 0°C	IS:12235(P-9):2004
155.		Impact Strength of Injection Moulded and Fabricated Fittings	Clause- 10.1 of IS:16098(P-1):2013
156.	Structured-Wall Plastics Piping Systems For Non-Pressure Drainage And Sewerage — Specification Part 2 Pipes And Fittings With Non-Smooth External Surface, Type B	Base density	IS:7328:2020
157.		Melt flow rate (MFR)	IS:2530:1963
158.		Thermal stability (oxidation induction test, OIT)	Clause- 5.1 of Annex-C of IS:16098(P-2):2013
159.		Dimension of Pipes and Fittings	Clause- 6.3, 6.3.1, 6.3.2, 6.3.3, 6.3.4, 6.3.4.1, 6.3.5, 6.3.5.1, 6.3.5.1.1, 6.3.5.1.2, 6.3.5.1.3, 6.3.5.1.4, 6.3.5.1.5, 6.3.5.2, 6.3.5.3, 6.3.5.4, 6.4, 6.4.1 of IS:16098(P-2):2013
160.		Appearance	Clause- 7.1 of IS:16098(P-2):2013
161.		Colour of finished pipes	Clause- 7.1.1 of IS:16098(P-2):2013
162.		Resistance to Heating	IS12235(P-6):2004
163.		Effect of heating	Clause- 7.2 & 7.3 of Annex-D of IS:16098(P-2):2013
164.		Impact Strength	IS: 12235(P-9):2004

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Plastics and Plastic Products		
165.		Impact Test	Clause- 8.2.2 of IS:16098(P-2):2013
166.	Conduit Systems For Electrical Installations Part 2 Particular Requirements — Conduit	Dimensions (outside diameter, outside diameter tolerance and minimum inside diameter)	Clause- 8 of IS:14930(P-2):2001
167.	Systems Buried Underground	Construction	Clause- 9 of IS:14930(P-2):2001

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Toys and Similar Products		
1.	Safety of Toys -Safety aspects related to Mechanical and Physical properties	Normal use Test	IS 9873 (P-1) 2019 Clause 4.1 / 5.1 EN 71-1: 2014+A1:2018 (E) Clause 4.1, 4.2
2.		Reasonably foreseeable abuse Test	IS 9873 (P-1) 2019 Clause 4.2 & 5.24, 5.24.1
3.		Drop Test	IS 9873 (P-1) 2019 Clause 4.2 & 5.24.2
4.		Tip over test for large and bulky toys	IS 9873 (P-1) 2019 CLAUSE 4.2 & 5.24.3
5.		Dynamic Strength test for Wheeled ride on toys other than toy scooter	IS 9873 (P-1) 2019 CLAUSE 4.2 & 5.24.4
6.		Torque Test	IS 9873 (P-1) 2019 Clause 4.2 & 5.24.5
7.		Tension Test	IS 9873 (P-1) 2019 clause 4.2 & 5.24.6, 5.24.6.1, 5.24.6.2, 5.24.6.3, 5.24.6.4, 5.24.6.5
8.		Compression Test	IS 9873 (P-1) 2019 Clause 4.2 & 5.24.7
9.		Metal wires and rods & Flexure Test	IS 9873 (P-1) 2019 Clause 4.9, 4.9(a), 4.9(b), 4.9(c) & 5.24.8, 5.24.8.1, 5.24.8.2, 5.24.8.3

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Toys and Similar Products		
10.	Safety of Toys -Safety aspects related to Mechanical and Physical properties	Material Quality	IS: 9873 (PART-1) 2019 Clause 4.3, 4.3.1
11.		Expanding materials	IS 9873 (P-1) 2019 Clause 4.3.2/5.21 EN 71-1: 2014+A1:2018 (E) Clause 4.6 /8.14
12.		Small Part Test	IS 9873 (P-1) 2019 CLAUSE 4.4, 4.4.1, 4.4.2 / 5.2
13.		Squeeze toys, rattles, fasteners, and certain other toys and components of toys	IS 9873 (P-1) 2019 CLAUSE 4.5, 4.5.1, 4.5.1.1, 4.5.1.2, 4.5.1.3, 4.5.1.4 / 5.3
14.		Small Balls	IS:9873 (PART -1) 2019 clause 4.5.2 / 5.4; EN 71-1: 2014+A1:2018 (E) Clause 4.22/8.32
15.		Pompoms	IS:9873 (PART -1) 2019 clause 4.5.3 / 5.5
16.		Pre-school play Figures	IS:9873 (PART -1) 2019 clause 4.5.4 / 5.6
17.		Toy Pacifiers	IS:9873 (PART -1) 2019 clause 4.5.5
18.		Balloons	IS:9873 (PART -1) 2019 clause 4.5.6 EN 71-1: 2014+A1:2018 (E) Clause 4.12

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Toys and Similar Products		
19.	Safety of Toys -Safety aspects related to Mechanical and Physical properties	Marbles	IS:9873 (PART -1) 2019 clause 4.5.7 /5.24
20.		Hemispheric-shaped Toys	IS:9873 (PART -1) 2019 clause 4.5.8, [a, b, c, d]
21.		Accessible sharp edges of glass or metal	IS:9873 (PART -1) 2019 clause 4.6, 4.6.1 / 5.8
22.		Functional sharp edges	IS:9873 (PART -1) 2019 clause 4.6, 4.6.2 /5.8
23.		Edge on metal Toys	IS:9873 (PART -1) 2019 clause 4.6.3 / 5.8
24.		Edges on moulded Toys	IS:9873 (PART -1) 2019 clause 4.6.4 / 5.8 EN 71-1: 2014+A1:2018 (E) clause 4.7, 4.5 /8.11
25.		Edges on exposed bolts or threaded rods	IS:9873 (PART -1) 2019 clause 4.6.5 / 5.8
26.		Accessible sharp points	IS:9873 (PART -1) 2019 clause 4.7, 4.7.1/ 5.9 EN 71-1: 2014+A1:2018 (E) clause 4.8 /8.12
27.		Functional sharp points	IS:9873 (PART -1) 2019 clause 4.7, 4.7.2 / 5.9

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Toys and Similar Products		
28.	Safety of Toys -Safety aspects related to Mechanical and Physical properties	Wooden Toys	IS:9873 (PART -1) 2019 clause 4.7.3
29.		Projections	IS:9873 (PART -1) 2019 clause 4.8, 4.8.1, 4.8.2
30.		Determination of thickness of plastic film and sheeting	IS:9873 (PART -1) 2019 clause 4.10 & 5.10 EN 71-1: 2014+A1:2018 (E) clause 4.3, 4.4 /8.25
31.		Cords with the potential to tangle (Cords in toys intended for children under 18 months)	IS:9873 (PART -1) 2019 clause 4.11.2, 4.11.2.1 / 5.11.2, 5.11.3
32.		Other Cords	IS:9873 (PART -1) 2019 clause 4.11.2.2 /5.11.2
33.		Cords with the potential to tangle (Cords in toys intended for children 18 months and over but under 36months)	IS:9873 (PART -1) 2019 clause 4.11.3, 4.11.3.1, 4.11.3.2 / 5.11.2, 5.11.3
34.		Other Cords without a free end	IS:9873 (PART -1) 2019 clause 4.11.3.3
35.		Fixed loops and noses intended for children under 36 months	IS:9873 (PART -1) 2019 clause 4.11.4 / 5.11.3, 5.11.4
36.		Cords on Pull toys	IS:9873 (PART -1) 2019 clause 4.11.5 /5.11.2

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Toys and Similar Products		
37.	Safety of Toys -Safety aspects related to Mechanical and Physical properties	Electrical Cables	IS:9873 (PART -1) 2019 clause 4.11.6 / 5.11.2
38.		Diameter of certain cords intended for children under 36 months	IS:9873 (PART -1) 2019 clause 4.11.7 / 5.11.1
39.		Self-retracting cords intended for children under 36 months	IS:9873 (PART -1) 2019 clause 4.11.8 / 5.11.5
40.		Toys attached to or intended to be strung across , or otherwise attached to, a cradle, cot, perambulator or carriage	IS:9873 (PART -1) 2019 clause 4.11.9
41.		Cord on toy bag	IS:9873 (PART -1) 2019 clause 4.11.10
42.		Cords, strings and lines for flying toys & Electrical Resistance of Cords	IS:9873 (PART -1) 2019 clause 4.11.11 /5.11.6 EN 71-1: 2014+A1:2018 (E) Clause 4.13 /8.19
43.		Toy Pushchairs, perambulators and similar toys	IS:9873 (PART -1) 2019 clause 4.12, 4.12.1/ 5.22.2
44.		Other toys with folding mechanism	IS:9873 (PART -1) 2019 clause 4.12.2/ 5.22.3 EN 71-1: 2014+A1:2018 (E) Clause 4.10.1, 4.10.2

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Toys and Similar Products		
45.	Safety of Toys -Safety aspects related to Mechanical and Physical properties	Hinge - lines clearance	IS:9873(PART-1) 2019 Clause 4.12.3 EN 71-1: 2014+A1:2018 (E) Clause 4.10.3
46.		Circular holes in rigid materials	IS:9873(PART-1) 2019 Clause 4.13.1
47.		Accessible clearances for movable segments	IS:9873(PART-1) 2019 Clause 4.13.2
48.		Chains or belts in ride-on toys	IS:9873(PART-1) 2019 Clause 4.13.3/ 5.7
49.		Other driving mechanisms	IS:9873(PART-1) 2019 Clause 4.13.4
50.		Winding Keys	IS:9873(PART-1) 2019 Clause 4.13.5
51.		Spring	IS 9873 (P-1) 2019 Clause 4.14/ 5.7 EN 71-1: 2014+A1:2018 (E) Clause 4.10.4
52.		Stability of ride on toys and seats	IS:9873(PART-1) 2019 Clause 4.15.1, 4.15.1.1, 4.15.1.2, 4.15.1.3 /5.12.2, 5.12.3, 5.12.4

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Toys and Similar Products		
53.	Safety of Toys -Safety aspects related to Mechanical and Physical properties	Overload requirements for ride on toys and seats	IS:9873(PART-1) 2019 Clause 4.15.2/ 5.12.5
54.		Stability test of stationary floor toys	IS 9873 (P-1) 2019 CLAUSE 4.15.3 / 5.12.6
55.		Ventilation	IS 9873 (P-1) 2019 CLAUSE 4.16, 4.16.1 EN 71-1: 2014+A1:2018 (E) Clause 4.14.2
56.		Lids, doors and similar devices	IS 9873 (P-1) 2019 CLAUSE 4.16.2, 4.16.2.1 /5.13.1
57.		Lid support for toy chests and similar toys	IS 9873 (P-1) 2019 CLAUSE 4.16.2.2 /5.13.2.1, 5.13.2.2
58.		Toys that enclose the head	IS 9873 (P-1) 2019 CLAUSE 4.16.3 EN 71-1: 2014+A1:2018 (E) Clause 4.14.1
59.		Simulated protective equipment, such as helmets, hats and goggles	IS 9873 (P-1) 2019 CLAUSE 4.17 / 5.14
60.		Determination of Projectile range	IS 9873 (P-1) 2019 CLAUSE 4.18, 4.18.1/ 5.35
61.		Tip assessment of rigid projectiles	IS 9873 (P-1) 2019 CLAUSE 4.18.2/ 5.36

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Toys and Similar Products		
62.	Safety of Toys -Safety aspects related to Mechanical and Physical properties	Length of Suction Cup projectiles	IS 9873 (P-1) 2019 CLAUSE 4.18.2(d), 4.18.2(e) /5.37, 5.4, 5.24.6.5, 5.24.5
63.		Kinetic Energy of projectiles	IS 9873 (P-1) 2019 CLAUSE 4.18.3(a), 4.18.3(c) 4.18.3(d), 4.18.3(e) /5.15.1.3.1, 5.15.1.3.2, 5.2, 5.15.2 EN 71-1: 2014+A1:2018 (E) Clause 4.17
64.		Determination of kinetic energy per area of contact	IS 9873 (P-1) 2019 CLAUSE 4.18.3(b) /5.15.1.3.3
65.		Projectile toys without stored energy	IS 9873 (P-1) 2019 CLAUSE 4.18.4 EN 71-1: 2014+A1:2018 (E) Clause 4.17.2
66.		Mouth-actuated Projectile Toys	IS 9873 (P-1) 2019 CLAUSE 4.18.4.1 / 5.20
67.		Projectiles in the form of a dart	IS 9873 (P-1) 2019 CLAUSE 4.18.4.2/ 5.15.1.3.3, 5.24.5, 5.24.6.4
68.		Arrow	IS 9873 (P-1) 2019 CLAUSE 4.18.4.3 / 5.15.1, 5.15.1.3.3; EN 71-1: 2014+A1:2018 (E) Clause 4.17.4

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Toys and Similar Products		
69.	Safety of Toys -Safety aspects related to Mechanical and Physical properties	Rotors and propellers	IS 9873 (P-1) 2019 CLAUSE 4.19 / 5.35 EN 71-1: 2014+A1:2018 (E) Clause 4.15.4
70.		Aquatic Toys	IS 9873 (P-1) 2019 CLAUSE 4.20 EN 71-1: 2014+A1:2018(E) Clause 4.18
71.		Braking	IS 9873 (P-1) 2019 Cl. No. 4.21, 4.22.3 /5.16.2
72.		Determination of Free-wheeling facility	IS 9873 (P-1) 2019 Cl. No. 4.21 (a) & 5.16.1 EN 71-1: 2014+A1:2018 (E) Clause 4.15.1.5 /8.26
73.		Determination of Maximum saddle Height (Toy bicycles)	IS 9873 (P-1) 2019 Cl. No. 4.22, 4.22.1, 4.22.2, 4.22.3 /5.16.1, 5.16.3 EN 71-1: 2014+A1:2018 (E) Clause 4.15.1.6, 4.15.2
74.		Speed Limitation of electrically driven ride-on toys	IS 9873 (P-1) 2019 Cl. No. 4.23 /5.17 EN 71-1: 2014+A1:2018 (E) Clause 4.15.1.8

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Mechanical Testing			
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	Toys and Similar Products		
75.	Safety of Toys -Safety aspects related to Mechanical and Physical properties	Determination of Temperature Increase	IS 9873 (P-1) 2019 Cl. No. 4.24 / 5.18 EN 71-1: 2014+A1:2018 (E) Clause 4.21
76.		Leakage of liquid-filled Toys	IS 9873 (P-1) 2019 Cl. No. 4.25 / 5.19
77.		Durability of mouth actuated toy	IS 9873 (P-1) 2019 Clause 4.26/ 5.20 EN 71-1: 2014+A1:2018 (E) Clause 4.11
78.		Toy roller skates, toy inline skates and toy skateboards	IS:9873 (PART -1) 2019 Clause 4.27 EN 71-1: 2014+A1:2018 (E) Clause 4.15.1, 4.15.1.2
79.		Percussion caps specifically designed for use in toys	IS 9873 (P-1) 2019 Cl. No. 4.28
80.		Washable Toys	IS 9873 (P-1) 2019 Cl. No. 5.23
81.		Determination of sound pressure levels (Close to the ear toy)	IS 9873 (P-1) 2019 Cl. No. 4.29(a) /5.25.2.1 EN 71-1: 2014+A1:2018 (E) Clause 4.20.2.2/8.28.2.1
82.		Toy Scooters	IS: 9873 (P-1) 2019 CLAUSE 4.30, 4.30.1, 4.30.2 EN 71-1: 2014+A1:2018 (E) Clause 4.15.5, 4.15.5.1

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Toys and Similar Products		
83.	Safety of Toys -Safety aspects related to Mechanical and Physical properties	Static Strength for toy scooter	IS 9873 (P-1) 2019 clause 4.30.3 / 5.26, 5.27, 5.29 EN 71-1: 2014+A1:2018 (E) Clause 4.15.1.3, 4.15.3
84.		Dynamic Strength for toy scooter	IS 9873 (P-1) 2019 Clause 4.30.3 / 5.27
85.		Strength of toy scooter steering tube	IS 9873 (P-1) 2019 Clause 4.30.3 /5.29, 5.29.1, 5.29.2 EN 71-1: 2014+A1:2018 (E) Clause 4.15.5.3
86.		Stability	IS 9873 (P-1) 2019 Clause 4.30.4 /5.12.2 EN 71-1: 2014+A1:2018 (E) Clause 4.15.1.4
87.		Adjusting and folding steering tubes and handlebars	IS 9873 (P-1) 2019 Clause 4.30.5 /5.30 EN 71-1: 2014+A1:2018 (E) Clause 4.15.1.7, 4.15.5.4
88.		Brake performance for toy scooters	IS 9873 (P-1) 2019 Clause 4.30.6/ 5.28, 5.28.1, 5.28.2 EN 71-1: 2014+A1:2018 (E) Clause 4.15.5.5

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	Toys and Similar Products		
89.	Safety of Toys -Safety aspects related to Mechanical and Physical properties	Wheel size	IS: 9873 (P-1) 2019 CLAUSE 4.30.7 EN 71-1: 2014+A1:2018 (E) Clause 4.15.5.6
90.		Projections	IS: 9873 (P-1) 2019 CLAUSE 4.30.8 EN 71-1: 2014+A1:2018 (E) Clause 4.15.5.7
91.		Magnets and Magnetic components	IS 9873 (P-1) 2019 CLAUSE 4.31, 4.31.1, 4.31.2 /5.32, 5.34 EN 71-1: 2014+A1:2018 (E) Clause 4.23.1,4.23.2, 4.23.3
92.		Tension test for magnets	IS 9873 (P-1) 2019 clause 4.31.2(c) / 5.31, 5.31.1, 5.31.2, 5.31.3, 5.31.4
93.		Magnetic flux index	IS 9873 (P-1) 2019 Clause 4.31.2(a) / 5.32, 5.32.4.1, 5.32.4.2
94.		Impact test for magnets	IS 9873 (P-1) 2019 CLAUSE 4.31.2 (C)/ 5.33
95.		Soaking test for magnets	IS 9873 (P-1) 2019 Clause 4.31.2(b) / 5.34
96.		Yo-yo balls Measurements	IS 9873 (P-1) 2019 Cl. No. 4.32 /5.38, 5.38.1, 5.38.2 EN 71-1: 2014+A1:2018 (E) Clause 4.24

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Toys and Similar Products		
97.	Safety of Toys -Safety aspects related to Mechanical and Physical properties	Straps intended to be worn fully or partially around the neck	IS 9873 (P-1) 2019 Cl. No. 4.33 / 5.11.3
98.		Sledge and toboggan switch cords for pulling	IS 9873 (P-1) 2019 Cl. No. 4.34
99.		Jaw entrapment in handles and steering wheels	IS 9873 (P-1) 2019 Cl. No. 4.35.1, 4.35.2, 4.35.3 / 5.39
100.	Flammability Requirement	General(flammability)	IS 9873 (P-2) 2017 Cl. No. 4.1 / 5.1, 5.1.1, 5.1.2, 5.1.3, 5.1.4 BS EN 71-2 :2020 Clause 4.1
101.	Flammability Requirement	Toys to be worn on the head	IS 9873 (P-2) 2017 Cl. No. 4.2, 4.2.1 BS EN 71-2 :2020 Clause 4.2, 4.2.1
102.	Flammability Requirement	Beards, moustaches, wigs, etc. made from hair, pile, or material that behaves in a similar manner to hair (e.g. free-hanging ribbons, paper, cloth strands, or other flowing elements), which protrude 50 mm or more from the surface of the toy	IS 9873 (P-2) 2017 Cl. No. 4.2.2, 4.2.2(a), 4.2.2(b) / 5.2 BS EN 71-2 :2020 Clause 4.2.2

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Toys and Similar Products		
103.	Flammability Requirement	Beards, moustaches, wigs, etc. made from hair, pile, or material that behaves in a similar manner to hair (e.g. free-hanging ribbons, paper, cloth strands, or other flowing elements), which protrude less than 50 mm and more than 5 mm from the surface of the toy	IS 9873 (P-2) 2017 Cl. No. 4.2.3 / 5.3 BS EN 71-2 :2020 Clause 4.2.3
104.	Flammability Requirement	Full or partial moulded head masks	IS 9873 (P-2) 2017 Cl. No. 4.2.4 / 5.3 BS EN 71-2 :2020 Clause 4.2.4
105.	Flammability Requirement	Flowing elements of toys to be worn on the head (except those covered by 4.2.2 and 4.2.3), hoods, headdresses, etc. and masks not covered by 4.2.4 which partially or fully cover the head (e.g. fabric and cardboard masks, eye masks, face masks), but excluding those items covered by 4.3	IS 9873 (P-2) 2017 Cl. No. 4.2.5 / 5.4

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Toys and Similar Products		
106.	Flammability Requirement	Toy disguise costumes and toys intended to be worn by a child in play	IS 9873 (P-2) 2017 Cl. No. 4.3 / 5.4
107.	Flammability Requirement	Toys intended to be entered by a child	IS 9873 (P-2) 2017 Cl. No. 4.4 / 5.4
108.	Flammability Requirement	Soft-filled toys	IS 9873 (P-2) 2017 Cl. No. 4.5 / 5.5 BS EN 71-2 :2020 Clause 4.5
109.	Safety of Toys-Swings, Slides & Similar activity toys for Indoor & Outdoor Family Domestic Use	Static strength	IS 9873 (P-4) 2017 Cl. No. 4.1.1 / 6.2.1
110.		Maximum height	IS 9873 (P-4) 2017 Cl. No. 4.1.2
111.		Corners and edges	IS 9873 (P-4) 2017 Cl. No. 4.1.3
112.		Protruding parts	IS 9873 (P-4) 2017 Cl. No. 4.1.4, 4.1.4.1, 4.1.4.2, 4.1.4.3, 4.1.4.5 / 6.7.1
113.		Protrusions in motion rides	IS 9873 (P-4) 2017 Cl. No. 4.1.4.4 / 6.7.2
114.		Climbing and swinging ropes, 3 chains and cables	IS 9873 (P-4) 2017 Cl. No. 4.1.5
115.		Open tubing	IS 9873 (P-4) 2017 Cl. No. 4.1.6
116.		Barriers	IS 9873 (P-4) 2017 Cl. No. 4.2 / 6.5.1

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Toys and Similar Products		
117.	Safety of Toys-Swings, Slides & Similar activity toys for Indoor & Outdoor Family Domestic Use	Rung ladders, stepladders and stairways	IS 9873 (P-4) 2017 Cl. No. 4.3,
118.		Head and neck entrapment	IS 9873 (P-4) 2017 Cl. No. 4.4, 4.4.1 / 6.5.1, 6.5.2
119.		Entrapment of clothing and hair (Toggle Test)	IS 9873 (P-4) 2017 Cl. No. 4.4.2 / 6.6
120.		Entrapment of feet	IS 9873 (P-4) 2017 Cl. No. 4.4.3
121.		Entrapment of fingers	IS 9873 (P-4) 2017 Cl. No. 4.4.4
122.		Stability of activity toys other than slides, swings and toys with crossbeams	IS 9873 (P-4) 2017 Cl. No. 4.5, 4.5.1
123.		Stability of activity toys with a free height of fall of 600 mm or less	IS 9873 (P-4) 2017 Cl. No. 4.5.2 / 6.1.1
124.		Stability of activity toys with a free height of fall of more than 600 mm	IS 9873 (P-4) 2017 Cl. No. 4.5.3 / 6.1.2
125.		Stability of slides	IS 9873 (P-4) 2017 Cl. No. 4.6, 4.6.1 / 6.1.3

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Toys and Similar Products		
126.	Safety of Toys-Swings, Slides & Similar activity toys for Indoor & Outdoor Family Domestic Use	Retaining sides for slides	IS 9873 (P-4) 2017 Cl. No. 4.6.2(a), 4.6.2(b)
127.		Starting, slide and run-out section on slides	IS 9873 (P-4) 2017 Cl. No. 4.6.3
128.		Roller Slides	IS 9873 (P-4) 2017 Cl. No. 4.6.4
129.		Stability of swings and other activity toys with crossbeams	IS 9873 (P-4) 2017 Cl. No. 4.7, 4.7.1, 4.7.1.1
130.		Swings with crossbeams more than 1 200 mm above the ground	IS 9873 (P-4) 2017 Cl. No. 4.7.1.2 / 6.1.4.1
131.		Swings intended for children under 36 months with crossbeams 1 200 mm or less above the ground	IS 9873 (P-4) 2017 Cl. No. 4.7.1.3 / 6.1.4.2
132.		Strength of crossbeams, swing devices, suspension connectors and suspension couplings	IS 9873 (P-4) 2017 Cl. No. 4.7.2 / 6.2.2
133.		Swings intended for children under 36 months	IS 9873 (P-4) 2017 Cl. No. 4.7.3, 4.7.3.1, 4.7.3.2 / 6.1.5, 6.2.2.3.2

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Toys and Similar Products		
134.	Safety of Toys-Swings, Slides & Similar activity toys for Indoor & Outdoor Family Domestic Use	Impact from swing elements	IS 9873 (P-4) 2017 Cl. No. 4.7.4 / 6.4
135.		Minimum clearance between swing elements, and similar equipment and adjacent structures	IS 9873 (P-4) 2017 Cl. No. 4.7.5
136.		Minimum clearance between swing elements and the ground	IS 9873 (P-4) 2017 Cl. No. 4.7.7
137.		Suspension connectors and means of suspension	IS 9873 (P-4) 2017 Cl. No. 4.7.8(a), 4.7.8(b), 4.7.8(c), 4.7.8(d), 4.7.8(e), 4.7.8(f)
138.		Seesaws	IS 9873 (P-4) 2017 Cl. No. 4.8
139.		Carousels and rocking toys	IS 9873 (P-4) 2017 Cl. No. 4.9 / 6.1.1, 6.2.1
140.		Inflatable activity toys	IS 9873 (P-4) 2017 Cl. No. 4.10, 4.10.1, 4.10.2, 4.10.3,
141.		Containment	IS 9873 (P-4) 2017 Cl. No. 4.10.4, 4.10.4.1, 4.10.4.2, 4.10.4.3, 4.10.4.4
142.		Deflation of inflatable activity Toys	IS 9873 (P-4) 2017 Cl. No. 4.10.4.4 (a), 4.10.4.4(b) / 6.9

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Toys and Similar Products		
143.	Safety of Toys-Swings, Slides & Similar activity toys for Indoor & Outdoor Family Domestic Use	Paddling pools	IS 9873 (part-4) Clause 4.11, 4.11.1, 4.11.2, 4.11.3 / 6.10

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
1.	Metals, ceramics, glass, plastics, Electrical & electronics, toys	Lead	IS 16197 : Part 5 : 2014 (IEC 62321-5 : 2013)
2.		Mercury	IS 16197 : Part 4 : 2014 (IEC 62321-4 : 2013)
3.		Cadmium	IS 16197 : Part 5 : 2014 (IEC 62321-5 : 2013)
4.		Hexavalent Chromium	IS 16197 : Part 5 : 2014 (IEC 62321-5 : 2013)
5.		Bis(2-ethylhexyl) phthalate (DEHP)	IS 16197 : Part 8 : 2020 (IEC 62321-8 : 2007)
6.		Butyl benzyl phthalate (BBP)	IS 16197 : Part 8 : 2020 (IEC 62321-8 : 2007)
7.		Dibutyl phthalate (DBP)	IS 16197 : Part 8 : 2020 (IEC 62321-8 : 2007)
8.		Diisobutyl phthalate (DIBP)	IS 16197 : Part 8 : 2020 (IEC 62321-8 : 2007)
9.		Polybrominated biphenyls (PBB): Monobromobiphenyl	IS 16197 : Part 6 : 2018 (IEC 62321-6 : 2015)
10.		Polybrominated biphenyls (PBB): Dibromobiphenyl	IS 16197 : Part 6 : 2018 (IEC 62321-6 : 2015)

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
11.		Polybrominated biphenyls (PBB): Tribromobiphenyl	IS 16197 : Part 6 : 2018 (IEC 62321-6 : 2015)
12.		Polybrominated biphenyls (PBB): Tetrabromobiphenyl	IS 16197 : Part 6 : 2018 (IEC 62321-6 : 2015)
13.		Polybrominated biphenyls (PBB): Pentabromobiphenyl I	IS 16197 : Part 6 : 2018 (IEC 62321-6 : 2015)
14.		Polybrominated biphenyls (PBB): Heptabromobiphenyl I	IS 16197 : Part 6 : 2018 (IEC 62321-6 : 2015)
15.		Polybrominated biphenyls (PBB): Octabromobiphenyl	IS 16197 : Part 6 : 2018 (IEC 62321-6 : 2015)
16.	Metals, ceramics, glass, plastics, Electrical & electronics, toys	Polybrominated biphenyls (PBB): Nonabromobiphenyl	IS 16197 : Part 6 : 2018 (IEC 62321-6 : 2015)
17.		Polybrominated biphenyls (PBB): Decabromobiphenyl	IS 16197 : Part 6 : 2018 (IEC 62321-6 : 2015)
18.		Sum of Polybrominated biphenyls (PBB)	IS 16197 : Part 6 : 2018 (IEC 62321-6 : 2015)
19.		Polybrominated diphenyl ethers (PBDE): Monobromobiphenyl ether	IS 16197 : Part 6 : 2018 (IEC 62321-6 : 2015)
20.		Polybrominated diphenyl ethers (PBDE): Dibromobiphenyl ether	IS 16197 : Part 6 : 2018 (IEC 62321-6 : 2015)

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
21.		Polybrominated diphenyl ethers (PBDE): Tribromobiphenyl ether	IS 16197 : Part 6 : 2018 (IEC 62321-6 : 2015)
22.		Polybrominated diphenyl ethers (PBDE): Tetrabromobiphenyl ether	IS 16197 : Part 6 : 2018 (IEC 62321-6 : 2015)
23.		Polybrominated diphenyl ethers (PBDE): Pentabromobiphenyl ether	IS 16197 : Part 6 : 2018 (IEC 62321-6 : 2015)
24.		Polybrominated diphenyl ethers (PBDE): Hexabromobiphenyl ether	IS 16197 : Part 6 : 2018 (IEC 62321-6 : 2015)
25.	Metals, ceramics, glass, plastics, Electrical & electronics, toys	Polybrominated diphenyl ethers (PBDE): Heptabromobiphenyl ether	IS 16197 : Part 6 : 2018 (IEC 62321-6 : 2015)
26.		Polybrominated diphenyl ethers (PBDE): Octabromobiphenyl ether	IS 16197 : Part 6 : 2018 (IEC 62321-6 : 2015)
27.		Polybrominated diphenyl ethers (PBDE): Nonabromobiphenyl ether	IS 16197 : Part 6 : 2018 (IEC 62321-6 : 2015)
28.		Polybrominated diphenyl ethers (PBDE): Decabromobiphenyl ether	IS 16197 : Part 6 : 2018 (IEC 62321-6 : 2015)

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
29.		sum of Polybrominated diphenyl ethers (PBDE)	IS 16197 : Part 6 : 2018 (IEC 62321-6 : 2015)
30.	Paints- Container of Finger paints	Benzo[a]pyrene (B[a]P)	IS 9873 Part 7: 2017
31.		Hexachlorobenzene (HCB)	IS 9873 Part 7: 2017
32.		PCB congener 101 (2,2,4,5,5 Pentachlor obiphenyl)	IS 9873 Part 7: 2017
33.		PCB congener 118 (2,3,4,4,5- Pentachlorobiphenyl)	IS 9873 Part 7: 2017
34.		PCB congener 138 (2,2,3,4,4,5 Hexachlorobiphenyl)	IS 9873 Part 7: 2017
35.		PCB congener 153 (2,2,4,4,5 Hexachlorobiphenyl)	IS 9873 Part 7: 2017
36.		PCB congener 180 (2,2,3,4,4,5,5 Hepta chlorobiphenyl)	IS 9873 Part 7: 2017
37.		PCB congener 209 (Decachlorobiphenyl)	IS 9873 Part 7: 2017
38.		PCB congener 28 (2,4,4Trichlorobiphenyl)	IS 9873 Part 7: 2017
39.		PCB congener 52 (2,2,5,5 Tetrachloro biphenyl)	IS 9873 Part 7: 2017

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
40.		Taste & Smell	IS 9873-7: 2017 ISO 8124-7:(Clause 4.10 & A.10): 2015
41.		pH	IS 9873 Part 7: 2017
42.	Safety of toys - Migration of certain elements	Antimony(Sb)	IS 9873 Part 3: 2017
43.		Arsenic (As)	IS 9873 Part 3: 2017
44.		Barium(Ba)	IS 9837 Part 3: 2017
45.		Cadmium(Cd)	IS 9873 Part 3: 2017
46.		Chromium(Cr)	IS 9873 Part 3: 2017
47.		Lead(Pb)	IS 9873 Part 3: 2017
48.		Mercury(Hg)	IS 9873 Part 3: 2017
49.		Selenium(Se)	IS 9873 Part 3: 2017
50.		Ammonium Benzoate	IS 9873 Part 7:2017
51.	Safety of toys - Preservative	Benzoic Acid	IS 9873 Part 7:2017,95/32/EC 7 July: 1995
52.		Potassium Benzoate	IS 9873 Part 7:2017,95/32/EC 7 July: 1995
53.		Sodium Benzoate	IS 9873 Part 7:2017,95/32/EC 7 July: 1995

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
54.	Safety of toys – Requirements and Test methods for finger paints Detection of certain azo colourants and determination of free primary aromatic amines (colourants)	Benzidine (92-87-5)	IS 9873 (Part 7): 2017
55.		4,4-methylene-bis-(2-chloro aniline) (101-14-4)	IS 9873 (Part 7): 2017
56.		2,4,5-Trimethylaniline (137-17-7)	IS 9873 (Part 7): 2017
57.		2,4-Diaminoanisole (615-05-4)	IS 9873 (Part 7): 2017
58.		2-Amino-4-nitrotoluene (5-Nitro-o-toluidine) (99-55-8)	IS 9873 (Part 7): 2017
59.	Safety of toys - Requirements and Test methods for finger paints Detection of certain azo colourants and determination of free primary aromatic amines (colourants)	2-Methoxyaniline (o-Anisidine) (90-04-0)	IS 9873 (Part 7): 2017
60.		2-Naphthylamine (91-59-8)	IS 9873 (Part 7): 2017
61.		3,3'-Dimethoxybenzidine (119-90-4)	IS 9873 (Part 7): 2017
62.		3,3'-Dimethyl-4,4'-diaminodiphenylmethane (4,4'-Methylenedi-o-toluidine) (838-88-0)	IS 9873 (Part 7): 2017

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
63.		3,3'-Dimethylbenzidine (19-93-7)	IS 9873 (Part 7): 2017
64.		4,4'-Diaminodiphenylmethane (4,4'-Methylenedianiline) (101-77-9)	IS 9873 (Part 7): 2017
65.		4,4'-Oxydianiline (101-80-4)	IS 9873 (Part 7): 2017
66.		4,4'-Thiodianiline (139-65-1)	IS 9873 (Part 7): 2017
67.	Safety of toys - Requirements' and Test methods for finger paints Detection of certain azo colourants and determination of free primary aromatic amines (colourants)	4-Aminoazobenzene (60-09-3)	IS 9873 (Part 7): 2017
68.		4-Aminobiphenyl (92-67-1)	IS 9873 (Part 7): 2017
69.		4-Chloro-2-methylaniline (4-Chloro-o-toluidine) (95-69-2)	IS 9873 (Part 7): 2017
70.		4-Methyl-m-phenylenediamine (Toluene-2,4-diamine) (95-80-7)	IS 9873 (Part 7): 2017
71.		o-Aminoazotoluene (4-o-Tolyazo-o-toluidine) (97-56-3)	IS 9873 (Part 7): 2017

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
72.		o-Toluidine (95-53-4)	IS 9873 (Part 7): 2017
73.		p-Cresidine (6-Methoxy-m-toluidine) (120-71-8)	IS 9873 (Part 7): 2017
74.	Safety of toys -Total Concentration of certain elements	Antimony (Sb)	IS 9873 Part 3/IS 9873 Part 5: 2020
75.		Arsenic (As)	IS 9873 Part 3/IS 9873 Part 5: 2020
76.		Barium (Ba)	IS 9873 Part 3/IS 9873 Part 5: 2020
77.		Cadmium (Cd)	IS 9873 Part 3/IS 9873 Part 5: 2020
78.		Chromium (Cr)	IS 9873 Part 3/IS 9873 Part 5: 2020
79.		Lead (Pb)	IS 9873 Part 3/IS 9873 Part 5: 2020
80.		Mercury (Hg)	IS 9873 Part 3/IS 9873 Part 5: 2020
81.		Selenium (Se)	IS 9873 Part 3/IS 9873 Part 5: 2020
82.	Safety requirements of toys - Determination of certain phthalates esters in toys and children's products	Benzyl butyl phthalate (BBP)	IS 9873 Part 6/IS 9873 Part 9:2017
83.		Bis (2-ethyl hexyl) phthalate (DEHP)	IS 9873 Part 6/IS 9873 Part 9:2017
84.		Di-isodecyl phthalate (DIDP)	IS 9873 Part 6/IS 9873 Part 9:2017
85.		Di-isononyl phthalate (DINP)	IS 9873 Part 6/IS 9873 Part 9:2017

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous & Restricted Chemicals		
86.		Dibutyl phthalate (DBP)	IS 9873 Part 6/IS 9873 Part 9:2017
87.		Dibutyl phthalate (DBP)	IS 9873 Part 6/IS 9873 Part 9:2017
88.	Aluminium Can for Beverages, Plastics bottles /containers for packaged natural mineral water and packaged drinking water, Polyethylene flexible pouches for the packing of natural mineral water and packaged drinking water, Potable water Bottles (Copper, Stainless steel, Aluminium)	Specific Migration of Barium	IS 3025 (Part 65): 2022
89.		Specific Migration of Cobalt	IS 3025 (Part 65): 2022
90.		Specific Migration of copper	IS 3025 (Part 65): 2022
91.		Specific Migration of Iron	IS 3025 (Part 65): 2022
92.		Specific Migration of Lithium	IS 3025 (Part 65): 2022
93.		Specific Migration of Manganese	IS 3025 (Part 65): 2022
94.		Specific Migration of Zinc	IS 3025 (Part 65): 2022
95.		Specific Migration of Antimony	IS 3025 (Part 65): 2022
96.		Specific Migration of Phthalic acid, bis (2-ethylhexyl) ester (DEHP)	ISO 18856 :2004
97.		Bisphenol A	ISO 18857-2: 2009

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Chemical Testing

Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
1.	Copper Wire Rods for Electrical Applications	Silver	IS:12444, BS EN 15079
2.	Copper Wire Rods for Electrical Applications	Aluminium	IS:12444, BS EN 15079
3.	Copper Wire Rods for Electrical Applications	Arsenic	IS:12444, IS:440
4.	Copper Wire Rods for Electrical Applications	Arsenic	IS:12444, BS EN 15079
5.	Copper Wire Rods for Electrical Applications	Bismuth	IS:12444, IS:440
6.	Copper Wire Rods for Electrical Applications	Bismuth	IS:12444, BS EN 15079
7.	Copper Wire Rods for Electrical Applications	Iron	IS:12444, BS EN 15079
8.	Copper Wire Rods for Electrical Applications	Iron	IS:12444, IS:440
9.	Copper Wire Rods for Electrical Applications	Manganese	IS:12444, BS EN 15079
10.	Copper Wire Rods for Electrical Applications	Nickel	IS:12444, IS:440
11.	Copper Wire Rods for Electrical Applications	Nickel	IS:12444, BS EN 15079

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
12.	Copper Wire Rods for Electrical Applications	Phosphorus	IS:12444,IS:440
13.	Copper Wire Rods for Electrical Applications	Phosphorus	IS:12444,BS EN 15079
14.	Copper Wire Rods for Electrical Applications	Lead	IS:12444,IS:440
15.	Copper Wire Rods for Electrical Applications	Lead	IS:12444,BS EN 15079
16.	Copper Wire Rods for Electrical Applications	Sulphur	IS:12444,BS EN 15079
17.	Copper Wire Rods for Electrical Applications	Antimony	IS:12444,IS:440
18.	Copper Wire Rods for Electrical Applications	Antimony	IS:12444,BS EN 15079
19.	Copper Wire Rods for Electrical Applications	Tin	IS:12444,IS:440
20.	Copper Wire Rods for Electrical Applications	Tin	IS:12444,BS EN 15079
21.	Copper Wire Rods for Electrical Applications	Zinc	IS:12444,BS EN 15079
22.	Copper Wire Rods for Electrical Applications	Copper	IS:12444,IS:440

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
23.	Copper Wire Rods for Electrical Applications	Surface Oxide	IS:12444
24.	Copper Wire Rods for Electrical Applications	Oxygen	IS:12444, IS:440
25.	Stainless Steel Butt Hinges - Specification	Aluminium	IS:12817, JIS G 1253
26.	Stainless Steel Butt Hinges - Specification	Boron	IS:12817, JIS G 1253
27.	Stainless Steel Butt Hinges - Specification	Carbon	IS:12817, ASTM E1086 JIS G 1253
28.	Stainless Steel Butt Hinges - Specification	Carbon	IS:12817, IS:228(P-1)
29.	Stainless Steel Butt Hinges - Specification	Cobalt	IS:12817, ASTM E1086 JIS G 1253
30.	Stainless Steel Butt Hinges - Specification	Chromium	IS:12817, JIS G 1253
31.	Stainless Steel Butt Hinges - Specification	Chromium	IS:12817, IS:228(P-6)
32.	Stainless Steel Butt Hinges - Specification	Copper	IS:12817, ASTM E 1086, JIS G 1253
33.	Stainless Steel Butt Hinges - Specification	Manganese	IS:12817, ASTM E 1086, JIS G 1253

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
34.	Stainless Steel Butt Hinges - Specification	Manganese	IS:12817, IS:228(P-12)
35.	Stainless Steel Butt Hinges - Specification	Molybdenum	IS:12817, ASTM E 1086, JIS G 1253
36.	Stainless Steel Butt Hinges - Specification	Molybdenum	IS:12817, IS:228(P-10)
37.	Stainless Steel Butt Hinges - Specification	Nitrogen	IS:12817, JIS G 1253
38.	Stainless Steel Butt Hinges - Specification	Nitrogen	IS:12817, IS:228(P-19)
39.	Stainless Steel Butt Hinges - Specification	Niobium	IS:12817, JIS G 1253
40.	Stainless Steel Butt Hinges - Specification	Nickel	IS:12817, ASTM E 1086 JIS G 1253
41.	Stainless Steel Butt Hinges - Specification	Nickel	IS:12817, IS:228(P-5)
42.	Stainless Steel Butt Hinges - Specification	Phosphorus	IS:12817, ASTM E 1086 JIS G 1253
43.	Stainless Steel Butt Hinges - Specification	Phosphorus	IS:12817, IS:228(P-3)
44.	Stainless Steel Butt Hinges - Specification	Sulphur	IS:12817, ASTM E 1086 JIS G 1253

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
45.	Stainless Steel Butt Hinges - Specification	Sulphur	IS:12817, IS:228(P-9)
46.	Stainless Steel Butt Hinges - Specification	Silicon	IS:12817, ASTM E 1086 JIS G 1253
47.	Stainless Steel Butt Hinges - Specification	Silicon	IS:12817, IS:228(P-8)
48.	Stainless Steel Butt Hinges - Specification	Tin	IS:12817, JIS G 1253
49.	Stainless Steel Butt Hinges - Specification	Titanium	IS:12817, JIS G 1253
50.	Stainless Steel Butt Hinges - Specification	Vanadium	IS:12817, JIS G 1253
51.	Stainless Steel Butt Hinges - Specification	Tungsten	IS:12817, JIS G 1253
52.	Stainless Steel Butt Hinges - Specification	Zirconium	IS:12817, JIS G 1253
53.	Stainless Steel Butt Hinges - Specification	Finish	IS:12817 IS:6528, IS:6911
54.	Aluminium Cans for Beverages- Specification	Boron	IS:14407, ASTM E1251
55.	Aluminium Cans for Beverages- Specification	Berellium	IS:14407, ASTM E1251

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Chemical Testing

Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
56.	Aluminium Cans for Beverages-Specification	Cadmium	IS:14407, ASTM E1251
57.	Aluminium Cans for Beverages-Specification	Cobalt	IS:14407, IS:ASTM E1251
58.	Aluminium Cans for Beverages-Specification	Chromium	IS:14407, IS:504(P-8)
59.	Aluminium Cans for Beverages-Specification	Chromium	IS:14407, ASTM E1251
60.	Aluminium Cans for Beverages-Specification	Copper	IS:14407, IS:504(P-3)
61.	Aluminium Cans for Beverages-Specification	Copper	IS:14407, ASTM E1251
62.	Aluminium Cans for Beverages-Specification	Iron	IS:14407, IS:504(P-2)
63.	Aluminium Cans for Beverages-Specification	Iron	IS:14407, ASTM E1251
64.	Aluminium Cans for Beverages-Specification	Magnesium	IS:14407, IS:504(P-6)
65.	Aluminium Cans for Beverages-Specification	Magnesium	IS:14407, ASTM E1251
66.	Aluminium Cans for Beverages-Specification	Manganese	IS:14407, IS:504(P-5)

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Chemical Testing

Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
67.	Aluminium Cans for Beverages-Specification	Manganese	IS:14407, ASTM E1251
68.	Aluminium Cans for Beverages-Specification	Nickel	IS:14407, IS:504(P-7)
69.	Aluminium Cans for Beverages-Specification	Nickel	IS:14407, ASTM E1251
70.	Aluminium Cans for Beverages-Specification	Lead	IS:14407, IS:504(P-1)
71.	Aluminium Cans for Beverages-Specification	Lead	IS:14407, ASTM E1251
72.	Aluminium Cans for Beverages-Specification	Antimony	IS:14407, IS:504(P-10)
73.	Aluminium Cans for Beverages-Specification	Antimony	IS:14407, ASTM E1251
74.	Aluminium Cans for Beverages-Specification	Silicon	IS:14407, IS:504(P-1)
75.	Aluminium Cans for Beverages-Specification	Silicon	IS:14407, ASTM E1251
76.	Aluminium Cans for Beverages-Specification	Tin	IS:14407, IS:504(P-9)
77.	Aluminium Cans for Beverages-Specification	Tin	IS:14407, ASTM E1251

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
78.	Aluminium Cans for Beverages-Specification	Titanium	IS:14407, IS:504(P-11)
79.		Titanium	IS:14407,ASTM E1251
80.		Vanadium	IS:14407, IS:504(P-12)
81.		Vanadium	IS:14407,ASTM E1251
82.		Zinc	IS:14407, IS:504(P-5)
83.		Zinc	IS:14407,ASTM E1251
84.		Zirconium	IS:14407-2023,ASTM E1251
85.	Draft Indian standard stainless steel cookware specification	Aluminium	IS:14756,JIS G 1253
86.		Boron	IS:14756,JIS G 1253
87.		Carbon	IS:14756, ASTM E1086 JIS G 1253
88.		Carbon	IS:14756, IS:228(P-1)
89.		Cobalt	IS:14756, ASTM E1086 JIS G 1253
90.		Chromium	IS:14756,JIS G 1253
91.		Chromium	IS:14756, IS:228(P-6)
92.		Copper	IS:14756,ASTM E 1086, JIS G 1253
93.		Manganese	IS:14756,ASTM E 1086, JIS G 1253

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
94.	Draft Indian standard stainless steel cookware specification	Manganese	IS:14756, IS:228(P-12)
95.		Molybdenum	IS:14756, ASTM E 1086, JIS G 1253
96.		Molybdenum	IS:14756, IS:228(P-10)
97.		Nitrogen	IS:14756, JIS G 1253
98.		Nitrogen	IS:14756, IS:228(P-19)
99.		Niobium	IS:14756, JIS G 1253
100.		Nickel	IS:14756, ASTM E 1086 JIS G 1253
101.		Nickel	IS:14756, IS:228(P-5)
102.		Phosphorus	IS:14756, ASTM E 1086 JIS G 1253
103.		Phosphorus	IS:14756, IS:228(P-3)
104.		Sulphur	IS:14756, ASTM E 1086 JIS G 1253
105.		Sulphur	IS:14756, IS:228(P-9)
106.		Silicon	IS:14756, ASTM E 1086 JIS G 1253
107.		Silicon	IS:14756, IS:228(P-8)
108.		Tin	IS:14756, JIS G 1253
109.		Titanium	IS:14756, JIS G 1253

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
110.		Vanadium	IS:14756,JIS G 1253
111.		Tungsten	IS:14756,JIS G 1253
112.		Zirconium	IS:14756,JIS G 1253
113.	Copper Tubes for Plumbing	Silver	IS:14810,BS EN 15079
114.		Aluminium	IS:14810,BS EN 15079
115.		Arsenic	IS:14810,IS:440
116.		Arsenic	IS:14810,BS EN15079
117.		Bismuth	IS:14810,IS:440
118.		Bismuth	IS:14810,BS EN 15079
119.		Iron	IS:14810,BS EN 15079
120.		Iron	IS:14810,IS:440
121.		Manganese	IS:14810,BS EN 15079
122.		Nickel	IS:14810,IS:440
123.		Nickel	IS:14810,BS EN 15079
124.		Phosphorus	IS:14810,IS:440
125.		Phosphorus	IS:14810,BS EN 15079

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
126.		Lead	IS:14810,IS:440
127.		Lead	IS:14810,BS EN 15079
128.		Sulphur	IS:14810,BS EN 15079
129.		Antimony	IS:14810,IS:440
130.		Antimony	IS:14810,BS EN 15079
131.		Tin	IS:14810,IS:440
132.		Tin	IS:14810,BS EN 15079
133.		Zinc	IS:14810,BS EN 15079
134.		Copper	IS:14810,IS:440
135.		Boron	IS:15392, ASTM E1251
136.	Aluminium and Aluminium Alloy Bare Foil for Food packaging	Berellium	IS:15392, ASTM E1251
137.		Cadmium	IS:15392, ASTM E1251
138.		Cobalt	IS:15392, IS:ASTM E1251
139.		Chromium	IS:15392,IS:504(P-8)
140.		Chromium	IS:15392,ASTM E1251
141.		Copper	IS:15392, IS:504(P-3)

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Chemical Testing

Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
142.	Aluminium and Aluminium Alloy Bare Foil for Food packaging	Copper	IS:15392, ASTM E1251
143.		Iron	IS:15392, IS:504(P-2)
144.		Iron	IS:15392, ASTM E1251
145.		Magnesium	IS:15392, IS:504(P-6)
146.		Magnesium	IS:15392, ASTM E1251
147.		Manganese	IS:15392, IS:504(P-5)
148.		Manganese	IS:15392, ASTM E1251
149.		Nickel	IS:15392, IS:504(P-7)
150.		Nickel	IS:15392, ASTM E1251
151.		Lead	IS:15392, IS:504(P-1)
152.		Lead	IS:15392, ASTM E1251
153.		Antimony	IS:15392, IS:504(P-10)
154.		Antimony	IS:15392, ASTM E1251
155.		Silicon	IS:15392, IS:504(P-1)
156.		Silicon	IS:15392, ASTM E1251
157.		Tin	IS:15392, IS:504(P-9)

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
158.		Tin	IS:15392, ASTM E1251
159.		Titanium	IS:15392, IS:504(P-11)
160.		Titanium	IS:15392, ASTM E1251
161.		Vanadium	IS:15392, IS:504(P-12)
162.		Vanadium	IS:15392, ASTM E1251
163.		Zinc	IS:15392, IS:504(P-5)
164.		Zinc	IS:15392, ASTM E1251
165.		Zirconium	IS:15392, ASTM E1251
166.	Stainless Steel Tower Bolts -specification	Aluminium	IS:15833, JIS G 1253
167.		Boron	IS:15833, JIS G 1253
168.		Carbon	IS:15833, ASTM E1086 JIS G 1253
169.		Carbon	IS:15833, IS:228(P-1)
170.		Cobalt	IS:15833, ASTM E1086 JIS G 1253
171.		Chromium	IS:15833, JIS G 1253
172.		Chromium	IS:15833, IS:228(P-6)
173.		Copper	IS:15833, ASTM E 1086, JIS G 1253

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
174.		Manganese	IS:15833, ASTM E 1086, JIS G 1253
175.		Manganese	IS:15833, IS:228(P-12)
176.		Molybdenum	IS:15833, ASTM E 1086, JIS G 1253
177.		Molybdenum	IS:15833, IS:228(P-10)
178.		Nitrogen	IS:15833, JIS G 1253
179.		Nitrogen	IS:15833, IS:228(P-19)
180.	Stainless Steel Tower Bolts -specification	Niobium	IS:15833, JIS G 1253
181.		Nickel	IS:15833, ASTM E 1086 JIS G 1253
182.		Nickel	IS:15833, IS:228(P-5)
183.		Phosphorus	IS:15833, ASTM E 1086 JIS G 1253
184.		Phosphorus	IS:15833, IS:228(P-3)
185.		Sulphur	IS:15833, ASTM E 1086 JIS G 1253
186.		Sulphur	IS:15833, IS:228(P-9)
187.		Silicon	IS:15833, ASTM E 1086 JIS G 1253
188.		Silicon	IS:15833, IS:228(P-8)
189.		Tin	IS:15833, JIS G 1253

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
190.	Copper Rods and Bars for Electrical Purposes	Titanium	IS:15833,JIS G 1253
191.		Vanadium	IS:15833,JIS G 1253
192.		Tungsten	IS:15833,JIS G 1253
193.		Zirconium	IS:15833,JIS G 1253
194.		Silver	IS:613,BS EN 15079
195.		Aluminium	IS:613,BS EN 15079
196.		Arsenic	IS:613,IS:440
197.		Arsenic	IS:613,BS EN15079
198.		Bismuth	IS:613,IS:440
199.		Bismuth	IS:613,BS EN 15079
200.		Iron	IS:613,BS EN 15079
201.		Iron	IS:613,IS:440
202.		Manganese	IS:613,BS EN 15079
203.		Nickel	IS:613,IS:440
204.		Nickel	IS:613,BS EN 15079
205.		Phosphorus	IS:613,IS:440

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
206.		Phosphorus	IS:613,BS EN 15079
207.		Lead	IS:613,IS:440
208.		Lead	IS:613,BS EN 15079
209.		Sulphur	IS:613,BS EN 15079
210.		Antimony	IS:613,IS:440
211.		Antimony	IS:613,BS EN 15079
212.		Tin	IS:613,IS:440
213.		Tin	IS:613,BS EN 15079
214.		Zinc	IS:613,BS EN 15079
215.		Copper	IS:613,IS:440
216.		Boron	IS:733, ASTM E1251
217.		Berellium	IS:733, ASTM E1251
218.		Cadmium	IS:733, ASTM E1251
219.		Cobalt	IS:733, IS:ASTM E1251
220.		Chromium	IS:733,IS:504(P-8)
221.		Chromium	IS:733,ASTM E1251

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
222.		Copper	IS:733, IS:504(P-3)
223.		Copper	IS:733,ASTM E1251
224.		Iron	IS:733, IS:504(P-2)
225.		Iron	IS:733,ASTM E1251
226.		Magnesium	IS:733, IS:504(P-6)
227.		Magnesium	IS:733,ASTM E1251
228.		Manganese	IS:733, IS:504(P-5)
229.		Manganese	IS:733,ASTM E1251
230.		Nickel	IS:733, IS:504(P-7)
231.		Nickel	IS:733,ASTM E1251
232.		Lead	IS:733, IS:504(P-1)
233.		Lead	IS:733,ASTM E1251
234.		Antimony	IS:733, IS:504(P-10)
235.		Antimony	IS:733,ASTM E1251
236.		Silicon	IS:733, IS:504(P-1)
237.		Silicon	IS:733,ASTM E1251

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
238.		Tin	IS:733, IS:504(P-9)
239.		Tin	IS:733, ASTM E1251
240.		Titanium	IS:733, IS:504(P-11)
241.		Titanium	IS:733, ASTM E1251
242.		Vanadium	IS:733, IS:504(P-12)
243.		Vanadium	IS:733, ASTM E1251
244.	Wrought Aluminium and Aluminium Alloy Bars, Rods and Sections (For General Engineering Purposes)	Zinc	IS:733, IS:504(P-5)
245.		Zinc	IS:733, ASTM E1251
246.		Zirconium	IS:733, ASTM E1251
247.	Wrought aluminium and aluminium alloys, forging stock and forgings for general engineering purposes	Boron	IS:734, ASTM E1251
248.		Berellium	IS:734, ASTM E1251
249.		Cadmium	IS:734, ASTM E1251
250.		Cobalt	IS:734, IS:ASTM E1251
251.		Chromium	IS:734, IS:504(P-8)
252.		Chromium	IS:734, ASTM E1251
253.		Copper	IS:734, IS:504(P-3)

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
254.		Copper	IS:734, ASTM E1251
255.		Iron	IS:734, IS:504(P-2)
256.		Iron	IS:734, ASTM E1251
257.		Magnesium	IS:734, IS:504(P-6)
258.		Magnesium	IS:734, ASTM E1251
259.		Manganese	IS:734, IS:504(P-5)
260.		Manganese	IS:734, ASTM E1251
261.		Nickel	IS:734, IS:504(P-7)
262.		Nickel	IS:734, ASTM E1251
263.		Lead	IS:734, IS:504(P-1)
264.		Lead	IS:734, ASTM E1251
265.		Antimony	IS:734, IS:504(P-10)
266.	Wrought aluminium and aluminium alloys, forging stock and forgings for general engineering purposes	Antimony	IS:734, ASTM E1251
267.		Silicon	IS:734, IS:504(P-1)
268.		Silicon	IS:734, ASTM E1251
269.		Tin	IS:734, IS:504(P-9)

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
270.		Tin	IS:734,ASTM E1251
271.		Titanium	IS:734, IS:504(P-11)
272.		Titanium	IS:734,ASTM E1251
273.		Vanadium	IS:734, IS:504(P-12)
274.		Vanadium	IS:734,ASTM E1251
275.		Zinc	IS:734, IS:504(P-5)
276.		Zinc	IS:734,ASTM E1251
277.		Zirconium	IS:734,ASTM E1251
278.	Wrought aluminium and aluminium alloy plate for general engineering purposes	Boron	IS:736, ASTM E1251
279.		Berellium	IS:736, ASTM E1251
280.		Cadmium	IS:736, ASTM E1251
281.		Cobalt	IS:736, IS:ASTM E1251
282.		Chromium	IS:736,IS:504(P-8)
283.		Chromium	IS:736,ASTM E1251
284.		Copper	IS:736, IS:504(P-3)
285.		Copper	IS:736,ASTM E1251

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Bahadurgarh, Jhajjar-124507, Haryana, India

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Chemical Testing

Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
286.	Wrought aluminium and aluminium alloy plate for general engineering purposes	Iron	IS:736, IS:504(P-2)
287.		Iron	IS:736,ASTM E1251
288.		Magnesium	IS:736, IS:504(P-6)
289.		Magnesium	IS:736,ASTM E1251
290.		Manganese	IS:736, IS:504(P-5)
291.		Manganese	IS:736,ASTM E1251
292.		Nickel	IS:736, IS:504(P-7)
293.		Nickel	IS:736,ASTM E1251
294.		Lead	IS:736, IS:504(P-1)
295.		Lead	IS:736,ASTM E1251
296.		Antimony	IS:736, IS:504(P-10)
297.		Antimony	IS:736,ASTM E1251
298.		Silicon	IS:736, IS:504(P-1)
299.		Silicon	IS:736,ASTM E1251
300.		Tin	IS:736, IS:504(P-9)
301.		Tin	IS:736,ASTM E1251

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
302.		Titanium	IS:736, IS:504(P-11)
303.		Titanium	IS:736, ASTM E1251
304.		Vanadium	IS:736, IS:504(P-12)
305.		Vanadium	IS:736, ASTM E1251
306.		Zinc	IS:736, IS:504(P-5)
307.	Wrought aluminium and aluminium alloy plate for general engineering purposes	Zinc	IS:736, ASTM E1251
308.		Zirconium	IS:736, ASTM E1251
309.	Wrought Aluminium and Aluminium Alloy Sheet and Strip for General Engineering Purposes-Specification	Boron	IS:737, ASTM E1251
310.		Berellium	IS:737, ASTM E1251
311.		Cadmium	IS:737, ASTM E1251
312.		Cobalt	IS:737, IS:ASTM E1251
313.		Chromium	IS:737, IS:504(P-8)
314.		Chromium	IS:737, ASTM E1251
315.		Copper	IS:737, IS:504(P-3)
316.		Copper	IS:737, ASTM E1251
317.		Iron	IS:737, IS:504(P-2)

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
318.		Iron	IS:737,ASTM E1251
319.		Magnesium	IS:737, IS:504(P-6)
320.		Magnesium	IS:737,ASTM E1251
321.		Manganese	IS:737, IS:504(P-5)
322.		Manganese	IS:737,ASTM E1251
323.		Nickel	IS:737, IS:504(P-7)
324.		Nickel	IS:737,ASTM E1251
325.		Lead	IS:737, IS:504(P-1)
326.		Lead	IS:737,ASTM E1251
327.		Antimony	IS:737, IS:504(P-10)
328.	Wrought Aluminium and Aluminium Alloy Sheet and Strip for General Engineering Purposes-Specification	Antimony	IS:737,ASTM E1251
329.		Silicon	IS:737, IS:504(P-1)
330.		Silicon	IS:737,ASTM E1251
331.		Tin	IS:737, IS:504(P-9)
332.		Tin	IS:737,ASTM E1251
333.		Titanium	IS:737, IS:504(P-11)

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
334.		Titanium	IS:737,ASTM E1251
335.		Vanadium	IS:737, IS:504(P-12)
336.		Vanadium	IS:737,ASTM E1251
337.		Zinc	IS:737, IS:504(P-5)
338.		Zinc	IS:737,ASTM E1251
339.		Zirconium	IS:737,ASTM E1251
340.	Wrought aluminium and aluminium alloy wire for general engineering purposes	Boron	IS:739, ASTM E1251
341.		Berellium	IS:739, ASTM E1251
342.		Cadmium	IS:739, ASTM E1251
343.		Cobalt	IS:739, IS:ASTM E1251
344.		Chromium	IS:739,IS:504(P-8)
345.		Chromium	IS:739,ASTM E1251
346.		Copper	IS:739, IS:504(P-3)
347.		Copper	IS:739,ASTM E1251
348.		Iron	IS:739, IS:504(P-2)

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
349.	Wrought aluminium and aluminium alloy wire for general engineering purposes	Iron	IS:739,ASTM E1251
350.		Magnesium	IS:739, IS:504(P-6)
351.		Magnesium	IS:739,ASTM E1251
352.		Manganese	IS:7396, IS:504(P-5)
353.		Manganese	IS:739,ASTM E1251
354.		Nickel	IS:739, IS:504(P-7)
355.		Nickel	IS:739,ASTM E1251
356.		Lead	IS:739, IS:504(P-1)
357.		Lead	IS:739,ASTM E1251
358.		Antimony	IS:739, IS:504(P-10)
359.		Antimony	IS:739,ASTM E1251
360.		Silicon	IS:739, IS:504(P-1)
361.		Silicon	IS:739,ASTM E1251
362.		Tin	IS:739, IS:504(P-9)

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
363.		Tin	IS:739, ASTM E1251
364.		Titanium	IS:739, IS:504(P-11)
365.		Titanium	IS:739, ASTM E1251
366.		Vanadium	IS:739, IS:504(P-12)
367.		Vanadium	IS:739, ASTM E1251
368.		Zinc	IS:739, IS:504(P-5)
369.		Zinc	IS:739, ASTM E1251
370.		Zirconium	IS:739, ASTM E1251
371.		Boron	IS:740, ASTM E1251
372.		Berellium	IS:740, ASTM E1251
373.	Wrought aluminium and aluminium alloy rivet stock for general engineering purposes	Cadmium	IS:740, ASTM E1251
374.		Cobalt	IS:740, IS:ASTM E1251
375.		Chromium	IS:740, IS:504(P-8)
376.		Chromium	IS:740, ASTM E1251
377.		Copper	IS:740, IS:504(P-3)

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
378.		Copper	IS:740,ASTM E1251
379.		Iron	IS:740, IS:504(P-2)
380.		Iron	IS:740,ASTM E1251
381.		Magnesium	IS:740, IS:504(P-6)
382.		Magnesium	IS:740,ASTM E1251
383.		Manganese	IS:740, IS:504(P-5)
384.		Manganese	IS:740,ASTM E1251
385.		Nickel	IS:740, IS:504(P-7)
386.		Nickel	IS:740,ASTM E1251
387.		Lead	IS:740, IS:504(P-1)
388.		Lead	IS:740,ASTM E1251
389.		Antimony	IS:740, IS:504(P-10)
390.		Antimony	IS:740,ASTM E1251
391.		Silicon	IS:740, IS:504(P-1)

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
392.	Wrought aluminium and aluminium alloy rivet stock for general engineering purposes	Silicon	IS:740, ASTM E1251
393.		Tin	IS:740, IS:504(P-9)
394.		Tin	IS:740, ASTM E1251
395.		Titanium	IS:740, IS:504(P-11)
396.		Titanium	IS:740, ASTM E1251
397.		Vanadium	IS:740, IS:504(P-12)
398.		Vanadium	IS:740, ASTM E1251
399.		Zinc	IS:740, IS:504(P-5)
400.		Zinc	IS:740, ASTM E1251
401.		Zirconium	IS:740, ASTM E1251
402.	Bitumen Drums	Aluminium	IS:3575, ASTM E415
403.	Bitumen Drums	Carbon	IS:3575, ASTM E415
404.	Bitumen Drums	Carbon	IS:3575, IS:228(P-1)
405.	Bitumen Drums	Chromium	IS:3575, ASTM E415
406.	Bitumen Drums	Chromium	IS:3575, IS:228(P-6)

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
407.	Bitumen Drums	Copper	IS:3575, ASTM E415
408.	Bitumen Drums	Manganese	IS:3575, ASTM E415
409.	Bitumen Drums	Manganese	IS:3575, IS:228(P-2)
410.	Bitumen Drums	Molybdenum	IS:3575, ASTM E415
411.	Bitumen Drums	Molybdenum	IS:3575, IS:228(P-7)
412.	Bitumen Drums	Phosphorus	IS:3575, ASTM E415
413.	Bitumen Drums	Phosphorus	IS:3575, IS:228(P-3)
414.	Bitumen Drums	Sulphur	IS:3575, ASTM E415
415.	Bitumen Drums	Sulphur	IS:3575, IS:228(P-9)
416.	Bitumen Drums	Silicon	IS:3575, ASTM E415
417.	Bitumen Drums	Silicon	IS:3575, IS:228(P-8)
418.	Bitumen Drums	Vanadium	IS:3575, ASTM E415
419.	Specification for High Strength Structural Bolts	Finish	IS:3757
420.	Continuous (Piano) hinges	Aluminium	IS:3818, ASTM E415
421.	Continuous (Piano) hinges	Carbon	IS:3818, ASTM E415
422.	Continuous (Piano) hinges	Carbon	IS:3818, IS:228(P-1)

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
423.	Continuous (Piano) hinges	Chromium	IS:3818, ASTM E415
424.	Continuous (Piano) hinges	Chromium	IS:3818, IS:228(P-6)
425.	Continuous (Piano) hinges	Copper	IS:3818, ASTM E415
426.	Continuous (Piano) hinges	Manganese	IS:3818, ASTM E415
427.	Continuous (Piano) hinges	Manganese	IS:3818, IS:228(P-2)
428.	Continuous (Piano) hinges	Molybdenum	IS:3818, ASTM E415
429.	Continuous (Piano) hinges	Molybdenum	IS:3818, IS:228(P-7)
430.	Continuous (Piano) hinges	Phosphorus	IS:3818, ASTM E415
431.	Continuous (Piano) hinges	Phosphorus	IS:3818, IS:228(P-3)
432.	Continuous (Piano) hinges	Sulphur	IS:3818, ASTM E415
433.	Continuous (Piano) hinges	Sulphur	IS:3818, IS:228(P-9)
434.	Continuous (Piano) hinges	Silicon	IS:3818, ASTM E415
435.	Continuous (Piano) hinges	Silicon	IS:3818, IS:228(P-8)
436.	Continuous (Piano) hinges	Vanadium	IS:3818, ASTM E415
437.	Continuous (Piano) hinges	Finish	IS:3818, ASTM E415
438.	Continuous (Piano) hinges	Boron	IS:3818, ASTM E1251

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	Metals & Alloys		
439.	Continuous (Piano) hinges	Berellium	IS:3818, ASTM E1251
440.	Continuous (Piano) hinges	Cadmium	IS:3818, ASTM E1251
441.	Continuous (Piano) hinges	Cobalt	IS:3818, IS:ASTM E1251
442.	Continuous (Piano) hinges	Chromium	IS:3818, IS:504(P-8)
443.	Continuous (Piano) hinges	Chromium	IS:3818, ASTM E1251
444.	Continuous (Piano) hinges	Copper	IS:3818, IS:504(P-3)
445.	Continuous (Piano) hinges	Copper	IS:3818, ASTM E1251
446.	Continuous (Piano) hinges	Iron	IS:3818, IS:504(P-2)
447.	Continuous (Piano) hinges	Iron	IS:3818, ASTM E1251
448.	Continuous (Piano) hinges	Magnesium	IS:3818, IS:504(P-6)
449.	Continuous (Piano) hinges	Magnesium	IS:3818, ASTM E1251
450.	Continuous (Piano) hinges	Manganese	IS:3818, IS:504(P-5)
451.	Continuous (Piano) hinges	Manganese	IS:3818, ASTM E1251
452.	Continuous (Piano) hinges	Nickel	IS:3818, IS:504(P-7)
453.	Continuous (Piano) hinges	Nickel	IS:3818, ASTM E1251
454.	Continuous (Piano) hinges	Lead	IS:3818, IS:504(P-1)

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	Metals & Alloys		
455.	Continuous (Piano) hinges	Lead	IS:3818, ASTM E1251
456.	Continuous (Piano) hinges	Antimony	IS:3818, IS:504(P-10)
457.	Continuous (Piano) hinges	Antimony	IS:3818, ASTM E1251
458.	Continuous (Piano) hinges	Silicon	IS:3818, IS:504(P-1)
459.	Continuous (Piano) hinges	Silicon	IS:3818, ASTM E1251
460.	Continuous (Piano) hinges	Tin	IS:3818, IS:504(P-9)
461.	Continuous (Piano) hinges	Tin	IS:3818, ASTM E1251
462.	Continuous (Piano) hinges	Titanium	IS:3818, IS:504(P-11)
463.	Continuous (Piano) hinges	Titanium	IS:3818, ASTM E1251
464.	Continuous (Piano) hinges	Vanadium	IS:3818, IS:504(P-12)
465.	Continuous (Piano) hinges	Vanadium	IS:3818, ASTM E1251
466.	Continuous (Piano) hinges	Zinc	IS:3818, IS:504(P-5)
467.	Continuous (Piano) hinges	Zinc	IS:3818, ASTM E1251
468.	Continuous (Piano) hinges	Zirconium	IS:3818, ASTM E1251
469.	Steel back flap hinges	Aluminium	IS:3843, ASTM E415
470.	Steel back flap hinges	Carbon	IS:3843, ASTM E415

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
471.	Steel back flap hinges	Carbon	IS:3843, IS:228(P-1)
472.	Steel back flap hinges	Chromium	IS:3843, ASTM E415
473.	Steel back flap hinges	Chromium	IS:3843, IS:228(P-6)
474.	Steel back flap hinges	Copper	IS:3843, ASTM E415
475.	Steel back flap hinges	Manganese	IS:3843, ASTM E415
476.	Steel back flap hinges	Manganese	IS:3843, IS:228(P-2)
477.	Steel back flap hinges	Molybdenum	IS:3843, ASTM E415
478.	Steel back flap hinges	Molybdenum	IS:3843, IS:228(P-7)
479.	Steel back flap hinges	Phosphorus	IS:3843, ASTM E415
480.	Steel back flap hinges	Phosphorus	IS:3843, IS:228(P-3)
481.	Steel back flap hinges	Sulphur	IS:3843, ASTM E415
482.	Steel back flap hinges	Sulphur	IS:3843, IS:228(P-9)
483.	Steel back flap hinges	Silicon	IS:3843, ASTM E415
484.	Steel back flap hinges	Silicon	IS:3843, IS:228(P-8)
485.	Steel back flap hinges	Vanadium	IS:3843, ASTM E415
486.	Steel back flap hinges	Finish	IS:3843

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
487.	Aluminium Ingots Billets And Wire Bars Ec Grade	Boron	IS:4026, ASTM E1251
488.		Berellium	IS:4026, ASTM E1251
489.		Cadmium	IS:4026, ASTM E1251
490.		Cobalt	IS:4026, IS:ASTM E1251
491.		Chromium	IS:4026,IS:504(P-8)
492.		Chromium	IS:4026,ASTM E1251
493.		Copper	IS:4026, IS:504(P-3)
494.		Copper	IS:4026,ASTM E1251
495.		Iron	IS:4026, IS:504(P-2)
496.		Iron	IS:4026,ASTM E1251
497.		Magnesium	IS:4026, IS:504(P-6)
498.		Magnesium	IS:4026,ASTM E1251
499.		Manganese	IS:4026, IS:504(P-5)

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
500.	Aluminium Ingots Billets And Wire Bars Ec Grade	Manganese	IS:4026,ASTM E1251
501.		Nickel	IS:4026, IS:504(P-7)
502.		Nickel	IS:4026,ASTM E1251
503.		Lead	IS:4026, IS:504(P-1)
504.		Lead	IS:4026,ASTM E1251
505.		Antimony	IS:4026, IS:504(P-10)
506.		Antimony	IS:4026,ASTM E1251
507.		Silicon	IS:4026, IS:504(P-1)
508.		Silicon	IS:4026,ASTM E1251
509.		Tin	IS:4026, IS:504(P-9)
510.		Tin	IS:4026,ASTM E1251
511.		Titanium	IS:4026, IS:504(P-11)
512.		Titanium	IS:4026,ASTM E1251
513.		Vanadium	IS:4026, IS:504(P-12)
514.		Vanadium	IS:4026,ASTM E1251
515.		Zinc	IS:4026, IS:504(P-5)
516.		Zinc	IS:4026,ASTM E1251
517.		Zirconium	IS:4026,ASTM E1251

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
518.	Specification for indicating bolts for use in public baths and lavatories	Boron	IS:4621, ASTM E1251
519.		Berellium	IS:4621, ASTM E1251
520.		Cadmium	IS:4621, ASTM E1251
521.		Cobalt	IS:4621, IS:ASTM E1251
522.		Chromium	IS:4621, IS:504(P-8)
523.		Chromium	IS:4621, ASTM E1251
524.		Copper	IS:4621, IS:504(P-3)
525.		Copper	IS:4621, ASTM E1251
526.		Iron	IS:4621, IS:504(P-2)
527.		Iron	IS:4621, ASTM E1251
528.		Magnesium	IS:4621, IS:504(P-6)
529.		Magnesium	IS:4621, ASTM E1251
530.		Manganese	IS:4621, IS:504(P-5)
531.		Manganese	IS:4621, ASTM E1251
532.		Nickel	IS:4621, IS:504(P-7)
533.		Nickel	IS:4621, ASTM E1251

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
534.		Lead	IS:4621, IS:504(P-1)
535.		Lead	IS:4621, ASTM E1251
536.		Antimony	IS:4621, IS:504(P-10)
537.		Antimony	IS:4621, ASTM E1251
538.		Silicon	IS:4621, IS:504(P-1)
539.		Silicon	IS:4621, ASTM E1251
540.	Specification for indicating bolts for use in public baths and lavatories	Tin	IS:4621, IS:504(P-9)
541.		Tin	IS:4621, ASTM E1251
542.		Titanium	IS:4621, IS:504(P-11)
543.		Titanium	IS:4621, ASTM E1251
544.		Vanadium	IS:4621, IS:504(P-12)
545.		Vanadium	IS:4621, ASTM E1251
546.		Zinc	IS:4621, IS:504(P-5)
547.	Specification for indicating bolts for use in public baths and lavatories	Zinc	IS:4621, ASTM E1251

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
548.	Specification for indicating bolts for use in public baths and lavatories	Zirconium	IS:4621,ASTM E1251
549.	Specification for indicating bolts for use in public baths and lavatories	Silver	IS:4624,BS EN 15079
550.	Specification for indicating bolts for use in public baths and lavatories	Aluminium	IS:4624,BS EN 15079
551.	Specification for indicating bolts for use in public baths and lavatories	Arsenic	IS:4624,IS:440
552.	Specification for indicating bolts for use in public baths and lavatories	Arsenic	IS:4624,BS EN15079
553.	Specification for indicating bolts for use in public baths and lavatories	Bismuth	IS:4624,IS:440
554.	Specification for indicating bolts for use in public baths and lavatories	Bismuth	IS:4624,BS EN 15079

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
555.	Specification for indicating bolts for use in public baths and lavatories	Iron	IS:4624, BS EN 15079
556.	Specification for indicating bolts for use in public baths and lavatories	Iron	IS:4624, IS:440
557.	Specification for indicating bolts for use in public baths and lavatories	Manganese	IS:4624, BS EN 15079
558.	Specification for indicating bolts for use in public baths and lavatories	Nickel	IS:4624, IS:440
559.	Specification for indicating bolts for use in public baths and lavatories	Nickel	IS:4624, BS EN 15079
560.	Specification for indicating bolts for use in public baths and lavatories	Phosphorus	IS:4624, IS:440
561.	Specification for indicating bolts for use in public baths and lavatories	Phosphorus	IS:4624, BS EN 15079

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
562.	Specification for indicating bolts for use in public baths and lavatories	Lead	IS:4624,IS:440
563.	Specification for indicating bolts for use in public baths and lavatories	Lead	IS:4624,BS EN 15079
564.	Specification for indicating bolts for use in public baths and lavatories	Sulphur	IS:4624,BS EN 15079
565.	Specification for indicating bolts for use in public baths and lavatories	Antimony	IS:4624,IS:440
566.	Specification for indicating bolts for use in public baths and lavatories	Antimony	IS:4624,BS EN 15079
567.	Specification for indicating bolts for use in public baths and lavatories	Tin	IS:4624,IS:440
568.	Specification for indicating bolts for use in public baths and lavatories	Tin	IS:4624,BS EN 15079

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
569.	Specification for indicating bolts for use in public baths and lavatories	Zinc	IS:4624, BS EN 15079
570.	Specification for indicating bolts for use in public baths and lavatories	Copper	IS:4624, IS:440
571.	Door Handles for Mortice Locks-Specification	Corrosion Resistance	IS:4992, IS:9844
572.	Wrought Aluminium and Aluminium Alloys for Manufacture of Utensils	Boron	IS:21, ASTM E1251
573.	Wrought Aluminium and Aluminium Alloys for Manufacture of Utensils	Berellium	IS:21, ASTM E1251
574.	Wrought Aluminium and Aluminium Alloys for Manufacture of Utensils	Cadmium	IS:21, ASTM E1251
575.	Wrought Aluminium and Aluminium Alloys for Manufacture of Utensils	Cobalt	IS:21, IS:ASTM E1251
576.	Wrought Aluminium and Aluminium Alloys for Manufacture of Utensils	Chromium	IS:21, IS:504(P-8)

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
577.	Wrought Aluminium and Aluminium Alloys for Manufacture of Utensils	Chromium	IS:21, ASTM E1251
578.	Wrought Aluminium and Aluminium Alloys for Manufacture of Utensils	Copper	IS:21, IS:504(P-3)
579.	Wrought Aluminium and Aluminium Alloys for Manufacture of Utensils	Copper	IS:21, ASTM E1251
580.	Wrought Aluminium and Aluminium Alloys for Manufacture of Utensils	Iron	IS:21, IS:504(P-2)
581.	Wrought Aluminium and Aluminium Alloys for Manufacture of Utensils	Iron	IS:21, ASTM E1251
582.	Wrought Aluminium and Aluminium Alloys for Manufacture of Utensils	Magnesium	IS:21, IS:504(P-6)
583.	Wrought Aluminium and Aluminium Alloys for Manufacture of Utensils	Magnesium	IS:21, ASTM E1251

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
584.	Wrought Aluminium and Aluminium Alloys for Manufacture of Utensils	Manganese	IS:21, IS:504(P-5)
585.	Wrought Aluminium and Aluminium Alloys for Manufacture of Utensils	Manganese	IS:21, ASTM E1251
586.	Wrought Aluminium and Aluminium Alloys for Manufacture of Utensils	Nickel	IS:21, IS:504(P-7)
587.	Wrought Aluminium and Aluminium Alloys for Manufacture of Utensils	Nickel	IS:21, ASTM E1251
588.	Wrought Aluminium and Aluminium Alloys for Manufacture of Utensils	Lead	IS:21, IS:504(P-1)
589.	Wrought Aluminium and Aluminium Alloys for Manufacture of Utensils	Lead	IS:21, ASTM E1251
590.	Wrought Aluminium and Aluminium Alloys for Manufacture of Utensils	Antimony	IS:21, IS:504(P-10)

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
591.	Wrought Aluminium and Aluminium Alloys for Manufacture of Utensils	Antimony	IS:21, ASTM E1251
592.	Wrought Aluminium and Aluminium Alloys for Manufacture of Utensils	Silicon	IS:21, IS:504(P-1)
593.	Wrought Aluminium and Aluminium Alloys for Manufacture of Utensils	Silicon	IS:21, ASTM E1251
594.	Wrought Aluminium and Aluminium Alloys for Manufacture of Utensils	Tin	IS:21, IS:504(P-9)
595.	Wrought Aluminium and Aluminium Alloys for Manufacture of Utensils	Tin	IS:21, ASTM E1251
596.	Wrought Aluminium and Aluminium Alloys for Manufacture of Utensils	Titanium	IS:21, IS:504(P-11)
597.	Wrought Aluminium and Aluminium Alloys for Manufacture of Utensils	Titanium	IS:21, ASTM E1251

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
598.	Wrought Aluminium and Aluminium Alloys for Manufacture of Utensils	Vanadium	IS:21, IS:504(P-12)
599.	Wrought Aluminium and Aluminium Alloys for Manufacture of Utensils	Vanadium	IS:21, ASTM E1251
600.	Wrought Aluminium and Aluminium Alloys for Manufacture of Utensils	Zinc	IS:21, IS:504(P-5)
601.	Wrought Aluminium and Aluminium Alloys for Manufacture of Utensils	Zinc	IS:21, ASTM E1251
602.	Wrought Aluminium and Aluminium Alloys for Manufacture of Utensils	Zirconium	IS:21, ASTM E1251
603.	Specification For Flush Bolts	Boron	IS:5187, ASTM E1251
604.	Specification For Flush Bolts	Berellium	IS:5187, ASTM E1251
605.	Specification For Flush Bolts	Cadmium	IS:5187, ASTM E1251
606.	Specification For Flush Bolts	Cobalt	IS:5187, IS:ASTM E1251
607.	Specification For Flush Bolts	Chromium	IS:5187, IS:504(P-8)

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
608.	Specification For Flush Bolts	Chromium	IS:5187, ASTM E1251
609.	Specification For Flush Bolts	Copper	IS:5187, IS:504(P-3)
610.	Specification For Flush Bolts	Copper	IS:5187, ASTM E1251
611.	Specification For Flush Bolts	Iron	IS:5187, IS:504(P-2)
612.	Specification For Flush Bolts	Iron	IS:5187, ASTM E1251
613.	Specification For Flush Bolts	Magnesium	IS:5187, IS:504(P-6)
614.	Specification For Flush Bolts	Magnesium	IS:5187, ASTM E1251
615.	Specification For Flush Bolts	Manganese	IS:5187, IS:504(P-5)
616.	Specification For Flush Bolts	Manganese	IS:5187, ASTM E1251
617.	Specification For Flush Bolts	Nickel	IS:5187, IS:504(P-7)
618.	Specification For Flush Bolts	Nickel	IS:5187, ASTM E1251
619.	Specification For Flush Bolts	Lead	IS:5187, IS:504(P-1)
620.	Specification For Flush Bolts	Lead	IS:5187, ASTM E1251
621.	Specification For Flush Bolts	Antimony	IS:5187, IS:504(P-10)
622.	Specification For Flush Bolts	Antimony	IS:5187, ASTM E1251
623.	Specification For Flush Bolts	Silicon	IS:5187, IS:504(P-1)

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
624.	Specification For Flush Bolts	Silicon	IS:5187, ASTM E1251
625.	Specification For Flush Bolts	Tin	IS:5187, IS:504(P-9)
626.	Specification For Flush Bolts	Tin	IS:5187, ASTM E1251
627.	Specification For Flush Bolts	Titanium	IS:5187, IS:504(P-11)
628.	Specification For Flush Bolts	Titanium	IS:5187, ASTM E1251
629.	Specification For Flush Bolts	Vanadium	IS:5187, IS:504(P-12)
630.	Specification For Flush Bolts	Vanadium	IS:5187, ASTM E1251
631.	Specification For Flush Bolts	Zinc	IS:736, IS:504(P-5)
632.	Specification For Flush Bolts	Zinc	IS:736, ASTM E1251
633.	Specification For Flush Bolts	Zirconium	IS:736, ASTM E1251
634.	Specification For Flush Bolts	Silver	IS:5187, BS EN 15079
635.	Specification For Flush Bolts	Aluminium	IS:5187, BS EN 15079
636.	Specification For Flush Bolts	Arsenic	IS:5187, IS:440
637.	Specification For Flush Bolts	Arsenic	IS:5187, BS EN 15079
638.	Specification For Flush Bolts	Bismuth	IS:5187, IS:440
639.	Specification For Flush Bolts	Bismuth	IS:5187, BS EN 15079

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	Metals & Alloys		
640.	Specification For Flush Bolts	Iron	IS:5187,BS EN 15079
641.	Specification For Flush Bolts	Iron	IS:5187,IS:440
642.	Specification For Flush Bolts	Manganese	IS:5187,BS EN 15079
643.	Specification For Flush Bolts	Nickel	IS:5187,IS:440
644.	Specification For Flush Bolts	Nickel	IS:5187,BS EN 15079
645.	Specification For Flush Bolts	Phosphorus	IS:5187,IS:440
646.	Specification For Flush Bolts	Phosphorus	IS:5187,BS EN 15079
647.	Specification For Flush Bolts	Lead	IS:5187,IS:440
648.	Specification For Flush Bolts	Lead	IS:5187,BS EN 15079
649.	Specification For Flush Bolts	Sulphur	IS:5187,BS EN 15079
650.	Specification For Flush Bolts	Antimony	IS:5187,IS:440
651.	Specification For Flush Bolts	Antimony	IS:5187,BS EN 15079
652.	Specification For Flush Bolts	Tin	IS:5187,IS:440
653.	Specification For Flush Bolts	Tin	IS:5187,BS EN 15079
654.	Specification For Flush Bolts	Zinc	IS:5187,BS EN 15079
655.	Specification For Flush Bolts	Copper	IS:5187,IS:440

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
656.	Specification For Flush Bolts	Aluminium	IS:5187, ASTM E415
657.	Specification For Flush Bolts	Carbon	IS:5187, ASTM E415
658.	Specification For Flush Bolts	Carbon	IS:5187, IS:228(P-1)
659.	Specification For Flush Bolts	Chromium	IS:5187, ASTM E415
660.	Specification For Flush Bolts	Chromium	IS:5187, IS:228(P-6)
661.	Specification For Flush Bolts	Copper	IS:5187, ASTM E415
662.	Specification For Flush Bolts	Manganese	IS:5187, ASTM E415
663.	Specification For Flush Bolts	Manganese	IS:5187, IS:228(P-2)
664.	Specification For Flush Bolts	Molybdenum	IS:5187, ASTM E415
665.	Specification For Flush Bolts	Molybdenum	IS:5187, IS:228(P-7)
666.	Specification For Flush Bolts	Phosphorus	IS:5187, ASTM E415
667.	Specification For Flush Bolts	Phosphorus	IS:5187, IS:228(P-3)
668.	Specification For Flush Bolts	Sulphur	IS:5187, ASTM E415
669.	Specification For Flush Bolts	Sulphur	IS:5187, IS:228(P-9)
670.	Specification For Flush Bolts	Silicon	IS:5187, ASTM E415
671.	Specification For Flush Bolts	Silicon	IS:5187, IS:228(P-8)

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
672.	Specification For Flush Bolts	Vanadium	IS:5187, ASTM E415
673.	Specification For Flush Bolts	Finish	IS:5187
674.	Stainless Steel Sheets and Strips for Utensils Specification	Aluminium	IS:5522, JIS G 1253
675.		Boron	IS:5522, JIS G 1253
676.		Carbon	IS:5522, ASTM E1086 JIS G 1253
677.		Carbon	IS:5522, IS:228(P-1)
678.		Cobalt	IS:5522, ASTM E1086 JIS G 1253
679.		Chromium	IS:5522, JIS G 1253
680.		Chromium	IS:5522, IS:228(P-6)
681.		Copper	IS:5522, ASTM E 1086, JIS G 1253
682.		Manganese	IS:5522, ASTM E 1086, JIS G 1253
683.		Manganese	IS:5522, IS:228(P-12)
684.		Molybdenum	IS:5522, ASTM E 1086, JIS G 1253
685.		Molybdenum	IS:5522, IS:228(P-10)
686.		Nitrogen	IS:5522, JIS G 1253
687.		Nitrogen	IS:5522, IS:228(P-19)

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
688.	Stainless Steel Sheets and Strips for Utensils Specification	Niobium	IS:5522, JIS G 1253
689.		Nickel	IS:5522, ASTM E 1086 JIS G 1253
690.		Nickel	IS:5522, IS:228(P-5)
691.		Phosphorus	IS:5522, ASTM E 1086 JIS G 1253
692.		Phosphorus	IS:5522, IS:228(P-3)
693.		Sulphur	IS:5522, ASTM E 1086 JIS G 1253
694.		Sulphur	IS:5522, IS:228(P-9)
695.		Silicon	IS:5522, ASTM E 1086 JIS G 1253
696.		Silicon	IS:5522, IS:228(P-8)
697.		Tin	IS:5522, JIS G 1253
698.		Titanium	IS:5522, JIS G 1253
699.		Vanadium	IS:5522, JIS G 1253
700.		Tungsten	IS:5522, JIS G 1253
701.		Zirconium	IS:5522, JIS G 1253
702.	Floor springs (hydraulically regulated) for heavy doors	Aluminium	IS:6315, JIS G 1253
703.		Boron	IS:6315, JIS G 1253

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
704.		Carbon	IS:6315, ASTM E1086 JIS G 1253
705.		Carbon	IS:6315, IS:228(P-1)
706.		Cobalt	IS:6315, ASTM E1086 JIS G 1253
707.		Chromium	IS:6315, JIS G 1253
708.		Chromium	IS:6315, IS:228(P-6)
709.		Copper	IS:6315, ASTM E 1086, JIS G 1253
710.		Manganese	IS:6315, ASTM E 1086, JIS G 1253
711.		Manganese	IS:6315, IS:228(P-12)
712.		Molybdenum	IS:6315, ASTM E 1086, JIS G 1253
713.		Molybdenum	IS:6315, IS:228(P-10)
714.		Nitrogen	IS:6315, JIS G 1253
715.		Nitrogen	IS:6315, IS:228(P-19)
716.		Niobium	IS:6315, JIS G 1253
717.	Floor springs (hydraulically regulated) for heavy doors	Nickel	IS:6315, ASTM E 1086 JIS G 1253
718.		Nickel	IS:6315, IS:228(P-5)
719.		Phosphorus	IS:6315, ASTM E 1086 JIS G 1253

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
720.		Phosphorus	IS:6315, IS:228(P-3)
721.		Sulphur	IS:6315, ASTM E 1086 JIS G 1253
722.		Sulphur	IS:6315, IS:228(P-9)
723.		Silicon	IS:6315, ASTM E 1086 JIS G 1253
724.		Silicon	IS:6315, IS:228(P-8)
725.		Tin	IS:6315, JIS G 1253
726.		Titanium	IS:6315, JIS G 1253
727.		Vanadium	IS:6315, JIS G 1253
728.		Tungsten	IS:6315, JIS G 1253
729.		Zirconium	IS:6315, JIS G 1253
730.		Finish	IS:6315, IS:3618
731.		Aluminium	IS:6315, ASTM E415
732.		Cabon	IS:6315, ASTM E415
733.		Cabon	IS:6315, IS:228(P-1)
734.		Chromium	IS:6315, ASTM E415
735.		Chromium	IS:6315, IS:228(P-6)

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
736.		Copper	IS:6315, ASTM E415
737.		Manganese	IS:6315, ASTM E415
738.		Manganese	IS:6315, IS:228(P-2)
739.		Molybdenum	IS:6315, ASTM E415
740.		Molybdenum	IS:6315, IS:228(P-7)
741.		Phosphorus	IS:6315, ASTM E415
742.		Phosphorus	IS:6315, IS:228(P-3)
743.		Sulphur	IS:6315, ASTM E415
744.	Floor springs (hydraulically regulated) for heavy doors	Sulphur	IS:6315, IS:228(P-9)
745.		Silicon	IS:6315, ASTM E415
746.		Silicon	IS:6315, IS:228(P-8)
747.		Vanadium	IS:6315, ASTM E415
748.		Finish	IS:6315, IS:3618
749.		Silver	IS:6315, BS EN 15079
750.		Aluminium	IS:6315, BS EN 15079
751.		Arsenic	IS:6315, IS:440

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
752.		Arsenic	IS:6315,BS EN 15079
753.		Bismuth	IS:6315,IS:440
754.		Bismuth	IS:6315,BS EN 15079
755.		Iron	IS:6315,BS EN 15079
756.		Iron	IS:6315,IS:440
757.		Manganese	IS:6315,BS EN 15079
758.		Nickel	IS:6315,IS:440
759.		Nickel	IS:6315,BS EN 15079
760.	Floor springs (hydraulically regulated) for heavy doors	Phosphorus	IS:6315,IS:440
761.		Phosphorus	IS:6315,BS EN 15079
762.		Lead	IS:6315,IS:440
763.		Lead	IS:6315,BS EN 15079
764.		Sulphur	IS:6315,BS EN 15079
765.		Antimony	IS:6315,IS:440
766.		Antimony	IS:6315,BS EN 15079
767.		Tin	IS:6315,IS:440

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
768.		Tin	IS:6315, BS EN 15079
769.		Zinc	IS:6315, BS EN 15079
770.		Copper	IS:6315, IS:440
771.		Finish	IS:6315, IS:3618
772.		Boron	IS:6315, ASTM E1251
773.		Berellium	IS:6315, ASTM E1251
774.		Cadmium	IS:6315, ASTM E1251
775.		Cobalt	IS:6315, IS:ASTM E1251
776.		Chromium	IS:6315, IS:504(P-8)
777.		Chromium	IS:6315, ASTM E1251
778.		Copper	IS:6315, IS:504(P-3)
779.		Copper	IS:6315, ASTM E1251
780.		Iron	IS:6315, IS:504(P-2)
781.	Floor springs (hydraulically regulated) for heavy doors	Iron	IS:6315, ASTM E1251
782.		Magnesium	IS:6315, IS:504(P-6)
783.		Magnesium	IS:6315, ASTM E1251

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
784.		Manganese	IS:6315, IS:504(P-5)
785.		Manganese	IS:6315, ASTM E1251
786.		Nickel	IS:6315, IS:504(P-7)
787.		Nickel	IS:6315, ASTM E1251
788.		Lead	IS:6315, IS:504(P-1)
789.		Lead	IS:6315, ASTM E1251
790.		Antimony	IS:6315, IS:504(P-10)
791.		Antimony	IS:6315, ASTM E1251
792.		Silicon	IS:6315, IS:504(P-1)
793.		Silicon	IS:6315, ASTM E1251
794.		Tin	IS:6315, IS:504(P-9)
795.		Tin	IS:6315, ASTM E1251
796.		Titanium	IS:6315, IS:504(P-11)
797.		Titanium	IS:6315, ASTM E1251
798.		Vanadium	IS:6315, IS:504(P-12)
799.		Vanadium	IS:6315, ASTM E1251

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
800.		Zinc	IS:6315, IS:504(P-5)
801.		Zinc	IS:6315, ASTM E1251
802.		Zirconium	IS:6315, ASTM E1251
803.		Finish	IS:6315, IS:3618
804.		Aluminium	IS:6315, ASTM E 1999
805.		Boron	IS:6315, ASTM E 1999
806.		Carbon	IS:6315, ASTM E 1999
807.		Carbon	IS:6315, IS:12308(P-11)
808.	Floor springs (hydraulically regulated) for heavy doors	Cobalt	IS:6315, ASTM E 1999
809.		Chromium	IS:6315, ASTM E 1999
810.		Chromium	IS:6315, IS:12308(P-8)
811.		Copper	IS:6315, ASTM E 1999
812.		Magnesium	IS:6315, ASTM E 1999
813.		Manganese	IS:6315, ASTM E 1999
814.		Manganese	IS:6315, IS:12308(P-10)
815.		Molybdenum	IS:6315, ASTM E 1999

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
816.		Molybdenum	IS:6315, IS:12308(P-9)
817.		Nickel	IS:6315, ASTM E 1999
818.		Nickel	IS:6315, IS:12308(P-7)
819.		Phosphorus	IS:6315, ASTM E 1999
820.		Phosphorus	IS:6315, IS:12308(P-5)
821.		Sulphur	IS:6315, ASTM E 1999
822.		Silicon	IS:6315, ASTM E 1999
823.		Silicon	IS:6315, IS:12308(P-6)
824.		Tin	IS:6315, ASTM E 1999
825.	Floor springs (hydraulically regulated) for heavy doors	Titanium	IS:6315, ASTM E 1999
826.		Vanadium	IS:6315, ASTM E 1999
827.		Finish	IS:6315, IS:3618
828.	Specification for Door Closers (Pneumatically Regulated) for Light Doors Weighing up to 40 kg	Aluminium	IS:6343, JIS G 1253
829.		Boron	IS:6343, JIS G 1253
830.		Carbon	IS:6343, ASTM E1086 JIS G 1253
831.		Carbon	IS:6343, IS:228(P-1)

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
832.		Cobalt	IS:6343, ASTM E1086 JIS G 1253
833.		Chromium	IS:6343, JIS G 1253
834.		Chromium	IS:6343, IS:228(P-6)
835.		Copper	IS:6343, ASTM E 1086, JIS G 1253
836.		Manganese	IS:6343, ASTM E 1086, JIS G 1253
837.		Manganese	IS:6343, IS:228(P-12)
838.		Molybdenum	IS:6343, ASTM E 1086, JIS G 1253
839.		Molybdenum	IS:6343, IS:228(P-10)
840.		Nitrogen	IS:6343, JIS G 1253
841.		Nitrogen	IS:6343, IS:228(P-19)
842.		Niobium	IS:6343, JIS G 1253
843.		Nickel	IS:6343, ASTM E 1086 JIS G 1253
844.		Nickel	IS:6343, IS:228(P-5)
845.	Specification for Door Closers (Pneumatically Regulated) for Light Doors Weighing up to 40 kg	Phosphorus	IS:6343, ASTM E 1086 JIS G 1253
846.		Phosphorus	IS:6343, IS:228(P-3)
847.		Sulphur	IS:6343, ASTM E 1086 JIS G 1253

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	Metals & Alloys		
848.		Sulphur	IS:6343, IS:228(P-9)
849.		Silicon	IS:6343, ASTM E 1086 JIS G 1253
850.		Silicon	IS:6343, IS:228(P-8)
851.		Tin	IS:6343, JIS G 1253
852.		Titanium	IS:6343, JIS G 1253
853.		Vanadium	IS:6343, JIS G 1253
854.		Tungsten	IS:6343, JIS G 1253
855.		Zirconium	IS:6343, JIS G 1253
856.		Finish	IS:6343, IS:3618
857.		Aluminium	IS:6343, ASTM E415
858.		Carbon	IS:6343, ASTM E415
859.		Carbon	IS:6343, IS:228(P-1)
860.		Chromium	IS:6343, ASTM E415
861.		Chromium	IS:6343, IS:228(P-6)
862.		Copper	IS:6343, ASTM E415
863.		Manganese	IS:6343, ASTM E415

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	Metals & Alloys		
864.		Manganese	IS:6343, IS:228(P-2)
865.		Molybdenum	IS:6343, ASTM E415
866.		Molybdenum	IS:6343, IS:228(P-7)
867.	Specification for Door Closers (Pneumatically Regulated) for Light Doors Weighing up to 40 kg	Phosphorus	IS:6343, ASTM E415
868.		Phosphorus	IS:6343, IS:228(P-3)
869.		Sulphur	IS:6343, ASTM E415
870.		Sulphur	IS:6343, IS:228(P-9)
871.		Silicon	IS:6343, ASTM E415
872.		Silicon	IS:6343, IS:228(P-8)
873.		Vanadium	IS:6343, ASTM E415
874.		Finish	IS:6343, IS:3615
875.		Boron	IS:6343, ASTM E1251
876.		Berellium	IS:6343, ASTM E1251
877.		Cadmium	IS:6343, ASTM E1251
878.		Cobalt	IS:6343, IS:ASTM E1251
879.		Chromium	IS:6343, IS:504(P-8)

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	Metals & Alloys		
880.		Chromium	IS:6343, ASTM E1251
881.		Copper	IS:6343, IS:504(P-3)
882.		Copper	IS:6343, ASTM E1251
883.		Iron	IS:6343, IS:504(P-2)
884.		Iron	IS:6343, ASTM E1251
885.		Magnesium	IS:6343, IS:504(P-6)
886.		Magnesium	IS:6343, ASTM E1251
887.		Manganese	IS:6343, IS:504(P-5)
888.		Manganese	IS:6343, ASTM E1251
889.		Nickel	IS:6343, IS:504(P-7)
890.	Specification for Door Closers (Pneumatically Regulated) for Light Doors Weighing up to 40 kg	Nickel	IS:6343, ASTM E1251
891.		Lead	IS:6343, IS:504(P-1)
892.		Lead	IS:6343, ASTM E1251
893.		Antimony	IS:6343, IS:504(P-10)
894.		Antimony	IS:6343, ASTM E1251
895.		Silicon	IS:6343, IS:504(P-1)

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	Metals & Alloys		
896.		Silicon	IS:6343, ASTM E1251
897.		Tin	IS:6343, IS:504(P-9)
898.		Tin	IS:6343, ASTM E1251
899.		Titanium	IS:6343, IS:504(P-11)
900.		Titanium	IS:6343, ASTM E1251
901.		Vanadium	IS:6343, IS:504(P-12)
902.		Vanadium	IS:6343, ASTM E1251
903.		Zinc	IS:6343, IS:504(P-5)
904.		Zinc	IS:6343, ASTM E1251
905.		Zirconium	IS:6343, ASTM E1251
906.		Finish	IS:6343, IS:3618
907.		Aluminium	IS:6343, ASTM E 1999
908.		Boron	IS:6343, ASTM E 1999
909.		Carbon	IS:6343, ASTM E 1999
910.	Specification for Door Closers	Carbon	IS:6343, IS:12308(P-11)
911.	(Pneumatically Regulated) for	Cobalt	IS:6343, ASTM E 1999

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Chemical Testing

Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
912.	Light Doors Weighing up to 40 kg	Chromium	IS:6343,ASTM E 1999
913.		Chromium	IS:6343,IS:12308(P-8)
914.		Copper	IS:6343,ASTM E 1999
915.		Magnesium	IS:6343,ASTM E 1999
916.		Manganese	IS:6343,ASTM E 1999
917.		Manganese	IS:6343, IS:12308(P-10)
918.		Molybdenum	IS:6343,ASTM E 1999
919.		Molybdenum	IS:6343, IS:12308(P-9)
920.		Nickel	IS:6343,ASTM E 1999
921.		Nickel	IS:6343, IS:12308(P-7)
922.		Phosphorus	IS:6343,ASTM E 1999
923.		Phosphorus	IS:6343,IS:12308(P-5)
924.		Sulphur	IS:6343,ASTM E 1999
925.		Silicon	IS:6343,ASTM E 1999
926.		Silicon	IS:6343,IS:12308(P-6)
927.		Tin	IS:6343,ASTM E 1999

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
928.		Titanium	IS:6343, ASTM E 1999
929.		Vanadium	IS:6343, ASTM E 1999
930.		Finish	IS:6343, IS:3618
931.	High Strength Structural Nuts	Mass of coating	IS:6623, IS:1367
932.	High Strength Structural Nuts	Uniformity of coating	IS:6623, IS:1367
933.	High Strength Structural Nuts	Adhesion	IS:6623, IS:1367
934.	High Strength Structural Nuts	Appearance and defects	IS:6623, IS:1367
935.	Specification for Hardened and Tempered Washers for High Strength Structural Bolts and Nuts	Mass of coating	IS:6623, IS:1367
936.		Uniformity of coating	IS:6623, IS:1367
937.		Adhesion	IS:6623, IS:1367
938.		Appearance and defects	IS:6623, IS:1367
939.		Aluminium	IS:6649, ASTM E415
940.		Cabon	IS:6649, ASTM E415
941.		Cabon	IS:6649, IS:228(P-1)
942.		Chromium	IS:6649, ASTM E415
943.		Chromium	IS:6649, IS:228(P-6)

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
944.		Copper	IS:6649, ASTM E415
945.		Manganese	IS:6649, ASTM E415
946.		Manganese	IS:6649, IS:228(P-2)
947.		Molybdenum	IS:6649, ASTM E415
948.		Molybdenum	IS:6649, IS:228(P-7)
949.		Phosphorus	IS:6649, ASTM E415
950.		Phosphorus	IS:6649, IS:228(P-3)
951.		Sulphur	IS:6649, ASTM E415
952.	Specification for Hardened and Tempered Washers for High Strength Structural Bolts and Nuts	Sulphur	IS:6649, IS:228(P-9)
953.		Silicon	IS:6649, ASTM E415
954.		Silicon	IS:6649, IS:228(P-8)
955.		Vanadium	IS:6649, ASTM E415
956.		Finish	IS:6649
957.	Wrought Aluminium and Aluminium Alloys for Manufacture of Utensils	Boron	IS:5082, ASTM E1251
958.		Berellium	IS:5082, ASTM E1251
959.		Cadmium	IS:5082, ASTM E1251

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
960.		Cobalt	IS:5082, IS:ASTM E1251
961.		Chromium	IS:5082, IS:504(P-8)
962.		Chromium	IS:5082, ASTM E1251
963.		Copper	IS:5082, IS:504(P-3)
964.		Copper	IS:5082, ASTM E1251
965.		Iron	IS:5082, IS:504(P-2)
966.		Iron	IS:5082, ASTM E1251
967.		Magnesium	IS:5082, IS:504(P-6)
968.		Magnesium	IS:5082, ASTM E1251
969.		Manganese	IS:5082, IS:504(P-5)
970.		Manganese	IS:5082, ASTM E1251
971.	Wrought Aluminium and Aluminium Alloys for Manufacture of Utensils	Nickel	IS:5082, IS:504(P-7)
972.		Nickel	IS:5082, ASTM E1251
973.		Lead	IS:5082, IS:504(P-1)
974.		Lead	IS:5082, ASTM E1251
975.		Antimony	IS:5082, IS:504(P-10)

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
976.		Antimony	IS:5082, ASTM E1251
977.		Silicon	IS:5082, IS:504(P-1)
978.		Silicon	IS:5082, ASTM E1251
979.		Tin	IS:5082, IS:504(P-9)
980.		Tin	IS:5082, ASTM E1251
981.		Titanium	IS:5082, IS:504(P-11)
982.		Titanium	IS:5082, ASTM E1251
983.		Vanadium	IS:5082, IS:504(P-12)
984.		Vanadium	IS:5082, ASTM E1251
985.		Zinc	IS:5082, IS:504(P-5)
986.		Zinc	IS:5082, ASTM E1251
987.		Zirconium	IS:5082, ASTM E1251
988.	Grey Iron Castings	Aluminium	IS:210, ASTM E 1999
989.	Grey Iron Castings	Boron	IS:210, ASTM E 1999
990.	Grey Iron Castings	Carbon	IS:210, ASTM E 1999
991.	Grey Iron Castings	Carbon	IS:210, IS:12308(P-11)

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	Metals & Alloys		
992.	Grey Iron Castings	Cobalt	IS:210,ASTM E 1999
993.	Grey Iron Castings	Chromium	IS:210,ASTM E 1999
994.	Grey Iron Castings	Chromium	IS:210,IS:12308(P-8)
995.	Grey Iron Castings	Copper	IS:210,ASTM E 1999
996.	Grey Iron Castings	Magnesium	IS:210,ASTM E 1999
997.	Grey Iron Castings	Manganese	IS:210,ASTM E 1999
998.	Grey Iron Castings	Manganese	IS:210, IS:12308(P-10)
999.	Grey Iron Castings	Molybdenum	IS:210,ASTM E 1999
1000.	Grey Iron Castings	Molybdenum	IS:210, IS:12308(P-9)
1001.	Grey Iron Castings	Nickel	IS:210,ASTM E 1999
1002.	Grey Iron Castings	Nickel	IS:210, IS:12308(P-7)
1003.	Grey Iron Castings	Phosphorus	IS:210,ASTM E 1999
1004.	Grey Iron Castings	Phosphorus	IS:210,IS:12308(P-5)
1005.	Grey Iron Castings	Sulphur	IS:210,ASTM E 1999
1006.	Grey Iron Castings	Silicon	IS:210,ASTM E 1999
1007.	Grey Iron Castings	Silicon	IS:210,IS:12308(P-6)

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
1008.	Grey Iron Castings	Tin	IS:210, ASTM E 1999
1009.	Grey Iron Castings	Titanium	IS:210, ASTM E 1999
1010.	Grey Iron Castings	Vanadium	IS:210, ASTM E 1999
1011.	Grey Iron Castings	Finish	IS:210, IS:3618
1012.	Mild Steel Sliding Door Bolts for Use With Padlocks -Specification	Aluminium	IS:281, ASTM E415
1013.		Carbon	IS:281, ASTM E415
1014.		Carbon	IS:281, IS:228(P-1)
1015.		Chromium	IS:281, ASTM E415
1016.		Chromium	IS:281, IS:228(P-6)
1017.		Copper	IS:281, ASTM E415
1018.		Manganese	IS:281, ASTM E415
1019.		Manganese	IS:281, IS:228(P-2)
1020.		Molybdenum	IS:281, ASTM E415
1021.		Molybdenum	IS:281, IS:228(P-7)
1022.		Phosphorus	IS:281, ASTM E415
1023.		Phosphorus	IS:281, IS:228(P-3)

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
1024.		Sulphur	IS:281, ASTM E415
1025.		Sulphur	IS:281, IS:228(P-9)
1026.		Silicon	IS:281, ASTM E415
1027.		Silicon	IS:281, IS:228(P-8)
1028.		Vanadium	IS:281, ASTM E415
1029.		Finish	IS:281, IS:3618
1030.	Parliament Hinges -specification	Aluminium	IS:362, ASTM E415
1031.	Parliament Hinges -specification	Carbon	IS:362, ASTM E415
1032.	Parliament Hinges -specification	Carbon	IS:362, IS:228(P-1)
1033.	Parliament Hinges -specification	Chromium	IS:362, ASTM E415
1034.	Parliament Hinges -specification	Chromium	IS:362, IS:228(P-6)
1035.	Parliament Hinges -specification	Copper	IS:362, ASTM E415
1036.	Parliament Hinges -specification	Manganese	IS:362, ASTM E415
1037.	Parliament Hinges -specification	Manganese	IS:362, IS:228(P-2)
1038.	Parliament Hinges -specification	Molybdenum	IS:362, ASTM E415
1039.	Parliament Hinges -specification	Molybdenum	IS:362, IS:228(P-7)

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
1040.	Parliament Hinges -specification	Phosphorus	IS:362, ASTM E415
1041.	Parliament Hinges -specification	Phosphorus	IS:362, IS:228(P-3)
1042.	Parliament Hinges -specification	Sulphur	IS:362, ASTM E415
1043.	Parliament Hinges -specification	Sulphur	IS:362, IS:228(P-9)
1044.	Parliament Hinges -specification	Silicon	IS:362, ASTM E415
1045.	Parliament Hinges -specification	Silicon	IS:362, IS:228(P-8)
1046.	Parliament Hinges -specification	Vanadium	IS:362, ASTM E415
1047.	Parliament Hinges -specification	Finish	IS:362, IS:3618
1048.	Parliament Hinges -specification	Boron	IS:362, ASTM E1251
1049.	Parliament Hinges -specification	Berellium	IS:362, ASTM E1251
1050.	Parliament Hinges -specification	Cadmium	IS:362, ASTM E1251
1051.	Parliament Hinges -specification	Cobalt	IS:362, IS:ASTM E1251
1052.	Parliament Hinges -specification	Chromium	IS:362, IS:504(P-8)
1053.	Parliament Hinges -specification	Chromium	IS:362, ASTM E1251
1054.	Parliament Hinges -specification	Copper	IS:362, IS:504(P-3)
1055.	Parliament Hinges -specification	Copper	IS:362, ASTM E1251

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
1056.	Parliament Hinges -specification	Iron	IS:362, IS:504(P-2)
1057.	Parliament Hinges -specification	Iron	IS:362,ASTM E1251
1058.	Parliament Hinges -specification	Magnesium	IS:362, IS:504(P-6)
1059.	Parliament Hinges -specification	Magnesium	IS:362,ASTM E1251
1060.	Parliament Hinges -specification	Manganese	IS:362, IS:504(P-5)
1061.	Parliament Hinges -specification	Manganese	IS:362,ASTM E1251
1062.	Parliament Hinges -specification	Nickel	IS:362, IS:504(P-7)
1063.	Parliament Hinges -specification	Nickel	IS:362,ASTM E1251
1064.	Parliament Hinges -specification	Lead	IS:362, IS:504(P-1)
1065.	Parliament Hinges -specification	Lead	IS:362,ASTM E1251
1066.	Parliament Hinges -specification	Antimony	IS:362, IS:504(P-10)
1067.	Parliament Hinges -specification	Antimony	IS:362,ASTM E1251
1068.	Parliament Hinges -specification	Silicon	IS:362, IS:504(P-1)
1069.	Parliament Hinges -specification	Silicon	IS:362,ASTM E1251
1070.	Parliament Hinges -specification	Tin	IS:362, IS:504(P-9)
1071.	Parliament Hinges -specification	Tin	IS:362,ASTM E1251

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
1072.	Parliament Hinges -specification	Titanium	IS:362, IS:504(P-11)
1073.	Parliament Hinges -specification	Titanium	IS:362,ASTM E1251
1074.	Parliament Hinges -specification	Vanadium	IS:362, IS:504(P-12)
1075.	Parliament Hinges -specification	Vanadium	IS:362,ASTM E1251
1076.	Parliament Hinges -specification	Zinc	IS:362, IS:504(P-5)
1077.	Parliament Hinges -specification	Zinc	IS:362,ASTM E1251
1078.	Parliament Hinges -specification	Zirconium	IS:736,ASTM E1251
1079.	Parliament Hinges -specification	Silver	IS:362,BS EN 15079
1080.	Parliament Hinges -specification	Aluminium	IS:362,BS EN 15079
1081.	Parliament Hinges -specification	Arsenic	IS:362,IS:440
1082.	Parliament Hinges -specification	Arsenic	IS:362,BS EN 15079
1083.	Parliament Hinges -specification	Bismuth	IS:362,IS:440
1084.	Parliament Hinges -specification	Bismuth	IS:362,BS EN 15079
1085.	Parliament Hinges -specification	Iron	IS:362,BS EN 15079
1086.	Parliament Hinges -specification	Iron	IS:362,IS:440
1087.	Parliament Hinges -specification	Manganese	IS:362,BS EN 15079

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
1088.	Parliament Hinges -specification	Nickel	IS:362,IS:440
1089.	Parliament Hinges -specification	Nickel	IS:362,BS EN 15079
1090.	Parliament Hinges -specification	Phosphorus	IS:362,IS:440
1091.	Parliament Hinges -specification	Phosphorus	IS:362,BS EN 15079
1092.	Parliament Hinges -specification	Lead	IS:362,IS:440
1093.	Parliament Hinges -specification	Lead	IS:362,BS EN 15079
1094.	Parliament Hinges -specification	Sulphur	IS:362,BS EN 15079
1095.	Parliament Hinges -specification	Antimony	IS:362,IS:440
1096.	Parliament Hinges -specification	Antimony	IS:362,BS EN 15079
1097.	Parliament Hinges -specification	Tin	IS:362,IS:440
1098.	Parliament Hinges -specification	Tin	IS:362,BS EN 15079
1099.	Parliament Hinges -specification	Zinc	IS:362,BS EN 15079
1100.	Parliament Hinges -specification	Copper	IS:362,IS:440
1101.	Parliament Hinges -specification	Finish	IS:362, IS:3618
1102.	Double Acting Spring Hinges - Specification	Silver	IS:453,BS EN 15079
1103.		Aluminium	IS:453,BS EN 15079

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
1104.		Arsenic	IS:453,IS:440
1105.		Arsenic	IS:453,BS EN 15079
1106.		Bismuth	IS:453,IS:440
1107.		Bismuth	IS:453,BS EN 15079
1108.		Iron	IS:453,BS EN 15079
1109.		Iron	IS:453,IS:440
1110.		Manganese	IS:453,BS EN 15079
1111.		Nickel	IS:453,IS:440
1112.		Nickel	IS:453,BS EN 15079
1113.		Phosphorus	IS:453,IS:440
1114.		Phosphorus	IS:453,BS EN 15079
1115.		Lead	IS:453,IS:440
1116.		Lead	IS:453,BS EN 15079
1117.		Sulphur	IS:453,BS EN 15079
1118.		Antimony	IS:453,IS:440
1119.		Antimony	IS:453,BS EN 15079

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
1120.		Tin	IS:453,IS:440
1121.		Tin	IS:453,BS EN 15079
1122.		Zinc	IS:453,BS EN 15079
1123.		Copper	IS:453,IS:440
1124.		Finish	IS:453, IS:3618
1125.		Aluminium	IS:453, ASTM E415
1126.		Cabon	IS:453, ASTM E415
1127.		Cabon	IS:453,IS:228(P-1)
1128.		Chromium	IS:453, ASTM E415
1129.	Double Acting Spring Hinges - Specification	Chromium	IS:453, IS:228(P-6)
1130.		Copper	IS:453, ASTM E415
1131.		Manganese	IS:453, ASTM E415
1132.		Manganese	IS:453,IS:228(P-2)
1133.		Molybdenum	IS:453, ASTM E415
1134.		Molybdenum	IS:453, IS:228(P-7)
1135.		Phosphorus	IS:453, ASTM E415

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
1136.		Phosphorus	IS:453, IS:228(P-3)
1137.		Sulphur	IS:453, ASTM E415
1138.		Sulphur	IS:453, IS:228(P-9)
1139.		Silicon	IS:453, ASTM E415
1140.		Silicon	IS:453, IS:228(P-8)
1141.		Vanadium	IS:453, ASTM E415
1142.		Finish	IS:453, IS:3618
1143.	Square Tins for Solid Products	Tin Coating Thickness and lacquer coating	IS:916, IS:1327
1144.	Square Tins for Solid Products	Internal Finish	IS:916
1145.	Square Tins for Solid Products	Outside Finish	IS:916
1146.	Square Tins for Solid Products	Antimony Content	IS:916, IS:998(p-1)
1147.	Specification For Rim Latches	Boron	IS:1019, ASTM E1251
1148.	Specification For Rim Latches	Berellium	IS:1019, ASTM E1251
1149.	Specification For Rim Latches	Cadmium	IS:1019, ASTM E1251
1150.	Specification For Rim Latches	Cobalt	IS:1019, IS:ASTM E1251
1151.	Specification For Rim Latches	Chromium	IS:1019, IS:504(P-8)

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
1152.	Specification For Rim Latches	Chromium	IS:1019,ASTM E1251
1153.	Specification For Rim Latches	Copper	IS:1019, IS:504(P-3)
1154.	Specification For Rim Latches	Copper	IS:1019,ASTM E1251
1155.	Specification For Rim Latches	Iron	IS:1019, IS:504(P-2)
1156.	Specification For Rim Latches	Iron	IS:1019,ASTM E1251
1157.	Specification For Rim Latches	Magnesium	IS:1019, IS:504(P-6)
1158.	Specification For Rim Latches	Magnesium	IS:1019,ASTM E1251
1159.	Specification For Rim Latches	Manganese	IS:1019, IS:504(P-5)
1160.	Specification For Rim Latches	Manganese	IS:1019,ASTM E1251
1161.	Specification For Rim Latches	Nickel	IS:1019, IS:504(P-7)
1162.	Specification For Rim Latches	Nickel	IS:1019,ASTM E1251
1163.	Specification For Rim Latches	Lead	IS:1019, IS:504(P-1)
1164.	Specification For Rim Latches	Lead	IS:1019,ASTM E1251
1165.	Specification For Rim Latches	Antimony	IS:1019, IS:504(P-10)
1166.	Specification For Rim Latches	Antimony	IS:1019,ASTM E1251
1167.	Specification For Rim Latches	Silicon	IS:1019, IS:504(P-1)

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
1168.	Specification For Rim Latches	Silicon	IS:1019,ASTM E1251
1169.	Specification For Rim Latches	Tin	IS:1019, IS:504(P-9)
1170.	Specification For Rim Latches	Tin	IS:1019,ASTM E1251
1171.	Specification For Rim Latches	Titanium	IS:1019, IS:504(P-11)
1172.	Specification For Rim Latches	Titanium	IS:1019,ASTM E1251
1173.	Specification For Rim Latches	Vanadium	IS:1019, IS:504(P-12)
1174.	Specification For Rim Latches	Vanadium	IS:1019,ASTM E1251
1175.	Specification For Rim Latches	Zinc	IS:1019, IS:504(P-5)
1176.	Specification For Rim Latches	Zinc	IS:1019,ASTM E1251
1177.	Specification For Rim Latches	Zirconium	IS:1019,ASTM E1251
1178.	Specification For Rim Latches	Anodic coating	IS:1019,IS:5523,IS:1868
1179.	Specification For Rim Latches	Silver	IS:1019,BS EN 15079
1180.	Specification For Rim Latches	Aluminium	IS:1019,BS EN 15079
1181.	Specification For Rim Latches	Arsenic	IS:1019,IS:440
1182.	Specification For Rim Latches	Arsenic	IS:1019,BS EN 15079
1183.	Specification For Rim Latches	Bismuth	IS:1019,IS:440

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
1184.	Specification For Rim Latches	Bismuth	IS:1019,BS EN 15079
1185.	Specification For Rim Latches	Iron	IS:1019,BS EN 15079
1186.	Specification For Rim Latches	Iron	IS:1019,IS:440
1187.	Specification For Rim Latches	Manganese	IS:1019,BS EN 15079
1188.	Specification For Rim Latches	Nickel	IS:1019,IS:440
1189.	Specification For Rim Latches	Nickel	IS:1019,BS EN 15079
1190.	Specification For Rim Latches	Phosphorus	IS:1019,IS:440
1191.	Specification For Rim Latches	Phosphorus	IS:1019,BS EN 15079
1192.	Specification For Rim Latches	Lead	IS:1019,IS:440
1193.	Specification For Rim Latches	Lead	IS:1019,BS EN 15079
1194.	Specification For Rim Latches	Sulphur	IS:1019,BS EN 15079
1195.	Specification For Rim Latches	Antimony	IS:1019,IS:440
1196.	Specification For Rim Latches	Antimony	IS:1019,BS EN 15079
1197.	Specification For Rim Latches	Tin	IS:1019,IS:440
1198.	Specification For Rim Latches	Tin	IS:1019,BS EN 15079
1199.	Specification For Rim Latches	Zinc	IS:1019,BS EN 15079

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	Metals & Alloys		
1200.	Specification For Rim Latches	Copper	IS:1019,IS:440
1201.	Specification For Rim Latches	Finish	IS:1019, IS:3618
1202.	Specification For Rim Latches	Aluminium	IS:1019, ASTM E415
1203.	Specification For Rim Latches	Cabon	IS:1019, ASTM E415
1204.	Specification For Rim Latches	Cabon	IS:1019,IS:228(P-1)
1205.	Specification For Rim Latches	Chromium	IS:1019, ASTM E415
1206.	Specification For Rim Latches	Chromium	IS:1019, IS:228(P-6)
1207.	Specification For Rim Latches	Copper	IS:1019, ASTM E415
1208.	Specification For Rim Latches	Manganese	IS:1019, ASTM E415
1209.	Specification For Rim Latches	Manganese	IS:1019,IS:228(P-2)
1210.	Specification For Rim Latches	Molybdenum	IS:1019, ASTM E415
1211.	Specification For Rim Latches	Molybdenum	IS:1019, IS:228(P-7)
1212.	Specification For Rim Latches	Phosphorus	IS:1019, ASTM E415
1213.	Specification For Rim Latches	Phosphorus	IS:1019, IS:228(P-3)
1214.	Specification For Rim Latches	Sulphur	IS:1019, ASTM E415
1215.	Specification For Rim Latches	Sulphur	IS:1019, IS:228(P-9)

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
1216.	Specification For Rim Latches	Silicon	IS:1019, ASTM E415
1217.	Specification For Rim Latches	Silicon	IS:1019, IS:228(P-8)
1218.	Specification For Rim Latches	Vanadium	IS:1019, ASTM E415
1219.	Specification For Rim Latches	Finish	IS:1019, IS:3618
1220.	Hot Rolled Carbon Steel Sheet, Plate and Strip	Aluminium	IS:1079, ASTM E415
1221.		Carbon	IS:1079, ASTM E415
1222.		Carbon	IS:1079, IS:228(P-1)
1223.		Chromium	IS:1079, ASTM E415
1224.		Chromium	IS:1079, IS:228(P-6)
1225.		Copper	IS:1079, ASTM E415
1226.		Manganese	IS:1079, ASTM E415
1227.		Manganese	IS:1079, IS:228(P-2)
1228.		Molybdenum	IS:1079, ASTM E415
1229.		Molybdenum	IS:1079, IS:228(P-7)
1230.	Hot Rolled Carbon Steel Sheet, Plate and Strip	Phosphorus	IS:1079, ASTM E415
1231.		Phosphorus	IS:1079, IS:228(P-3)

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
1232.		Sulphur	IS:1079, ASTM E415
1233.		Sulphur	IS:1079, IS:228(P-9)
1234.		Silicon	IS:1079, ASTM E415
1235.		Silicon	IS:1079, IS:228(P-8)
1236.		Vanadium	IS:1079, ASTM E415
1237.		Boron	IS:1079, ASTM E415
1238.		Titanium	IS:1079, ASTM E415
1239.		Niobium	IS:1079, ASTM E415
1240.		Nitrogen	IS:1079, ASTM E415
1241.	Corrugated Aluminium Sheet	Boron	IS:1254, ASTM E1251
1242.	Corrugated Aluminium Sheet	Berellium	IS:1254, ASTM E1251
1243.	Corrugated Aluminium Sheet	Cadmium	IS:1254, ASTM E1251
1244.	Corrugated Aluminium Sheet	Cobalt	IS:1254, IS:ASTM E1251
1245.	Corrugated Aluminium Sheet	Chromium	IS:1254, IS:504(P-8)
1246.	Corrugated Aluminium Sheet	Chromium	IS:1254, ASTM E1251
1247.	Corrugated Aluminium Sheet	Copper	IS:1254, IS:504(P-3)

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
1248.	Corrugated Aluminium Sheet	Copper	IS:1254, ASTM E1251
1249.	Corrugated Aluminium Sheet	Iron	IS:1254, IS:504(P-2)
1250.	Corrugated Aluminium Sheet	Iron	IS:1254, ASTM E1251
1251.	Corrugated Aluminium Sheet	Magnesium	IS:1254, IS:504(P-6)
1252.	Corrugated Aluminium Sheet	Magnesium	IS:1254, ASTM E1251
1253.	Corrugated Aluminium Sheet	Manganese	IS:1254, IS:504(P-5)
1254.	Corrugated Aluminium Sheet	Manganese	IS:1254, ASTM E1251
1255.	Corrugated Aluminium Sheet	Nickel	IS:1254, IS:504(P-7)
1256.	Corrugated Aluminium Sheet	Nickel	IS:1254, ASTM E1251
1257.	Corrugated Aluminium Sheet	Lead	IS:1254, IS:504(P-1)
1258.	Corrugated Aluminium Sheet	Lead	IS:1254, ASTM E1251
1259.	Corrugated Aluminium Sheet	Antimony	IS:1254, IS:504(P-10)
1260.	Corrugated Aluminium Sheet	Antimony	IS:1254, ASTM E1251
1261.	Corrugated Aluminium Sheet	Silicon	IS:1254, IS:504(P-1)
1262.	Corrugated Aluminium Sheet	Silicon	IS:1254, ASTM E1251
1263.	Corrugated Aluminium Sheet	Tin	IS:1254, IS:504(P-9)

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
1264.	Corrugated Aluminium Sheet	Tin	IS:1254, ASTM E1251
1265.	Corrugated Aluminium Sheet	Titanium	IS:1254, IS:504(P-11)
1266.	Corrugated Aluminium Sheet	Titanium	IS:1254, ASTM E1251
1267.	Corrugated Aluminium Sheet	Vanadium	IS:1254, IS:504(P-12)
1268.	Corrugated Aluminium Sheet	Vanadium	IS:1254, ASTM E1251
1269.	Corrugated Aluminium Sheet	Zinc	IS:1254, IS:504(P-5)
1270.	Corrugated Aluminium Sheet	Zinc	IS:1254, ASTM E1251
1271.	Corrugated Aluminium Sheet	Zirconium	IS:1254, ASTM E1251
1272.	Corrugated Aluminium Sheet	Finish	IS:1254
1273.	Wrought Aluminium Alloy Bolt And Screw Stock For General Engineering Purposes	Boron	IS:1284, ASTM E1251
1274.		Berellium	IS:1284, ASTM E1251
1275.		Cadmium	IS:1284, ASTM E1251
1276.		Cobalt	IS:1284, IS:ASTM E1251
1277.		Chromium	IS:1284, IS:504(P-8)
1278.		Chromium	IS:1284, ASTM E1251
1279.		Copper	IS:1284, IS:504(P-3)

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	Metals & Alloys		
1280.		Copper	IS:1284, ASTM E1251
1281.		Iron	IS:1284, IS:504(P-2)
1282.		Iron	IS:1284, ASTM E1251
1283.		Magnesium	IS:1284, IS:504(P-6)
1284.		Magnesium	IS:1284, ASTM E1251
1285.		Manganese	IS:1284, IS:504(P-5)
1286.		Manganese	IS:1284, ASTM E1251
1287.		Nickel	IS:1284, IS:504(P-7)
1288.		Nickel	IS:1284, ASTM E1251
1289.		Lead	IS:1284, IS:504(P-1)
1290.		Lead	IS:1284, ASTM E1251
1291.		Antimony	IS:1284, IS:504(P-10)
1292.		Antimony	IS:1284, ASTM E1251
1293.	Wrought Aluminium Alloy Bolt And Screw Stock For General Engineering Purposes	Silicon	IS:1284, IS:504(P-1)
1294.		Silicon	IS:1284, ASTM E1251
1295.		Tin	IS:1284, IS:504(P-9)

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
1296.	Wrought Aluminium and Aluminium Alloys-Extruded Round Tube and Hollow Sections for General Engineering Purposes	Tin	IS:1284,ASTM E1251
1297.		Titanium	IS:1284, IS:504(P-11)
1298.		Titanium	IS:1284,ASTM E1251
1299.		Vanadium	IS:1284, IS:504(P-12)
1300.		Vanadium	IS:1284,ASTM E1251
1301.		Zinc	IS:1284, IS:504(P-5)
1302.		Zinc	IS:1284,ASTM E1251
1303.		Zirconium	IS:1284,ASTM E1251
1304.		Boron	IS:1285, ASTM E1251
1305.		Berellium	IS:1285, ASTM E1251
1306.		Cadmium	IS:1285, ASTM E1251
1307.		Cobalt	IS:1285, IS:ASTM E1251
1308.		Chromium	IS:1285,IS:504(P-8)
1309.		Chromium	IS:1285,ASTM E1251
1310.		Copper	IS:1285, IS:504 (P-3)
1311.		Copper	IS:1285,ASTM E1251

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
1312.	Wrought Aluminium and Aluminium Alloys-Extruded Round Tube and Hollow Sections for General Engineering Purposes	Iron	IS:1285, IS:504(P-2)
1313.		Iron	IS:1285,ASTM E1251
1314.		Magnesium	IS:1285, IS:504 (P-6)
1315.		Magnesium	IS:1285,ASTM E1251
1316.		Manganese	IS:1285, IS:504(P-5)
1317.		Manganese	IS:1285,ASTM E1251
1318.		Nickel	IS:1285, IS:504(P-7)
1319.		Nickel	IS:1285,ASTM E1251
1320.		Lead	IS:1285, IS:504(P-1)
1321.		Lead	IS:1285,ASTM E1251
1322.		Antimony	IS:1285, IS:504(P-10)
1323.		Antimony	IS:1285,ASTM E1251
1324.		Silicon	IS:1285, IS:504(P-1)
1325.		Silicon	IS:1285,ASTM E1251
1326.		Tin	IS:1285, IS:504(P-9)
1327.		Tin	IS:1285,ASTM E1251

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
1328.		Titanium	IS:1285, IS:504(P-11)
1329.		Titanium	IS:1285, ASTM E1251
1330.		Vanadium	IS:1285, IS:504(P-12)
1331.		Vanadium	IS:1285, ASTM E1251
1332.		Zinc	IS:1285, IS:504(P-5)
1333.	Wrought Aluminium and Aluminium Alloys-Extruded Round Tube and Hollow Sections for General Engineering Purposes	Zinc	IS:1285, ASTM E1251
1334.		Zirconium	IS:1285, ASTM E1251
1335.	Steel Butt Hinges	Aluminium	IS:1341, ASTM E415
1336.	Steel Butt Hinges	Cabon	IS:1341, ASTM E415
1337.	Steel Butt Hinges	Cabon	IS:1341, IS:228(P-1)
1338.	Steel Butt Hinges	Chromium	IS:1341, ASTM E415
1339.	Steel Butt Hinges	Chromium	IS:1341, IS:228(P-6)
1340.	Steel Butt Hinges	Copper	IS:6343, ASTM E415
1341.	Steel Butt Hinges	Manganese	IS:1341, ASTM E415
1342.	Steel Butt Hinges	Manganese	IS:1341, IS:228(P-2)

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
1343.	Steel Butt Hinges	Molybdenum	IS:1341, ASTM E415
1344.	Steel Butt Hinges	Molybdenum	IS:1341, IS:228(P-7)
1345.	Steel Butt Hinges	Phosphorus	IS:1341, ASTM E415
1346.	Steel Butt Hinges	Phosphorus	IS:1341, IS:228(P-3)
1347.	Steel Butt Hinges	Sulphur	IS:1341, ASTM E415
1348.	Steel Butt Hinges	Sulphur	IS:1341, IS:228(P-9)
1349.	Steel Butt Hinges	Silicon	IS:1341, ASTM E415
1350.	Steel Butt Hinges	Silicon	IS:1341, IS:228(P-8)
1351.	Steel Butt Hinges	Vanadium	IS:1341, ASTM E415
1352.	Wrought and Cast Aluminium Utensils	Boron	IS:1660, ASTM E1251
1353.		Berellium	IS:1660, ASTM E1251
1354.		Cadmium	IS:1660, ASTM E1251
1355.		Cobalt	IS:1660, IS:ASTM E1251
1356.		Chromium	IS:1660, IS:504(P-8)
1357.		Chromium	IS:1660, ASTM E1251
1358.		Copper	IS:1660, IS:504(P-3)

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
1359.		Copper	IS:1660, ASTM E1251
1360.		Iron	IS:1660, IS:504(P-2)
1361.		Iron	IS:1660, ASTM E1251
1362.		Magnesium	IS:1660, IS:504(P-6)
1363.		Magnesium	IS:1660, ASTM E1251
1364.		Manganese	IS:1660, IS:504(P-5)
1365.		Manganese	IS:1660, ASTM E1251
1366.		Nickel	IS:1660, IS:504(P-7)
1367.		Nickel	IS:1660, ASTM E1251
1368.		Lead	IS:1660, IS:504(P-1)
1369.		Lead	IS:1660, ASTM E1251
1370.		Antimony	IS:1660, IS:504(P-10)
1371.		Antimony	IS:1660, ASTM E1251
1372.		Silicon	IS:1660, IS:504(P-1)
1373.	Wrought and Cast Aluminium	Silicon	IS:1660, ASTM E1251
1374.	Utensils	Tin	IS:1660, IS:504(P-9)

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
1375.		Tin	IS:1660, ASTM E1251
1376.		Titanium	IS:1660, IS:504(P-11)
1377.		Titanium	IS:1660, ASTM E1251
1378.		Vanadium	IS:1660, IS:504(P-12)
1379.		Vanadium	IS:1660, ASTM E1251
1380.		Zinc	IS:1660, IS:504(P-5)
1381.		Zinc	IS:1660, ASTM E1251
1382.		Zirconium	IS:1660, ASTM E1251
1383.		Finish	IS:1660
1384.		Silver	IS:1897, BS EN 15079
1385.	Copper strip for electrical purposes	Aluminium	IS:1897, BS EN 15079
1386.		Arsenic	IS:1897, IS:440
1387.		Arsenic	IS:1897, BS EN 15079
1388.		Bismuth	IS:1897, IS:440
1389.		Bismuth	IS:1897, BS EN 15079
1390.		Iron	IS:1897, BS EN 15079

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
1391.		Iron	IS:1897,IS:440
1392.		Manganese	IS:1897,BS EN 15079
1393.		Nickel	IS:1897,IS:440
1394.		Nickel	IS:1897,BS EN 15079
1395.		Phosphorus	IS:1897,IS:440
1396.		Phosphorus	IS:1897,BS EN 15079
1397.		Lead	IS:1897,IS:440
1398.		Lead	IS:1897,BS EN 15079
1399.		Sulphur	IS:1897,BS EN 15079
1400.	Copper strip for electrical purposes	Antimony	IS:1897,IS:440
1401.		Antimony	IS:1897,BS EN 15079
1402.		Tin	IS:1897,IS:440
1403.		Tin	IS:1897,BS EN 15079
1404.		Zinc	IS:1897,BS EN 15079
1405.		Copper	IS:1897,IS:440
1406.		Finish	IS:1897

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
1407.	Wrought Aluminium Wire For Electrical Purposes	Boron	IS:2067, ASTM E1251
1408.		Berellium	IS:2067, ASTM E1251
1409.		Cadmium	IS:2067, ASTM E1251
1410.		Cobalt	IS:2067, IS:ASTM E1251
1411.		Chromium	IS:2067, IS:504(P-8)
1412.		Chromium	IS:2067, ASTM E1251
1413.		Copper	IS:2067, IS:504(P-3)
1414.		Copper	IS:2067, ASTM E1251
1415.	Wrought Aluminium Wire For Electrical Purposes	Iron	IS:2067, IS:504(P-2)
1416.		Iron	IS:2067, ASTM E1251
1417.		Magnesium	IS:2067, IS:504(P-6)
1418.		Magnesium	IS:2067, ASTM E1251
1419.		Manganese	IS:2067, IS:504(P-5)
1420.		Manganese	IS:2067, ASTM E1251
1421.		Nickel	IS:2067, IS:504(P-7)
1422.		Nickel	IS:2067, ASTM E1251

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
1423.		Lead	IS:2067, IS:504(P-1)
1424.		Lead	IS:2067, ASTM E1251
1425.		Antimony	IS:2067, IS:504(P-10)
1426.		Antimony	IS:2067, ASTM E1251
1427.		Silicon	IS:2067, IS:504(P-1)
1428.		Silicon	IS:2067, ASTM E1251
1429.		Tin	IS:2067, IS:504(P-9)
1430.		Tin	IS:2067, ASTM E1251
1431.		Titanium	IS:2067, IS:504(P-11)
1432.		Titanium	IS:2067, ASTM E1251
1433.		Vanadium	IS:2067, IS:504(P-12)
1434.		Vanadium	IS:2067, ASTM E1251
1435.		Zinc	IS:2067, IS:504(P-5)
1436.	Wrought Aluminium Wire For Electrical Purposes	Zinc	IS:2067, ASTM E1251
1437.		Zirconium	IS:2067, ASTM E1251
1438.		Mass of zinc Coating	IS:2552, IS:6745

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
1439.	Steel Drums (galvanized And Ungalvanized)	Finish	IS:2552
1440.	Primary aluminium ingots for remelting for general engineering purposes	Boron	IS:2590, ASTM E1251
1441.		Berellium	IS:2590, ASTM E1251
1442.		Cadmium	IS:2590, ASTM E1251
1443.		Cobalt	IS:2590, IS:ASTM E1251
1444.		Chromium	IS:2590, IS:504(P-8)
1445.		Chromium	IS:2590, ASTM E1251
1446.		Copper	IS:2590, IS:504(P-3)
1447.		Copper	IS:2590, ASTM E1251
1448.		Iron	IS:2590, IS:504(P-2)
1449.		Iron	IS:2590, ASTM E1251
1450.		Magnesium	IS:2590, IS:504(P-6)
1451.		Magnesium	IS:2590, ASTM E1251
1452.		Manganese	IS:2590, IS:504(P-5)
1453.		Manganese	IS:2590, ASTM E1251
1454.		Nickel	IS:2590, IS:504(P-7)

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
1455.		Nickel	IS:2590, ASTM E1251
1456.		Lead	IS:2590, IS:504(P-1)
1457.		Lead	IS:2590, ASTM E1251
1458.		Antimony	IS:2590, IS:504(P-10)
1459.		Antimony	IS:2590, ASTM E1251
1460.		Silicon	IS:2590, IS:504(P-1)
1461.		Silicon	IS:2590, ASTM E1251
1462.	Primary aluminium ingots for remelting for general engineering purposes	Tin	IS:2590, IS:504(P-9)
1463.		Tin	IS:2590, ASTM E1251
1464.		Titanium	IS:2590, IS:504(P-11)
1465.		Titanium	IS:2590, ASTM E1251
1466.		Vanadium	IS:2590, IS:504(P-12)
1467.		Vanadium	IS:2590, ASTM E1251
1468.		Zinc	IS:2590, IS:504(P-5)
1469.		Zinc	IS:2590, ASTM E1251
1470.		Zirconium	IS:2590, ASTM E1251

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
1471.	Non-ferrous metal sliding door bolts (aldrops) for with padlocks	Boron	IS:2681, ASTM E1251
1472.		Berellium	IS:2681, ASTM E1251
1473.		Cadmium	IS:2681, ASTM E1251
1474.		Cobalt	IS:2681, IS:ASTM E1251
1475.		Chromium	IS:2681, IS:504(P-8)
1476.	Non-ferrous metal sliding door bolts (aldrops) for with padlocks	Chromium	IS:2681, ASTM E1251
1477.		Copper	IS:2681, IS:504(P-3)
1478.		Copper	IS:2681, ASTM E1251
1479.		Iron	IS:2681, IS:504(P-2)
1480.		Iron	IS:2681, ASTM E1251
1481.		Magnesium	IS:2681, IS:504(P-6)
1482.		Magnesium	IS:2681, ASTM E1251
1483.		Manganese	IS:2681, IS:504(P-5)
1484.		Manganese	IS:2681, ASTM E1251
1485.		Nickel	IS:2681, IS:504(P-7)
1486.		Nickel	IS:2681, ASTM E1251

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	Metals & Alloys		
1487.		Lead	IS:2681, IS:504(P-1)
1488.		Lead	IS:2681, ASTM E1251
1489.		Antimony	IS:2681, IS:504(P-10)
1490.		Antimony	IS:2681, ASTM E1251
1491.		Silicon	IS:2681, IS:504(P-1)
1492.		Silicon	IS:2681, ASTM E1251
1493.		Tin	IS:2681, IS:504(P-9)
1494.		Tin	IS:2681, ASTM E1251
1495.		Titanium	IS:2681, IS:504(P-11)
1496.		Titanium	IS:2681, ASTM E1251
1497.	Non-ferrous metal sliding door bolts (aldrops) for with padlocks	Vanadium	IS:2681, IS:504(P-12)
1498.		Vanadium	IS:2681, ASTM E1251
1499.		Zinc	IS:2681, IS:504(P-5)
1500.		Zinc	IS:2681, ASTM E1251
1501.		Zirconium	IS:2681, ASTM E1251
1502.		Silver	IS:2681, BS EN 15079

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
1503.		Aluminium	IS:2681,BS EN 15079
1504.		Arsenic	IS:2681,IS:440
1505.		Arsenic	IS:2681,BS EN 15079
1506.		Bismuth	IS:2681,IS:440
1507.		Bismuth	IS:2681,BS EN 15079
1508.		Iron	IS:2681,BS EN 15079
1509.		Iron	IS:2681,IS:440
1510.		Manganese	IS:2681,BS EN 15079
1511.		Nickel	IS:2681,IS:440
1512.		Nickel	IS:2681,BS EN 15079
1513.		Phosphorus	IS:2681,IS:440
1514.		Phosphorus	IS:2681,BS EN 15079
1515.		Lead	IS:2681,IS:440
1516.		Lead	IS:2681,BS EN 15079
1517.		Sulphur	IS:2681,BS EN 15079
1518.		Antimony	IS:2681,IS:440

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
1519.	Non-ferrous metal sliding door bolts (aldrops) for with padlocks	Antimony	IS:2681,BS EN 15079
1520.		Tin	IS:2681,IS:440
1521.		Tin	IS:2681,BS EN 15079
1522.		Zinc	IS:2681,BS EN 15079
1523.		Copper	IS:2681,IS:440
1524.		Aluminium	IS:2681,ASTM E 1999
1525.		Boron	IS:2681,ASTM E 1999
1526.		Carbon	IS:2681,ASTM E 1999
1527.		Carbon	IS:2681,IS:12308(P-11)
1528.		Cobalt	IS:2681,ASTM E 1999
1529.		Chromium	IS:2681,ASTM E 1999
1530.		Chromium	IS:2681,IS:12308(P-8)
1531.		Copper	IS:2681,ASTM E 1999
1532.		Magnesium	IS:2681,ASTM E 1999
1533.		Manganese	IS:2681,ASTM E 1999
1534.		Manganese	IS:2681, IS:12308(P-10)

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
1535.	Non-ferrous metal sliding door bolts (aldrops) for with padlocks	Molybdenum	IS:2681,ASTM E 1999
1536.		Molybdenum	IS:2681, IS:12308(P-9)
1537.		Nickel	IS:2681,ASTM E 1999
1538.		Nickel	IS:2681, IS:12308(P-7)
1539.		Phosphorus	IS:2681,ASTM E 1999
1540.		Phosphorus	IS:2681,IS:12308(P-5)
1541.		Sulphur	IS:2681,ASTM E 1999
1542.		Silicon	IS:2681,ASTM E 1999
1543.		Silicon	IS:2681,IS:12308(P-6)
1544.		Tin	IS:2681,ASTM E 1999
1545.		Titanium	IS:2681,ASTM E 1999
1546.		Vanadium	IS:2681,ASTM E 1999
1547.	Hydraulically Regulated Door Closers	Aluminium	IS:3564,ASTM E 1999
1548.		Boron	IS:3564,ASTM E 1999
1549.		Carbon	IS:3564,ASTM E 1999
1550.		Carbon	IS:3564,IS:12308(P-11)

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	Metals & Alloys		
1551.		Cobalt	IS:3564,ASTM E 1999
1552.		Chromium	IS:3564,ASTM E 1999
1553.		Chromium	IS:3564,IS:12308(P-8)
1554.		Copper	IS:3564,ASTM E 1999
1555.		Magnesium	IS:3564,ASTM E 1999
1556.		Manganese	IS:3564,ASTM E 1999
1557.		Manganese	IS:3564, IS:12308(P-10)
1558.		Molybdenum	IS:3564,ASTM E 1999
1559.		Molybdenum	IS:3564, IS:12308(P-9)
1560.		Nickel	IS:3564,ASTM E 1999
1561.	Hydraulically Regulated Door Closers	Nickel	IS:3564, IS:12308(P-7)
1562.		Phosphorus	IS:3564,ASTM E 1999
1563.		Phosphorus	IS:3564,IS:12308(P-5)
1564.		Sulphur	IS:3564,ASTM E 1999
1565.		Silicon	IS:3564,ASTM E 1999
1566.		Silicon	IS:3564,IS:12308(P-6)

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Chemical Testing

Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
1567.		Tin	IS:3564,ASTM E 1999
1568.		Titanium	IS:3564,ASTM E 1999
1569.		Vanadium	IS:3564,ASTM E 1999
1570.		Silver	IS:3564,BS EN 15079
1571.		Aluminium	IS:3564,BS EN 15079
1572.		Arsenic	IS:3564,IS:440
1573.		Arsenic	IS:3564,BS EN 15079
1574.		Bismuth	IS:3564,IS:440
1575.		Bismuth	IS:3564,BS EN 15079
1576.		Iron	IS:3564,BS EN 15079
1577.		Iron	IS:3564,IS:440
1578.		Manganese	IS:3564,BS EN 15079
1579.		Nickel	IS:3564,IS:440
1580.		Nickel	IS:3564,BS EN 15079
1581.	Hydraulically Regulated Door Closers	Phosphorus	IS:3564,IS:440
1582.		Phosphorus	IS:3564,BS EN 15079

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
1583.		Lead	IS:3564,IS:440
1584.		Lead	IS:3564,BS EN 15079
1585.		Sulphur	IS:3564,BS EN 15079
1586.		Antimony	IS:3564,IS:440
1587.		Antimony	IS:3564,BS EN 15079
1588.		Tin	IS:3564,IS:440
1589.		Tin	IS:3564,BS EN 15079
1590.		Zinc	IS:3564,BS EN 15079
1591.		Copper	IS:3564,IS:440
1592.		Boron	IS:3564, ASTM E1251
1593.		Berellium	IS:3564, ASTM E1251
1594.		Cadmium	IS:3564, ASTM E1251
1595.		Cobalt	IS:3564, IS:ASTM E1251
1596.		Chromium	IS:3564,IS:504(P-8)
1597.		Chromium	IS:3564,ASTM E1251
1598.		Copper	IS:3564, IS:504(P-3)

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
1599.		Copper	IS:3564, ASTM E1251
1600.		Iron	IS:3564, IS:504(P-2)
1601.		Iron	IS:3564, ASTM E1251
1602.		Magnesium	IS:3564, IS:504(P-6)
1603.		Magnesium	IS:3564, ASTM E1251
1604.		Manganese	IS:3564, IS:504(P-5)
1605.		Manganese	IS:3564, ASTM E1251
1606.		Nickel	IS:3564, IS:504(P-7)
1607.		Nickel	IS:3564, ASTM E1251
1608.	Hydraulically Regulated Door Closers	Lead	IS:3564, IS:504(P-1)
1609.		Lead	IS:3564, ASTM E1251
1610.		Antimony	IS:3564, IS:504(P-10)
1611.		Antimony	IS:3564, ASTM E1251
1612.		Silicon	IS:3564, IS:504(P-1)
1613.		Silicon	IS:3564, ASTM E1251
1614.		Tin	IS:3564, IS:504(P-9)

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
1615.		Tin	IS:3564, ASTM E1251
1616.		Titanium	IS:3564, IS:504(P-11)
1617.		Titanium	IS:3564, ASTM E1251
1618.		Vanadium	IS:3564, IS:504(P-12)
1619.		Vanadium	IS:3564, ASTM E1251
1620.		Zinc	IS:3564, IS:504(P-5)
1621.		Zinc	IS:3564, ASTM E1251
1622.		Zirconium	IS:3564, ASTM E1251
1623.	Hydraulically Regulated Door Closers	Finish	IS:3564, IS:1868, IS:5523
1624.		Aluminium	IS:3564, ASTM E415
1625.		Cabon	IS:3564, ASTM E415
1626.		Cabon	IS:3564, IS:228(P-1)
1627.		Chromium	IS:3564, ASTM E415
1628.		Chromium	IS:3564, IS:228(P-6)
1629.		Copper	IS:3564, ASTM E415
1630.		Manganese	IS:3564, ASTM E415

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
1631.		Manganese	IS:3564, IS:228(P-2)
1632.		Molybdenum	IS:3564, ASTM E415
1633.		Molybdenum	IS:3564, IS:228(P-7)
1634.		Phosphorus	IS:3564, ASTM E415
1635.		Phosphorus	IS:3564, IS:228(P-3)
1636.		Sulphur	IS:3564, ASTM E415
1637.		Sulphur	IS:3564, IS:228(P-9)
1638.		Silicon	IS:3564, ASTM E415
1639.		Silicon	IS:3564, IS:228(P-8)
1640.		Vanadium	IS:3564, ASTM E415
1641.		Finish	IS:3564, IS:1868,
1642.	Aluminium Alloy Ingots for Bearings	Boron	IS:6754, ASTM E1251
1643.		Berellium	IS:6754, ASTM E1251
1644.	Aluminium Alloy Ingots for Bearings	Cadmium	IS:6754, ASTM E1251
1645.		Cobalt	IS:6754, IS:ASTM E1251
1646.		Chromium	IS:6754, IS:504(P-8)

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
1647.		Chromium	IS:6754, ASTM E1251
1648.		Copper	IS:6754, IS:504(P-3)
1649.		Copper	IS:6754, ASTM E1251
1650.		Iron	IS:6754, IS:504(P-2)
1651.		Iron	IS:6754, ASTM E1251
1652.		Magnesium	IS:6754, IS:504(P-6)
1653.		Magnesium	IS:6754, ASTM E1251
1654.		Manganese	IS:6754, IS:504(P-5)
1655.		Manganese	IS:6754, ASTM E1251
1656.		Nickel	IS:6754, IS:504(P-7)
1657.		Nickel	IS:6754, ASTM E1251
1658.		Lead	IS:6754, IS:504(P-1)
1659.		Lead	IS:6754, ASTM E1251
1660.		Antimony	IS:6754, IS:504(P-10)
1661.		Antimony	IS:6754, ASTM E1251
1662.		Silicon	IS:6754, IS:504(P-1)

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
1663.	Aluminium Alloy Ingots for Bearings	Silicon	IS:6754, ASTM E1251
1664.		Tin	IS:6754, IS:504(P-9)
1665.		Tin	IS:6754, ASTM E1251
1666.		Titanium	IS:6754, IS:504(P-11)
1667.		Titanium	IS:6754, ASTM E1251
1668.		Vanadium	IS:6754, IS:504(P-12)
1669.		Vanadium	IS:6754, ASTM E1251
1670.		Zinc	IS:6754, IS:504(P-5)
1671.		Zinc	IS:6754, ASTM E1251
1672.		Zirconium	IS:6754, ASTM E1251
1673.	Stainless steel plate, sheet and strip	Aluminium	IS:6911, JIS G 1253
1674.		Boron	IS:6911, JIS G 1253
1675.		Carbon	IS:6911, ASTM E1086 JIS G 1253
1676.		Carbon	IS:6911, IS:228(P-1)
1677.		Cobalt	IS:6911, ASTM E1086 JIS G 1253
1678.		Chromium	IS:6911, JIS G 1253

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
1679.	Stainless steel plate, sheet and strip	Chromium	IS:6911, IS:228(P-6)
1680.		Copper	IS:6911, ASTM E 1086, JIS G 1253
1681.		Manganese	IS:6911, ASTM E 1086, JIS G 1253
1682.		Manganese	IS:6911, IS:228(P-12)
1683.		Molybdenum	IS:6911, ASTM E 1086, JIS G 1253
1684.		Molybdenum	IS:6911, IS:228(P-10)
1685.		Nitrogen	IS:6911, JIS G 1253
1686.		Nitrogen	IS:6911, IS:228(P-19)
1687.		Niobium	IS:6911, JIS G 1253
1688.		Nickel	IS:6911, ASTM E 1086 JIS G 1253
1689.		Nickel	IS:6911, IS:228(P-5)
1690.		Phosphorus	IS:6911, ASTM E 1086 JIS G 1253
1691.		Phosphorus	IS:6911, IS:228(P-3)
1692.		Sulphur	IS:6911, ASTM E 1086 JIS G 1253
1693.		Sulphur	IS:6911, IS:228(P-9)
1694.		Silicon	IS:6911, ASTM E 1086 JIS G 1253

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
1695.		Silicon	IS:6911, IS:228(P-8)
1696.		Tin	IS:6911, JIS G 1253
1697.		Titanium	IS:6911, JIS G 1253
1698.		Vanadium	IS:6911, JIS G 1253
1699.		Tungsten	IS:6911, JIS G 1253
1700.		Zirconium	IS:6911, JIS G 1253
1701.	Aluminium Alloy Tubes for Irrigation Purposes - Part 1 : Welded Tubes	Boron	IS:7092(P-1), ASTM E1251
1702.		Berellium	IS:7092(P-1), ASTM E1251
1703.		Cadmium	IS:7092(P-1), ASTM E1251
1704.		Cobalt	IS:7092(P-1), IS:ASTM E1251
1705.		Chromium	IS:7092(P-1), IS:504(P-8)
1706.		Chromium	IS:7092(P-1), ASTM E1251
1707.	Aluminium Alloy Tubes for Irrigation Purposes - Part 1 : Welded Tubes	Copper	IS:7092(P-1), IS:504(P-3)
1708.		Copper	IS:7092(P-1), ASTM E1251
1709.		Iron	IS:7092(P-1), IS:504(P-2)
1710.		Iron	IS:7092(P-1), ASTM E1251

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
1711.		Magnesium	IS:7092(P-1), IS:504(P-6)
1712.		Magnesium	IS:7092(P-1), ASTM E1251
1713.		Manganese	IS:7092(P-1), IS:504(P-5)
1714.		Manganese	IS:7092(P-1), ASTM E1251
1715.		Nickel	IS:7092(P-1), IS:504(P-7)
1716.		Nickel	IS:7092(P-1), ASTM E1251
1717.		Lead	IS:7092(P-1), IS:504(P-1)
1718.		Lead	IS:7092(P-1), ASTM E1251
1719.		Antimony	IS:7092(P-1), IS:504(P-10)
1720.		Antimony	IS:7092(P-1), ASTM E1251
1721.		Silicon	IS:7092(P-1), IS:504(P-1)
1722.		Silicon	IS:7092(P-1), ASTM E1251
1723.		Tin	IS:7092(P-1), IS:504(P-9)
1724.		Tin	IS:7092(P-1), ASTM E1251
1725.		Titanium	IS:7092(P-1), IS:504(P-11)
1726.		Titanium	IS:7092(P-1), ASTM E1251

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
1727.		Vanadium	IS:7092(P-1), IS:504(P-12)
1728.		Vanadium	IS:7092(P-1), ASTM E1251
1729.	Aluminium Alloy Tubes for Irrigation Purposes - Part 1 : Welded Tubes	Zinc	IS:7092(P-1), IS:504(P-5)
1730.		Zinc	IS:7092(P-1), ASTM E1251
1731.		Zirconium	IS:7092(P-1), ASTM E1251
1732.		Finish	IS:7092(P-1)
1733.	Aluminium Alloy Tube for Irrigation Purposes - Part 2 : Extruded Tube	Boron	IS:7092(P-2), ASTM E1251
1734.		Berellium	IS:7092(P-2), ASTM E1251
1735.		Cadmium	IS:7092(P-2), ASTM E1251
1736.		Cobalt	IS:7092(P-2), IS:ASTM E1251
1737.		Chromium	IS:7092(P-2), IS:504(P-8)
1738.		Chromium	IS:7092(P-2), ASTM E1251
1739.		Copper	IS:7092(P-2), IS:504(P-3)
1740.		Copper	IS:7092(P-2), ASTM E1251
1741.		Iron	IS:7092(P-2), IS:504(P-2)
1742.		Iron	IS:7092(P-2), ASTM E1251

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
1743.		Magnesium	IS:7092(P-2), IS:504(P-6)
1744.		Magnesium	IS:7092(P-2), ASTM E1251
1745.		Manganese	IS:7092(P-2), IS:504(P-5)
1746.		Manganese	IS:7092(P-2), ASTM E1251
1747.		Nickel	IS:7092(P-2), IS:504(P-7)
1748.		Nickel	IS:7092(P-2), ASTM E1251
1749.	Aluminium Alloy Tube for Irrigation Purposes - Part 2 : Extruded Tube	Lead	IS:7092(P-2), IS:504(P-1)
1750.		Lead	IS:7092(P-2), ASTM E1251
1751.		Antimony	IS:7092(P-2), IS:504(P-10)
1752.		Antimony	IS:7092(P-2), ASTM E1251
1753.		Silicon	IS:7092(P-2), IS:504(P-1)
1754.		Silicon	IS:7092(P-2), ASTM E1251
1755.		Tin	IS:7092(P-2), IS:504(P-9)
1756.		Tin	IS:7092(P-2), ASTM E1251
1757.		Titanium	IS:7092(P-2), IS:504(P-11)
1758.		Titanium	IS:7092(P-2), ASTM E1251

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
1759.		Vanadium	IS:7092(P-2), IS:504(P-12)
1760.		Vanadium	IS:7092(P-2), ASTM E1251
1761.		Zinc	IS:7092(P-2), IS:504(P-5)
1762.		Zinc	IS:7092(P-2), ASTM E1251
1763.		Zirconium	IS:7092(P-2), ASTM E1251
1764.	Specificaition for sliding locking bolts for use with padlocks	Boron	IS:7534, ASTM E1251
1765.		Berellium	IS:7534, ASTM E1251
1766.		Cadmium	IS:7534, ASTM E1251
1767.		Cobalt	IS:7534, IS:ASTM E1251
1768.		Chromium	IS:7534, IS:504(P-8)
1769.	Specificaition for sliding locking bolts for use with padlocks	Chromium	IS:7534, ASTM E1251
1770.		Copper	IS:7534, IS:504(P-3)
1771.		Copper	IS:7534, ASTM E1251
1772.		Iron	IS:7534, IS:504(P-2)
1773.		Iron	IS:7534, ASTM E1251
1774.		Magnesium	IS:7534, IS:504(P-6)

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
1775.		Magnesium	IS:7534, ASTM E1251
1776.		Manganese	IS:7534, IS:504(P-5)
1777.		Manganese	IS:7534, ASTM E1251
1778.		Nickel	IS:7534, IS:504(P-7)
1779.		Nickel	IS:7534, ASTM E1251
1780.		Lead	IS:7534, IS:504(P-1)
1781.		Lead	IS:7534, ASTM E1251
1782.		Antimony	IS:7534, IS:504(P-10)
1783.		Antimony	IS:7534, ASTM E1251
1784.		Silicon	IS:7534, IS:504(P-1)
1785.		Silicon	IS:7534, ASTM E1251
1786.		Tin	IS:7534, IS:504(P-9)
1787.		Tin	IS:7534, ASTM E1251
1788.		Titanium	IS:7534, IS:504(P-11)
1789.		Titanium	IS:7534, ASTM E1251
1790.		Vanadium	IS:7534, IS:504(P-12)

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Chemical Testing

Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
1791.	Specification for sliding locking bolts for use with padlocks	Vanadium	IS:7534, ASTM E1251
1792.		Zinc	IS:7534, IS:504(P-5)
1793.		Zinc	IS:7534, ASTM E1251
1794.		Zirconium	IS:7534, ASTM E1251
1795.		Finish	IS:7534
1796.		Aluminium	IS:7534, ASTM E415
1797.		Carbon	IS:7534, ASTM E415
1798.		Carbon	IS:7534, IS:228(P-1)
1799.		Chromium	IS:7534, ASTM E415
1800.		Chromium	IS:7534, IS:228(P-6)
1801.		Copper	IS:7534, ASTM E415
1802.		Manganese	IS:7534, ASTM E415
1803.		Manganese	IS:7534, IS:228(P-2)
1804.		Molybdenum	IS:7534, ASTM E415
1805.		Molybdenum	IS:7534, IS:228(P-7)
1806.		Phosphorus	IS:7534, ASTM E415

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
1807.		Phosphorus	IS:7534, IS:228(P-3)
1808.		Sulphur	IS:7534, ASTM E415
1809.		Sulphur	IS:7534, IS:228(P-9)
1810.		Silicon	IS:7534, ASTM E415
1811.		Silicon	IS:7534, IS:228(P-8)
1812.	Specificaiton for sliding locking bolts for use with padlocks	Vanadium	IS:7534, ASTM E415
1813.		Finish	IS:7534, IS:1868,
1814.	Mild steel wire rods for general engineering purposes	Aluminium	IS:7887, ASTM E415
1815.		Cabon	IS:7887, ASTM E415
1816.		Cabon	IS:7887, IS:228(P-1)
1817.		Chromium	IS:7887, ASTM E415
1818.		Chromium	IS:7887, IS:228(P-6)
1819.		Copper	IS:7887, ASTM E415
1820.		Manganese	IS:7887, ASTM E415
1821.		Manganese	IS:7887, IS:228(P-2)
1822.		Molybdenum	IS:7887, ASTM E415

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
1823.		Molybdenum	IS:7887, IS:228(P-7)
1824.		Phosphorus	IS:7887, ASTM E415
1825.		Phosphorus	IS:7887, IS:228(P-3)
1826.		Sulphur	IS:7887, ASTM E415
1827.		Sulphur	IS:7887, IS:228(P-9)
1828.		Silicon	IS:7887, ASTM E415
1829.		Silicon	IS:7887, IS:228(P-8)
1830.		Vanadium	IS:7887, ASTM E415
1831.		Finish	IS:7887, IS:1868,
1832.		Finish	IS:10238
1833.	Fasteners - Threaded Steel Fastener - Step Bolts for Steel Structures	Mass of coating	IS:10238, IS1367 (Part13)
1834.		Uniformity of coating	IS:10238, IS1367 (Part13)
1835.		Adhesion	IS:10238, IS1367 (Part13)
1836.	Square Tins - 15 kg/litre For Ghee, Vanaspati, Edible Oils and Bakery Shortenings	Tin Coating Thickness and lacquer coating	IS:10325, IS:1327
1837.		Internal Finish	IS:10325
1838.		Outside Finish	IS:10325

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
1839.		Antimony Content	IS:10325, IS:998(p-1)
1840.	Hot-rolled Steel Strip for Welded Tubes and Pipes	Aluminium	IS:10748, ASTM E415
1841.		Carbon	IS:10748, ASTM E415
1842.		Carbon	IS:10748, IS:228(P-1)
1843.		Chromium	IS:10748, ASTM E415
1844.		Chromium	IS:10748, IS:228(P-6)
1845.		Copper	IS:10748, ASTM E415
1846.		Manganese	IS:10748, ASTM E415
1847.		Manganese	IS:10748, IS:228(P-2)
1848.		Molybdenum	IS:10748, ASTM E415
1849.		Molybdenum	IS:10748, IS:228(P-7)
1850.		Phosphorus	IS:10748, ASTM E415
1851.	Hot-rolled Steel Strip for Welded Tubes and Pipes	Phosphorus	IS:10748, IS:228(P-3)
1852.		Sulphur	IS:10748, ASTM E415
1853.		Sulphur	IS:10748, IS:228(P-9)
1854.		Silicon	IS:10748, ASTM E415

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
1855.		Silicon	IS:10748, IS:228(P-8)
1856.		Vanadium	IS:10748, ASTM E415
1857.		Aluminium	IS:11513, ASTM E415
1858.		Carbon	IS:11513, ASTM E415
1859.		Carbon	IS:11513, IS:228(P-1)
1860.		Chromium	IS:11513, ASTM E415
1861.		Chromium	IS:11513, IS:228(P-6)
1862.		Copper	IS:11513, ASTM E415
1863.	Hot Rolled Carbon Steel Strip for Cold Rolling Purposes	Manganese	IS:11513, ASTM E415
1864.		Manganese	IS:11513, IS:228(P-2)
1865.		Molybdenum	IS:11513, ASTM E415
1866.		Molybdenum	IS:11513, IS:228(P-7)
1867.		Phosphorus	IS:11513, ASTM E415
1868.		Phosphorus	IS:11513, IS:228(P-3)
1869.		Sulphur	IS:11513, ASTM E415
1870.		Sulphur	IS:11513, IS:228(P-9)

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
1871.		Silicon	IS:11513, ASTM E415
1872.	Hot Rolled Carbon Steel Strip for Cold Rolling Purposes	Silicon	IS:11513, IS:228(P-8)
1873.		Vanadium	IS:11513, ASTM E415
1874.	High Purity Aluminium Ingot For Remelting For Special Applications	Boron	IS:11890, ASTM E1251
1875.		Berellium	IS:11890, ASTM E1251
1876.		Cadmium	IS:11890, ASTM E1251
1877.		Cobalt	IS:11890, IS:ASTM E1251
1878.		Chromium	IS:11890, IS:504(P-8)
1879.		Chromium	IS:11890, ASTM E1251
1880.		Copper	IS:11890, IS:504(P-3)
1881.		Copper	IS:11890, ASTM E1251
1882.		Iron	IS:11890, IS:504(P-2)
1883.		Iron	IS:11890, ASTM E1251
1884.		Magnesium	IS:11890, IS:504(P-6)
1885.		Magnesium	IS:11890, ASTM E1251
1886.		Manganese	IS:11890, IS:504(P-5)

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
1887.		Manganese	IS:11890, ASTM E1251
1888.		Nickel	IS:11890, IS:504(P-7)
1889.		Nickel	IS:11890, ASTM E1251
1890.		Lead	IS:11890, IS:504(P-1)
1891.		Lead	IS:11890, ASTM E1251
1892.		Antimony	IS:11890, IS:504(P-10)
1893.		Antimony	IS:11890, ASTM E1251
1894.		Silicon	IS:11890, IS:504(P-1)
1895.		Silicon	IS:11890, ASTM E1251
1896.		Tin	IS:11890, IS:504(P-9)
1897.	High Purity Aluminium Ingot For Remelting For Special Applications	Tin	IS:11890, ASTM E1251
1898.		Titanium	IS:11890, IS:504(P-11)
1899.		Titanium	IS:11890, ASTM E1251
1900.		Vanadium	IS:11890, IS:504(P-12)
1901.		Vanadium	IS:11890, ASTM E1251
1902.		Zinc	IS:11890, IS:504(P-5)

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
1903.		Zinc	IS:11890,ASTM E1251
1904.		Zirconium	IS:11890,ASTM E1251
1905.		Galium	IS:11890,ASTM E1251
1906.	Stainless Steel Sinks For Domestic Purposes	Aluminium	IS:13983,JIS G 1253
1907.		Boron	IS:13983,JIS G 1253
1908.		Carbon	IS:13983, ASTM E1086 JIS G 1253
1909.		Carbon	IS:13983, IS:228(P-1)
1910.		Cobalt	IS:13983, ASTM E1086 JIS G 1253
1911.		Chromium	IS:13983,JIS G 1253
1912.		Chromium	IS:13983, IS:228(P-6)
1913.	Stainless Steel Sinks For Domestic Purposes	Copper	IS:13983,ASTM E 1086, JIS G 1253
1914.		Manganese	IS:13983,ASTM E 1086, JIS G 1253
1915.		Manganese	IS:13983, IS:228(P-12)
1916.		Molybdenum	IS:13983,ASTM E 1086, JIS G 1253
1917.		Molybdenum	IS:13983, IS:IS:228(P-10)
1918.		Nitrogen	IS:13983,JIS G 1253

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
1919.		Nitrogen	IS:13983, IS:228(P-19)
1920.		Niobium	IS:13983, JIS G 1253
1921.		Nickel	IS:13983, ASTM E 1086 JIS G 1253
1922.		Nickel	IS:13983, IS:228(P-5)
1923.		Phosphorus	IS:13983, ASTM E 1086 JIS G 1253
1924.		Phosphorus	IS:13983, IS:228(P-3)
1925.		Sulphur	IS:13983, ASTM E 1086 JIS G 1253
1926.		Sulphur	IS:13983, IS:228(P-9)
1927.		Silicon	IS:13983, ASTM E 1086 JIS G 1253
1928.		Silicon	IS:13983, IS:228(P-8)
1929.		Tin	IS:13983, JIS G 1253
1930.		Titanium	IS:13983, JIS G 1253
1931.		Vanadium	IS:13983, JIS G 1253
1932.		Tungsten	IS:13983, JIS G 1253
1933.	Stainless Steel Sinks For	Zirconium	IS:13983, JIS G 1253
1934.	Domestic Purposes	Finish	IS:13983

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
1935.	Industrial Fasteners - Hexagon Nuts of Product Grade C - Hot-Dip Galvanized (Size Range M12 to M36)	Surface Finish	IS:14394
1936.	Door Closers, Concealed Type (Hydraulically Regulated)	Aluminium	IS:14912, ASTM E 1999
1937.		Boron	IS:14912, ASTM E 1999
1938.		Carbon	IS:14912, ASTM E 1999
1939.		Carbon	IS:14912, IS:12308(P-11)
1940.		Cobalt	IS:14912, ASTM E 1999
1941.		Chromium	IS:14912, ASTM E 1999
1942.		Chromium	IS:14912, IS:12308(P-8)
1943.		Copper	IS:14912, ASTM E 1999
1944.		Magnesium	IS:14912, ASTM E 1999
1945.		Manganese	IS:14912, ASTM E 1999
1946.		Manganese	IS:14912, IS:12308(P-10)
1947.		Molybdenum	IS:14912, ASTM E 1999
1948.		Molybdenum	IS:14912, IS:12308(P-9)

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
1949.	Door Closers, Concealed Type (Hydraulically Regulated)	Nickel	IS:14912, ASTM E 1999
1950.		Nickel	IS:14912, IS:12308(P-7)
1951.		Phosphorus	IS:14912, ASTM E 1999
1952.		Phosphorus	IS:14912, IS:12308(P-5)
1953.		Sulphur	IS:14912, ASTM E 1999
1954.		Silicon	IS:14912, ASTM E 1999
1955.		Silicon	IS:14912, IS:12308(P-6)
1956.		Tin	IS:14912, ASTM E 1999
1957.		Titanium	IS:14912, ASTM E 1999
1958.		Vanadium	IS:14912, ASTM E 1999
1959.		Silver	IS:14912, BS EN 15079
1960.		Aluminium	IS:14912, BS EN 15079
1961.		Arsenic	IS:14912, IS:440
1962.		Arsenic	IS:14912, BS EN 15079
1963.		Bismuth	IS:14912, IS:440
1964.		Bismuth	IS:14912, BS EN 15079

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
1965.		Iron	IS:14912, BS EN 15079
1966.		Iron	IS:14912, IS:440
1967.		Manganese	IS:14912, BS EN 15079
1968.		Nickel	IS:14912, IS:440
1969.		Nickel	IS:14912, BS EN 15079
1970.		Phosphorus	IS:14912, IS:440
1971.		Phosphorus	IS:14912, BS EN 15079
1972.		Lead	IS:14912, IS:440
1973.	Door Closers, Concealed Type (Hydraulically Regulated)	Lead	IS:14912, BS EN 15079
1974.		Sulphur	IS:14912, BS EN 15079
1975.		Antimony	IS:14912, IS:440
1976.		Antimony	IS:14912, BS EN 15079
1977.		Tin	IS:14912, IS:440
1978.		Tin	IS:14912, BS EN 15079
1979.		Zinc	IS:14912, BS EN 15079
1980.		Copper	IS:14912, IS:440

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	Metals & Alloys		
1981.		Boron	IS:14912, ASTM E1251
1982.		Berellium	IS:14912, ASTM E1251
1983.		Cadmium	IS:14912, ASTM E1251
1984.		Cobalt	IS:14912, IS:ASTM E1251
1985.		Chromium	IS:14912, IS:504(P-8)
1986.		Chromium	IS:14912, ASTM E1251
1987.		Copper	IS:14912, IS:504(P-3)
1988.		Copper	IS:14912, ASTM E1251
1989.		Iron	IS:14912, IS:504(P-2)
1990.		Iron	IS:14912, ASTM E1251
1991.		Magnesium	IS:14912, IS:504(P-6)
1992.		Magnesium	IS:14912, ASTM E1251
1993.		Manganese	IS:14912, IS:504(P-5)
1994.	Door Closers, Concealed Type (Hydraulically Regulated)	Manganese	IS:14912, ASTM E1251
1995.		Nickel	IS:14912, IS:504(P-7)
1996.		Nickel	IS:14912, ASTM E1251

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	Metals & Alloys		
1997.		Lead	IS:14912, IS:504(P-1)
1998.		Lead	IS:14912, ASTM E1251
1999.		Antimony	IS:14912, IS:504(P-10)
2000.		Antimony	IS:14912, ASTM E1251
2001.		Silicon	IS:14912, IS:504(P-1)
2002.		Silicon	IS:14912, ASTM E1251
2003.		Tin	IS:14912, IS:504(P-9)
2004.		Tin	IS:14912, ASTM E1251
2005.		Titanium	IS:14912, IS:504(P-11)
2006.		Titanium	IS:14912, ASTM E1251
2007.		Vanadium	IS:14912, IS:504(P-12)
2008.		Vanadium	IS:14912, ASTM E1251
2009.		Zinc	IS:14912, IS:504(P-5)
2010.		Zinc	IS:14912, ASTM E1251
2011.		Zirconium	IS:14912, ASTM E1251
2012.		Finish	IS:14912, IS:1868, IS:5523

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Chemical Testing

Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
2013.	Door Closers, Concealed Type (Hydraulically Regulated)	Aluminium	IS:14912, ASTM E415
2014.		Cabon	IS:14912, ASTM E415
2015.		Cabon	IS:14912, IS:228(P-1)
2016.		Chromium	IS:14912, ASTM E415
2017.		Chromium	IS:14912, IS:228(P-6)
2018.		Copper	IS:14912, ASTM E415
2019.		Manganese	IS:14912, ASTM E415
2020.		Manganese	IS:14912, IS:228(P-2)
2021.		Molybdenum	IS:14912, ASTM E415
2022.		Molybdenum	IS:14912, IS:228(P-7)
2023.		Phosphorus	IS:14912, ASTM E415
2024.		Phosphorus	IS:14912, IS:228(P-3)
2025.		Sulphur	IS:14912, ASTM E415
2026.		Sulphur	IS:14912, IS:228(P-9)
2027.		Silicon	IS:14912, ASTM E415
2028.		Silicon	IS:14912, IS:228(P-8)

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
2029.	Stainless Steel Sliding Door Bolts (Aldrops) for Use With Padlocks	Vanadium	IS:14912, ASTM E415
2030.		Finish	IS:149124, IS:1868,
2031.		Aluminium	IS:15834, JIS G 1253
2032.		Boron	IS:15834, JIS G 1253
2033.		Carbon	IS:15834, ASTM E1086 JIS G 1253
2034.		Carbon	IS:15834, IS:228(P-1)
2035.		Cobalt	IS:15834, ASTM E1086 JIS G 1253
2036.		Chromium	IS:15834, JIS G 1253
2037.		Chromium	IS:15834, IS:228(P-6)
2038.		Copper	IS:15834, ASTM E 1086, JIS G 1253
2039.	Stainless Steel Sliding Door Bolts (Aldrops) for Use With Padlocks	Manganese	IS:15834, ASTM E 1086, JIS G 1253
2040.		Manganese	IS:15834, IS:228(P-12)
2041.		Molybdenum	IS:15834, ASTM E 1086, JIS G 1253
2042.		Molybdenum	IS:15834, IS:IS:228(P-10)
2043.		Nitrogen	IS:15834, JIS G 1253
2044.		Nitrogen	IS:15834, IS:228(P-19)

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
2045.		Niobium	IS:15834, JIS G 1253
2046.		Nickel	IS:15834, ASTM E 1086 JIS G 1253
2047.		Nickel	IS:15834, IS:228(P-5)
2048.		Phosphorus	IS:15834, ASTM E 1086 JIS G 1253
2049.		Phosphorus	IS:15834, IS:228(P-3)
2050.		Sulphur	IS:15834, ASTM E 1086 JIS G 1253
2051.		Sulphur	IS:15834, IS:228(P-9)
2052.		Silicon	IS:15834, ASTM E 1086 JIS G 1253
2053.		Silicon	IS:15834, IS:228(P-8)
2054.		Tin	IS:15834, JIS G 1253
2055.		Titanium	IS:15834, JIS G 1253
2056.		Vanadium	IS:15834, JIS G 1253
2057.		Tungsten	IS:15834, JIS G 1253
2058.	Stainless Steel Sliding Door Bolts (Aldrops) for Use With Padlocks	Zirconium	IS:15834, JIS G 1253
2059.		Aluminium	IS:15961, ASTM E415
2060.		Cabon	IS:15961, ASTM E415

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
2061.	Hot Dip Aluminium-Zinc Alloy Metallic Coated Steel Strip and Sheet (Plain)	Carbon	IS:15961, IS:228(P-1)
2062.		Chromium	IS:15961, ASTM E415
2063.		Chromium	IS:15961, IS:228(P-6)
2064.		Copper	IS:15961, ASTM E415
2065.		Manganese	IS:15961, ASTM E415
2066.		Manganese	IS:15961, IS:228(P-2)
2067.		Molybdenum	IS:15961, ASTM E415
2068.		Molybdenum	IS:15961, IS:228(P-7)
2069.		Phosphorus	IS:15961, ASTM E415
2070.		Phosphorus	IS:15961, IS:228(P-3)
2071.		Sulphur	IS:15961, ASTM E415
2072.		Sulphur	IS:15961, IS:228(P-9)
2073.		Silicon	IS:15961, ASTM E415
2074.		Silicon	IS:15961, IS:228(P-8)
2075.		Vanadium	IS:15961, ASTM E415
2076.		Coating	IS:159614, IS:1868,

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Chemical Testing

Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
2077.		Adhesion Test	IS:15961
2078.	Stainless Steel Vacuum Flasks	Aluminium	IS:17526, JIS G 1253
2079.	Stainless Steel Vacuum Flasks	Boron	IS:17526, JIS G 1253
2080.	Stainless Steel Vacuum Flasks	Carbon	IS:17526, ASTM E1086 JIS G 1253
2081.	Stainless Steel Vacuum Flasks	Carbon	IS:17526, IS:228(P-1)
2082.	Stainless Steel Vacuum Flasks	Cobalt	IS:17526, ASTM E1086 JIS G 1253
2083.	Stainless Steel Vacuum Flasks	Chromium	IS:17526, JIS G 1253
2084.	Stainless Steel Vacuum Flasks	Chromium	IS:17526, IS:228(P-6)
2085.	Stainless Steel Vacuum Flasks	Copper	IS:17526, ASTM E 1086, JIS G 1253
2086.	Stainless Steel Vacuum Flasks	Manganese	IS:17526, ASTM E 1086, JIS G 1253
2087.	Stainless Steel Vacuum Flasks	Manganese	IS:17526, IS:228(P-12)
2088.	Stainless Steel Vacuum Flasks	Molybdenum	IS:17526, ASTM E 1086, JIS G 1253
2089.	Stainless Steel Vacuum Flasks	Molybdenum	IS:17526, IS:IS:228(P-10)
2090.	Stainless Steel Vacuum Flasks	Nitrogen	IS:17526, JIS G 1253
2091.	Stainless Steel Vacuum Flasks	Nitrogen	IS:17526, IS:228(P-19)
2092.	Stainless Steel Vacuum Flasks	Niobium	IS:17526, JIS G 1253

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
2093.	Stainless Steel Vacuum Flasks	Nickel	IS:17526, ASTM E 1086 JIS G 1253
2094.	Stainless Steel Vacuum Flasks	Nickel	IS:17526, IS:228(P-5)
2095.	Stainless Steel Vacuum Flasks	Phosphorus	IS:17526, ASTM E 1086 JIS G 1253
2096.	Stainless Steel Vacuum Flasks	Phosphorus	IS:17526, IS:228(P-3)
2097.	Stainless Steel Vacuum Flasks	Sulphur	IS:17526, ASTM E 1086 JIS G 1253
2098.	Stainless Steel Vacuum Flasks	Sulphur	IS:17526, IS:228(P-9)
2099.	Stainless Steel Vacuum Flasks	Silicon	IS:17526, ASTM E 1086 JIS G 1253
2100.	Stainless Steel Vacuum Flasks	Silicon	IS:17526, IS:228(P-8)
2101.	Stainless Steel Vacuum Flasks	Tin	IS:17526, JIS G 1253
2102.	Stainless Steel Vacuum Flasks	Titanium	IS:17526, JIS G 1253
2103.	Stainless Steel Vacuum Flasks	Vanadium	IS:17526, JIS G 1253
2104.	Stainless Steel Vacuum Flasks	Tungsten	IS:17526, JIS G 1253
2105.	Stainless Steel Vacuum Flasks	Zirconium	IS:17526, JIS G 1253
2106.	Specification for Bottled water dispensers	Aluminium	IS:17681, JIS G 1253
2107.		Boron	IS:17681, JIS G 1253
2108.		Carbon	IS:17681, ASTM E1086 JIS G 1253

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
2109.		Carbon	IS:17681, IS:228(P-1)
2110.		Cobalt	IS:17681, ASTM E1086 JIS G 1253
2111.		Chromium	IS:17681, JIS G 1253
2112.		Chromium	IS:17681, IS:228(P-6)
2113.		Copper	IS:17681, ASTM E 1086, JIS G 1253
2114.		Manganese	IS:17681, ASTM E 1086, JIS G 1253
2115.		Manganese	IS:17681, IS:228(P-12)
2116.		Molybdenum	IS:17681, ASTM E 1086, JIS G 1253
2117.		Molybdenum	IS:17681, IS:228(P-10)
2118.		Nitrogen	IS:17681, JIS G 1253
2119.		Nitrogen	IS:17681, IS:228(P-19)
2120.		Niobium	IS:17681, JIS G 1253
2121.		Nickel	IS:17681, ASTM E 1086 JIS G 1253
2122.	Specification for Bottled water dispensers	Nickel	IS:17681, IS:228(P-5)
2123.		Phosphorus	IS:17681, ASTM E 1086 JIS G 1253
2124.		Phosphorus	IS:17681, IS:228(P-3)

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
2125.		Sulphur	IS:17681, ASTM E 1086 JIS G 1253
2126.		Sulphur	IS:17681, IS:228(P-9)
2127.		Silicon	IS:17681, ASTM E 1086 JIS G 1253
2128.		Silicon	IS:17681, IS:228(P-8)
2129.		Tin	IS:17681, JIS G 1253
2130.		Titanium	IS:17681, JIS G 1253
2131.		Vanadium	IS:17681, JIS G 1253
2132.		Tungsten	IS:17681, JIS G 1253
2133.		Zirconium	IS:17681, JIS G 1253
2134.		Silver	IS:17803, BS EN 15079
2135.	Potable Water Bottles (Copper, Stainless Steel, Aluminium) Specification	Aluminium	IS:17803, BS EN 15079
2136.		Arsenic	IS:17803, IS:440
2137.		Arsenic	IS:17803, BS EN15079
2138.		Bismuth	IS:17803, IS:440
2139.		Bismuth	IS:17803, BS EN 15079
2140.		Iron	IS:17803, BS EN 15079

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
2141.		Iron	IS:17803,IS:440
2142.		Manganese	IS:17803,BS EN 15079
2143.		Nickel	IS:17803,IS:440
2144.		Nickel	IS:17803,BS EN 15079
2145.		Phosphorus	IS:17803,IS:440
2146.		Phosphorus	IS:17803,BS EN 15079
2147.		Lead	IS:17803,IS:440
2148.	Potable Water Bottles (Copper, Stainless Steel, Aluminium) Specification	Lead	IS:17803,BS EN 15079
2149.		Sulphur	IS:17803,BS EN 15079
2150.		Antimony	IS:17803,IS:440
2151.		Antimony	IS:17803,BS EN 15079
2152.		Tin	IS:17803,IS:440
2153.		Tin	IS:17803,BS EN 15079
2154.		Zinc	IS:17803,BS EN 15079
2155.		Copper	IS:17803,IS:440
2156.		Aluminium	IS:17803,IS G 1253

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
2157.		Boron	IS:17803, JIS G 1253
2158.		Carbon	IS:17803, ASTM E1086 JIS G 1253
2159.		Carbon	IS:17803, IS:228(P-1)
2160.		Cobalt	IS:17803, ASTM E1086 JIS G 1253
2161.		Chromium	IS:17803, JIS G 1253
2162.		Chromium	IS:17803, IS:228(P-6)
2163.		Copper	IS:17803, ASTM E 1086, JIS G 1253
2164.		Manganese	IS:17803, ASTM E 1086, JIS G 1253
2165.		Manganese	IS:17803, IS:228(P-12)
2166.		Molybdenum	IS:17803, ASTM E 1086, JIS G 1253
2167.	Potable Water Bottles (Copper, Stainless Steel, Aluminium) Specification	Molybdenum	IS:17803, IS:228(P-10)
2168.		Nitrogen	IS:17803, JIS G 1253
2169.		Nitrogen	IS:17803, IS:228(P-19)
2170.		Niobium	IS:17803, JIS G 1253
2171.		Nickel	IS:17803, ASTM E 1086 JIS G 1253
2172.		Nickel	IS:17803, IS:228(P-5)

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
2173.		Phosphorus	IS:17803, ASTM E 1086 JIS G 1253
2174.		Phosphorus	IS:17803, IS:228(P-3)
2175.		Sulphur	IS:17803, ASTM E 1086 JIS G 1253
2176.		Sulphur	IS:17803, IS:228(P-9)
2177.		Silicon	IS:17803, ASTM E 1086 JIS G 1253
2178.		Silicon	IS:17803, IS:228(P-8)
2179.		Tin	IS:17803, JIS G 1253
2180.		Titanium	IS:17803, JIS G 1253
2181.		Vanadium	IS:17803, JIS G 1253
2182.		Tungsten	IS:17803, JIS G 1253
2183.		Zirconium	IS:17803, JIS G 1253
2184.	Tower Bolts - Specification: Part-1 Ferrous Metals	Aluminium	IS:204(P-1), ASTM E 1999
2185.		Boron	IS:204(P-1), ASTM E 1999
2186.		Carbon	IS:204(P-1), ASTM E 1999
2187.		Carbon	IS:204(P-1), IS:12308(P-11)
2188.		Cobalt	IS:204(P-1), ASTM E 1999

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	Metals & Alloys		
2189.		Chromium	IS:204(P-1), ASTM E 1999
2190.		Chromium	IS:204(P-1), IS:12308(P-8)
2191.		Copper	IS:204(P-1), ASTM E 1999
2192.		Magnesium	IS:204(P-1), ASTM E 1999
2193.		Manganese	IS:204(P-1), ASTM E 1999
2194.		Manganese	IS:204(P-1), IS:12308(P-10)
2195.		Molybdenum	IS:204(P-1), ASTM E 1999
2196.		Molybdenum	IS:204(P-1), IS:12308(P-9)
2197.		Nickel	IS:204(P-1), ASTM E 1999
2198.		Nickel	IS:204(P-1), IS:12308(P-7)
2199.		Phosphorus	IS:204(P-1), ASTM E 1999
2200.		Phosphorus	IS:204(P-1), IS:12308(P-5)
2201.		Sulphur	IS:204(P-1), ASTM E 1999
2202.		Silicon	IS:204(P-1), ASTM E 1999
2203.		Silicon	IS:204(P-1), IS:12308(P-6)
2204.		Tin	IS:204(P-1), ASTM E 1999

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
2205.	Tower Bolts - Specification: Part-1 Ferrous Metals	Titanium	IS:204(P-1), ASTM E 1999
2206.		Vanadium	IS:204(P-1), ASTM E 1999
2207.		Aluminium	IS:204(P-1), ASTM E415
2208.		Carbon	IS:204(P-1), ASTM E415
2209.		Carbon	IS:204(P-1), IS:228(P-1)
2210.		Chromium	IS:204(P-1), ASTM E415
2211.		Chromium	IS:204(P-1), IS:228(P-6)
2212.		Copper	IS:204(P-1), ASTM E415
2213.		Manganese	IS:204(P-1), ASTM E415
2214.		Manganese	IS:204(P-1), IS:228(P-2)
2215.		Molybdenum	IS:204(P-1), ASTM E415
2216.		Molybdenum	IS:204(P-1), IS:228(P-7)
2217.		Phosphorus	IS:204(P-1), ASTM E415
2218.		Phosphorus	IS:204(P-1), IS:228(P-3)
2219.		Sulphur	IS:204(P-1), ASTM E415
2220.		Sulphur	IS:204(P-1), IS:228(P-9)

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Bahadurgarh, Jhajjar-124507, Haryana, India

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Accreditation Standard: ISO/IEC 17025:2017

Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
2221.		Silicon	IS:204(P-1), ASTM E415
2222.		Silicon	IS:204(P-1), IS:228(P-8)
2223.		Vanadium	IS:204(P-1), ASTM E415
2224.		Ni-Cr-Plated	IS:204(P-1), IS:1068, IS:3203 (Microscopic Method)
2225.		Copper Oxidize	IS:204(P-1), IS:1068, IS:3203 (Microscopic Method)
2226.	Tower Bolts - Specificaion: Part-1 Ferrous Metals	Zinc Plated	IS:204(P-1), IS:1573
2227.	Tower Bolts - Specification Part-2 Non-Ferrous Metals	Aluminium	IS:204(P-2), ASTM E 1999
2228.		Boron	IS:204(P-2), ASTM E 1999
2229.		Carbon	IS:204(P-2), ASTM E 1999
2230.		Carbon	IS:204(P-2), IS:12308(P-11)
2231.		Cobalt	IS:204(P-2), ASTM E 1999
2232.		Chromium	IS:204(P-2), ASTM E 1999
2233.		Chromium	IS:204(P-2), IS:12308(P-8)
2234.		Copper	IS:204(P-2), ASTM E 1999
2235.		Magnesium	IS:204(P-2), ASTM E 1999

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
2236.		Manganese	IS:204(P-2), ASTM E 1999
2237.		Manganese	IS:204(P-2), IS:12308(P-10)
2238.		Molybdenum	IS:204(P-2), ASTM E 1999
2239.		Molybdenum	IS:204(P-2), IS:12308(P-9)
2240.		Nickel	IS:204(P-2), ASTM E 1999
2241.		Nickel	IS:204(P-2), IS:12308(P-7)
2242.		Phosphorus	IS:204(P-2), ASTM E 1999
2243.		Phosphorus	IS:204(P-2), IS:12308(P-5)
2244.		Sulphur	IS:204(P-2), ASTM E 1999
2245.		Silicon	IS:204(P-2), ASTM E 1999
2246.		Silicon	IS:204(P-2), IS:12308(P-6)
2247.	Tower Bolts - Specification Part-2 Non-Ferrous Metals	Tin	IS:204(P-2), ASTM E 1999
2248.		Titanium	IS:204(P-2), ASTM E 1999
2249.		Vanadium	IS:204(P-2), ASTM E 1999
2250.		Aluminium	IS:204(P-2), ASTM E415
2251.		Carbon	IS:204(P-2), ASTM E415

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
2252.		Carbon	IS:204(P-2), IS:228(P-1)
2253.		Chromium	IS:204(P-2), ASTM E415
2254.		Chromium	IS:204(P-2), IS:228(P-6)
2255.		Copper	IS:204(P-2), ASTM E415
2256.		Manganese	IS:204(P-2), ASTM E415
2257.		Manganese	IS:204(P-2), IS:228(P-2)
2258.		Molybdenum	IS:204(P-2), ASTM E415
2259.		Molybdenum	IS:204(P-2), IS:228(P-7)
2260.		Phosphorus	IS:204(P-2), ASTM E415
2261.		Phosphorus	IS:204(P-2), IS:228(P-3)
2262.		Sulphur	IS:204(P-2), ASTM E415
2263.		Sulphur	IS:204(P-2), IS:228(P-9)
2264.		Silicon	IS:204(P-2), ASTM E415
2265.		Silicon	IS:204(P-2), IS:228(P-8)
2266.		Vanadium	IS:204(P-2), ASTM E415
2267.		Ni-Cr-Plated	IS:204(P-1), IS:1068, IS:3203 (Microscopic Method)

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
2268.	Tower Bolts - Specification Part-2 Non-Ferrous Metals	Copper Oxidize	IS:204(P-1),IS:1068,IS:3203 (Microscopic Method)
2269.		Zinc Plated	IS:204(P-2),IS:1573
2270.	Non-Ferrous Metal Butt Hinges	Aluminium	IS:205,JIS G 1253
2271.	Non-Ferrous Metal Butt Hinges	Boron	IS:205,JIS G 1253
2272.	Non-Ferrous Metal Butt Hinges	Carbon	IS:205, ASTM E1086 JIS G 1253
2273.	Non-Ferrous Metal Butt Hinges	Carbon	IS:205, IS:228(P-1)
2274.	Non-Ferrous Metal Butt Hinges	Cobalt	IS:205, ASTM E1086 JIS G 1253
2275.	Non-Ferrous Metal Butt Hinges	Chromium	IS:205,JIS G 1253
2276.	Non-Ferrous Metal Butt Hinges	Chromium	IS:205, IS:228(P-6)
2277.	Non-Ferrous Metal Butt Hinges	Copper	IS:205,ASTM E 1086, JIS G 1253
2278.	Non-Ferrous Metal Butt Hinges	Manganese	IS:205,ASTM E 1086, JIS G 1253
2279.	Non-Ferrous Metal Butt Hinges	Manganese	IS:205, IS:228(P-12)
2280.	Non-Ferrous Metal Butt Hinges	Molybdenum	IS:205,ASTM E 1086, JIS G 1253
2281.	Non-Ferrous Metal Butt Hinges	Molybdenum	IS:205, IS:IS:228(P-10)
2282.	Non-Ferrous Metal Butt Hinges	Nitrogen	IS:205,JIS G 1253
2283.	Non-Ferrous Metal Butt Hinges	Nitrogen	IS:205, IS:228(P-19)

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
2284.	Non-Ferrous Metal Butt Hinges	Niobium	IS:205, JIS G 1253
2285.	Non-Ferrous Metal Butt Hinges	Nickel	IS:205, ASTM E 1086 JIS G 1253
2286.	Non-Ferrous Metal Butt Hinges	Nickel	IS:205, IS:228(P-5)
2287.	Non-Ferrous Metal Butt Hinges	Phosphorus	IS:205, ASTM E 1086 JIS G 1253
2288.	Non-Ferrous Metal Butt Hinges	Phosphorus	IS:205, IS:228(P-3)
2289.	Non-Ferrous Metal Butt Hinges	Sulphur	IS:205, ASTM E 1086 JIS G 1253
2290.	Non-Ferrous Metal Butt Hinges	Sulphur	IS:205, IS:228(P-9)
2291.	Non-Ferrous Metal Butt Hinges	Silicon	IS:205, ASTM E 1086 JIS G 1253
2292.	Non-Ferrous Metal Butt Hinges	Silicon	IS:205, IS:228(P-8)
2293.	Non-Ferrous Metal Butt Hinges	Tin	IS:205, JIS G 1253
2294.	Non-Ferrous Metal Butt Hinges	Titanium	IS:205, JIS G 1253
2295.	Non-Ferrous Metal Butt Hinges	Vanadium	IS:205, JIS G 1253
2296.	Non-Ferrous Metal Butt Hinges	Tungsten	IS:205, JIS G 1253
2297.	Non-Ferrous Metal Butt Hinges	Zirconium	IS:205, JIS G 1253
2298.	Non-Ferrous Metal Butt Hinges	Silver	IS:205, BS EN 15079
2299.	Non-Ferrous Metal Butt Hinges	Aluminium	IS:205, BS EN 15079

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
2300.	Non-Ferrous Metal Butt Hinges	Arsenic	IS:205,IS:440
2301.	Non-Ferrous Metal Butt Hinges	Arsenic	IS:205,BS EN 15079
2302.	Non-Ferrous Metal Butt Hinges	Bismuth	IS:205,IS:440
2303.	Non-Ferrous Metal Butt Hinges	Bismuth	IS:205,BS EN 15079
2304.	Non-Ferrous Metal Butt Hinges	Iron	IS:205,BS EN 15079
2305.	Non-Ferrous Metal Butt Hinges	Iron	IS:205,IS:440
2306.	Non-Ferrous Metal Butt Hinges	Manganese	IS:205,BS EN 15079
2307.	Non-Ferrous Metal Butt Hinges	Nickel	IS:205,IS:440
2308.	Non-Ferrous Metal Butt Hinges	Nickel	IS:205,BS EN 15079
2309.	Non-Ferrous Metal Butt Hinges	Phosphorus	IS:205,IS:440
2310.	Non-Ferrous Metal Butt Hinges	Phosphorus	IS:205,BS EN 15079
2311.	Non-Ferrous Metal Butt Hinges	Lead	IS:205,IS:440
2312.	Non-Ferrous Metal Butt Hinges	Lead	IS:205,BS EN 15079
2313.	Non-Ferrous Metal Butt Hinges	Sulphur	IS:205,BS EN 15079
2314.	Non-Ferrous Metal Butt Hinges	Antimony	IS:205,IS:440
2315.	Non-Ferrous Metal Butt Hinges	Antimony	IS:205,BS EN 15079

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
2316.	Non-Ferrous Metal Butt Hinges	Tin	IS:205,IS:440
2317.	Non-Ferrous Metal Butt Hinges	Tin	IS:205,BS EN 15079
2318.	Non-Ferrous Metal Butt Hinges	Zinc	IS:205,BS EN 15079
2319.	Non-Ferrous Metal Butt Hinges	Copper	IS:205,IS:440
2320.	Non-Ferrous Metal Butt Hinges	Aluminium	IS:205, ASTM E415
2321.	Non-Ferrous Metal Butt Hinges	Carbon	IS:205, ASTM E415
2322.	Non-Ferrous Metal Butt Hinges	Carbon	IS:205,IS:228(P-1)
2323.	Non-Ferrous Metal Butt Hinges	Chromium	IS:205, ASTM E415
2324.	Non-Ferrous Metal Butt Hinges	Chromium	IS:205, IS:228(P-6)
2325.	Non-Ferrous Metal Butt Hinges	Copper	IS:205, ASTM E415
2326.	Non-Ferrous Metal Butt Hinges	Manganese	IS:205, ASTM E415
2327.	Non-Ferrous Metal Butt Hinges	Manganese	IS:205,IS:228(P-2)
2328.	Non-Ferrous Metal Butt Hinges	Molybdenum	IS:205, ASTM E415
2329.	Non-Ferrous Metal Butt Hinges	Molybdenum	IS:205, IS:228(P-7)
2330.	Non-Ferrous Metal Butt Hinges	Phosphorus	IS:205, ASTM E415
2331.	Non-Ferrous Metal Butt Hinges	Phosphorus	IS:205, IS:228(P-3)

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
2332.	Non-Ferrous Metal Butt Hinges	Sulphur	IS:205, ASTM E415
2333.	Non-Ferrous Metal Butt Hinges	Sulphur	IS:205, IS:228(P-9)
2334.	Non-Ferrous Metal Butt Hinges	Silicon	IS:205, ASTM E415
2335.	Non-Ferrous Metal Butt Hinges	Silicon	IS:205, IS:228(P-8)
2336.	Non-Ferrous Metal Butt Hinges	Vanadium	IS:205, ASTM E415
2337.	Non-Ferrous Metal Butt Hinges	Boron	IS:205, ASTM E1251
2338.	Non-Ferrous Metal Butt Hinges	Berellium	IS:205, ASTM E1251
2339.	Non-Ferrous Metal Butt Hinges	Cadmium	IS:205, ASTM E1251
2340.	Non-Ferrous Metal Butt Hinges	Cobalt	IS:205, IS:ASTM E1251
2341.	Non-Ferrous Metal Butt Hinges	Chromium	IS:205, IS:504(P-8)
2342.	Non-Ferrous Metal Butt Hinges	Chromium	IS:205, ASTM E1251
2343.	Non-Ferrous Metal Butt Hinges	Copper	IS:205, IS:504(P-3)
2344.	Non-Ferrous Metal Butt Hinges	Copper	IS:205, ASTM E1251
2345.	Non-Ferrous Metal Butt Hinges	Iron	IS:205, IS:504(P-2)
2346.	Non-Ferrous Metal Butt Hinges	Iron	IS:205, ASTM E1251
2347.	Non-Ferrous Metal Butt Hinges	Magnesium	IS:205, IS:504(P-6)

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
2348.	Non-Ferrous Metal Butt Hinges	Magnesium	IS:205, ASTM E1251
2349.	Non-Ferrous Metal Butt Hinges	Manganese	IS:205, IS:504(P-5)
2350.	Non-Ferrous Metal Butt Hinges	Manganese	IS:205, ASTM E1251
2351.	Non-Ferrous Metal Butt Hinges	Nickel	IS:205, IS:504(P-7)
2352.	Non-Ferrous Metal Butt Hinges	Nickel	IS:205, ASTM E1251
2353.	Non-Ferrous Metal Butt Hinges	Lead	IS:205, IS:504(P-1)
2354.	Non-Ferrous Metal Butt Hinges	Lead	IS:205, ASTM E1251
2355.	Non-Ferrous Metal Butt Hinges	Antimony	IS:205, IS:504(P-10)
2356.	Non-Ferrous Metal Butt Hinges	Antimony	IS:205, ASTM E1251
2357.	Non-Ferrous Metal Butt Hinges	Silicon	IS:205, IS:504(P-1)
2358.	Non-Ferrous Metal Butt Hinges	Silicon	IS:205, ASTM E1251
2359.	Non-Ferrous Metal Butt Hinges	Tin	IS:205, IS:504(P-9)
2360.	Non-Ferrous Metal Butt Hinges	Tin	IS:205, ASTM E1251
2361.	Non-Ferrous Metal Butt Hinges	Titanium	IS:205, IS:504(P-11)
2362.	Non-Ferrous Metal Butt Hinges	Titanium	IS:205, ASTM E1251
2363.	Non-Ferrous Metal Butt Hinges	Vanadium	IS:205, IS:504(P-12)

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
2364.	Non-Ferrous Metal Butt Hinges	Vanadium	IS:205, ASTM E1251
2365.	Non-Ferrous Metal Butt Hinges	Zinc	IS:205, IS:504(P-5)
2366.	Non-Ferrous Metal Butt Hinges	Zinc	IS:205, ASTM E1251
2367.	Non-Ferrous Metal Butt Hinges	Zirconium	IS:205, ASTM E1251
2368.	Non-Ferrous Metal Butt Hinges	Finish	IS:205, IS:1868, IS:5523
2369.	Tee and Strap Hinges	Aluminium	IS:206, ASTM E415
2370.	Tee and Strap Hinges	Carbon	IS:206, ASTM E415
2371.	Tee and Strap Hinges	Carbon	IS:206, IS:228(P-1)
2372.	Tee and Strap Hinges	Chromium	IS:206, ASTM E415
2373.	Tee and Strap Hinges	Chromium	IS:206, IS:228(P-6)
2374.	Tee and Strap Hinges	Copper	IS:206, ASTM E415
2375.	Tee and Strap Hinges	Manganese	IS:206, ASTM E415
2376.	Tee and Strap Hinges	Manganese	IS:206, IS:228(P-2)
2377.	Tee and Strap Hinges	Molybdenum	IS:206, ASTM E415
2378.	Tee and Strap Hinges	Molybdenum	IS:206, IS:228(P-7)
2379.	Tee and Strap Hinges	Phosphorus	IS:206, ASTM E415

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
2380.	Tee and Strap Hinges	Phosphorus	IS:206, IS:228(P-3)
2381.	Tee and Strap Hinges	Sulphur	IS:206, ASTM E415
2382.	Tee and Strap Hinges	Sulphur	IS:206, IS:228(P-9)
2383.	Tee and Strap Hinges	Silicon	IS:206, ASTM E415
2384.	Tee and Strap Hinges	Silicon	IS:206, IS:228(P-8)
2385.	Tee and Strap Hinges	Vanadium	IS:206, ASTM E415
2386.	Door Handles	Aluminium	IS:208, ASTM E415
2387.	Door Handles	Carbon	IS:208, ASTM E415
2388.	Door Handles	Carbon	IS:208, IS:228(P-1)
2389.	Door Handles	Chromium	IS:208, ASTM E415
2390.	Door Handles	Chromium	IS:208, IS:228(P-6)
2391.	Door Handles	Copper	IS:208, ASTM E415
2392.	Door Handles	Manganese	IS:208, ASTM E415
2393.	Door Handles	Manganese	IS:208, IS:228(P-2)
2394.	Door Handles	Molybdenum	IS:208, ASTM E415
2395.	Door Handles	Molybdenum	IS:208, IS:228(P-7)

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
2396.	Door Handles	Phosphorus	IS:208, ASTM E415
2397.	Door Handles	Phosphorus	IS:208, IS:228(P-3)
2398.	Door Handles	Sulphur	IS:208, ASTM E415
2399.	Door Handles	Sulphur	IS:208, IS:228(P-9)
2400.	Door Handles	Silicon	IS:208, ASTM E415
2401.	Door Handles	Silicon	IS:208, IS:228(P-8)
2402.	Door Handles	Vanadium	IS:208, ASTM E415
2403.	Door Handles	Finish	IS:208
2404.	Door Handles	Silver	IS:208, BS EN 15079
2405.	Door Handles	Aluminium	IS:208, BS EN 15079
2406.	Door Handles	Arsenic	IS:208, IS:440
2407.	Door Handles	Arsenic	IS:208, BS EN 15079
2408.	Door Handles	Bismuth	IS:208, IS:440
2409.	Door Handles	Bismuth	IS:208, BS EN 15079
2410.	Door Handles	Iron	IS:208, BS EN 15079
2411.	Door Handles	Iron	IS:208, IS:440

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Chemical Testing

Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
2412.	Door Handles	Manganese	IS:208,BS EN 15079
2413.	Door Handles	Nickel	IS:208,IS:440
2414.	Door Handles	Nickel	IS:208,BS EN 15079
2415.	Door Handles	Phosphorus	IS:208,IS:440
2416.	Door Handles	Phosphorus	IS:208,BS EN 15079
2417.	Door Handles	Lead	IS:208,IS:440
2418.	Door Handles	Lead	IS:208,BS EN 15079
2419.	Door Handles	Sulphur	IS:208,BS EN 15079
2420.	Door Handles	Antimony	IS:208,IS:440
2421.	Door Handles	Antimony	IS:208,BS EN 15079
2422.	Door Handles	Tin	IS:208,IS:440
2423.	Door Handles	Tin	IS:208,BS EN 15079
2424.	Door Handles	Zinc	IS:208,BS EN 15079
2425.	Door Handles	Copper	IS:208,IS:440
2426.	Door Handles	Boron	IS:208, ASTM E1251
2427.	Door Handles	Berellium	IS:208, ASTM E1251

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
2428.	Door Handles	Cadmium	IS:208, ASTM E1251
2429.	Door Handles	Cobalt	IS:208, IS:ASTM E1251
2430.	Door Handles	Chromium	IS:208, IS:504(P-8)
2431.	Door Handles	Chromium	IS:208, ASTM E1251
2432.	Door Handles	Copper	IS:208, IS:504(P-3)
2433.	Door Handles	Copper	IS:208, ASTM E1251
2434.	Door Handles	Iron	IS:208, IS:504(P-2)
2435.	Door Handles	Iron	IS:208, ASTM E1251
2436.	Door Handles	Magnesium	IS:208, IS:504(P-6)
2437.	Door Handles	Magnesium	IS:208, ASTM E1251
2438.	Door Handles	Manganese	IS:208, IS:504(P-5)
2439.	Door Handles	Manganese	IS:208, ASTM E1251
2440.	Door Handles	Nickel	IS:208, IS:504(P-7)
2441.	Door Handles	Nickel	IS:208, ASTM E1251
2442.	Door Handles	Lead	IS:208, IS:504(P-1)
2443.	Door Handles	Lead	IS:208, ASTM E1251

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
2444.	Door Handles	Antimony	IS:208, IS:504(P-10)
2445.	Door Handles	Antimony	IS:208, ASTM E1251
2446.	Door Handles	Silicon	IS:208, IS:504(P-1)
2447.	Door Handles	Silicon	IS:208, ASTM E1251
2448.	Door Handles	Tin	IS:208, IS:504(P-9)
2449.	Door Handles	Tin	IS:208, ASTM E1251
2450.	Door Handles	Titanium	IS:208, IS:504(P-11)
2451.	Door Handles	Titanium	IS:208, ASTM E1251
2452.	Door Handles	Vanadium	IS:208, IS:504(P-12)
2453.	Door Handles	Vanadium	IS:208, ASTM E1251
2454.	Door Handles	Zinc	IS:208, IS:504(P-5)
2455.	Door Handles	Zinc	IS:208, ASTM E1251
2456.	Door Handles	Zirconium	IS:208, ASTM E1251
2457.	Door Handles	Finish	IS:2085, IS:1868, IS:5523
2458.	Door Handles	Aluminium	IS:208, ASTM E 1999
2459.	Door Handles	Boron	IS:208, ASTM E 1999

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
2460.	Door Handles	Carbon	IS:208,ASTM E 1999
2461.	Door Handles	Carbon	IS:208,IS:12308(P-11)
2462.	Door Handles	Cobalt	IS:208,ASTM E 1999
2463.	Door Handles	Chromium	IS:208,ASTM E 1999
2464.	Door Handles	Chromium	IS:208,IS:12308(P-8)
2465.	Door Handles	Copper	IS:208,ASTM E 1999
2466.	Door Handles	Magnesium	IS:208,ASTM E 1999
2467.	Door Handles	Manganese	IS:208,ASTM E 1999
2468.	Door Handles	Manganese	IS:208, IS:12308(P-10)
2469.	Door Handles	Molybdenum	IS:208,ASTM E 1999
2470.	Door Handles	Molybdenum	IS:208, IS:12308(P-9)
2471.	Door Handles	Nickel	IS:208,ASTM E 1999
2472.	Door Handles	Nickel	IS:208, IS:12308(P-7)
2473.	Door Handles	Phosphorus	IS:208,ASTM E 1999
2474.	Door Handles	Phosphorus	IS:208,IS:12308(P-5)
2475.	Door Handles	Sulphur	IS:208,ASTM E 1999

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
2476.	Door Handles	Silicon	IS:208,ASTM E 1999
2477.	Door Handles	Silicon	IS:208,IS:12308(P-6)
2478.	Door Handles	Tin	IS:208,ASTM E 1999
2479.	Door Handles	Titanium	IS:208,ASTM E 1999
2480.	Door Handles	Vanadium	IS:208,ASTM E 1999
2481.	Door Handles	Aluminium	IS:208,JIS G 1253
2482.	Door Handles	Boron	IS:208,JIS G 1253
2483.	Door Handles	Carbon	IS:208, ASTM E1086 JIS G 1253
2484.	Door Handles	Carbon	IS:208, IS:228(P-1)
2485.	Door Handles	Cobalt	IS:208, ASTM E1086 JIS G 1253
2486.	Door Handles	Chromium	IS:208,JIS G 1253
2487.	Door Handles	Chromium	IS:208, IS:228(P-6)
2488.	Door Handles	Copper	IS:208,ASTM E 1086, JIS G 1253
2489.	Door Handles	Manganese	IS:208,ASTM E 1086, JIS G 1253
2490.	Door Handles	Manganese	IS:208, IS:228(P-12)
2491.	Door Handles	Molybdenum	IS:208,ASTM E 1086, JIS G 1253

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
2492.	Door Handles	Molybdenum	IS:208, IS:IS:228(P-10)
2493.	Door Handles	Nitrogen	IS:208, JIS G 1253
2494.	Door Handles	Nitrogen	IS:208, IS:228(P-19)
2495.	Door Handles	Niobium	IS:208, JIS G 1253
2496.	Door Handles	Nickel	IS:208, ASTM E 1086 JIS G 1253
2497.	Door Handles	Nickel	IS:208, IS:228(P-5)
2498.	Door Handles	Phosphorus	IS:208, ASTM E 1086 JIS G 1253
2499.	Door Handles	Phosphorus	IS:208, IS:228(P-3)
2500.	Door Handles	Sulphur	IS:208, ASTM E 1086 JIS G 1253
2501.	Door Handles	Sulphur	IS:208, IS:228(P-9)
2502.	Door Handles	Silicon	IS:208, ASTM E 1086 JIS G 1253
2503.	Door Handles	Silicon	IS:208, IS:228(P-8)
2504.	Door Handles	Tin	IS:208, JIS G 1253
2505.	Door Handles	Titanium	IS:208, JIS G 1253
2506.	Door Handles	Vanadium	IS:208, JIS G 1253
2507.	Door Handles	Tungsten	IS:208, JIS G 1253

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	Metals & Alloys		
2508.	Door Handles	Zirconium	IS:208,JIS G 1253
2509.	Door Handles	Ni-Cr-Plated	IS:208,IS:1068
2510.	Door Handles	Copper Oxidize	IS:208,IS:1378
2511.	Copper	Silver	IS:191,BS EN 15079
2512.	Copper	Aluminium	IS:191,BS EN 15079
2513.	Copper	Arsenic	IS:191,IS:440
2514.	Copper	Arsenic	IS:191,BS EN15079
2515.	Copper	Bismuth	IS:191,IS:440
2516.	Copper	Bismuth	IS:191,BS EN 15079
2517.	Copper	Iron	IS:191,BS EN 15079
2518.	Copper	Iron	IS:191,IS:440
2519.	Copper	Manganese	IS:191,BS EN 15079
2520.	Copper	Nickel	IS:191,IS:440
2521.	Copper	Nickel	IS:191,BS EN 15079
2522.	Copper	Phosphorus	IS:191,IS:440
2523.	Copper	Phosphorus	IS:191,BS EN 15079

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
2524.	Copper	Lead	IS:191,IS:440
2525.	Copper	Lead	IS:191,BS EN 15079
2526.	Copper	Sulphur	IS:191,BS EN 15079
2527.	Copper	Antimony	IS:191,IS:440
2528.	Copper	Antimony	IS:191,BS EN 15079
2529.	Copper	Tin	IS:191,IS:440
2530.	Copper	Tin	IS:191,BS EN 15079
2531.	Copper	Zinc	IS:191,BS EN 15079
2532.	Copper	Copper	IS:191,IS:440
2533.	Drums Large, Fixed Ends Specification Part 1 Grade A Drums	Aluminium	IS:1783(P-1), ASTM E415
2534.		Cabon	IS:1783(P-1), ASTM E415
2535.		Cabon	IS:1783(P-1),IS:228(P-1)
2536.		Chromium	IS:1783(P-1), ASTM E415
2537.		Chromium	IS:1783(P-1), IS:228(P-6)
2538.		Copper	IS:1783(P-1), ASTM E415
2539.		Manganese	IS:1783(P-1), ASTM E415

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
2540.		Manganese	IS:1783(P-1), IS:228(P-2)
2541.		Molybdenum	IS:1783(P-1), ASTM E415
2542.		Molybdenum	IS:1783(P-1), IS:228(P-7)
2543.		Phosphorus	IS:1783(P-1), ASTM E415
2544.		Phosphorus	IS:1783(P-1), IS:228(P-3)
2545.		Sulphur	IS:1783(P-1), ASTM E415
2546.		Sulphur	IS:1783(P-1), IS:228(P-9)
2547.		Silicon	IS:1783(P-1), ASTM E415
2548.		Silicon	IS:1783(P-1), IS:228(P-8)
2549.		Vanadium	IS:1783(P-1), ASTM E415
2550.		Finish	IS:1783(P-1)
2551.	Drums, Large, Fixed Ends - Specification Part 2 Grade B Drums	Aluminium	IS:1783(P-2), ASTM E415
2552.		Cabon	IS:1783(P-2), ASTM E415
2553.		Cabon	IS:1783(P-2), IS:228(P-1)
2554.		Chromium	IS:1783(P-2), ASTM E415
2555.		Chromium	IS:1783(P-2), IS:228(P-6)

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals & Alloys		
2556.		Copper	IS:1783(P-2), ASTM E415
2557.		Manganese	IS:1783(P-2), ASTM E415
2558.		Manganese	IS:1783(P-2), IS:228(P-2)
2559.		Molybdenum	IS:1783(P-2), ASTM E415
2560.		Molybdenum	IS:1783(P-2), IS:228(P-7)
2561.		Phosphorus	IS:1783(P-2), ASTM E415
2562.		Phosphorus	IS:1783(P-2), IS:228(P-3)
2563.		Sulphur	IS:1783(P-2), ASTM E415
2564.		Sulphur	IS:1783(P-2), IS:228(P-9)
2565.		Silicon	IS:1783(P-2), ASTM E415
2566.		Silicon	IS:1783(P-2), IS:228(P-8)
2567.		Vanadium	IS:1783(P-2), ASTM E415

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile		
1.	Woven Jute Geo-textiles-Strengthening of Sub-Grade in Roads	Permittivity at 50mm constant head	IS 14715(P-1) :2016, Clause-4 (Table-1) -x, IS 14324:1995
2.	Non-Woven Jute Geo-textiles-Strengthening of Sub-Grade in Roads	Permittivity at 50 mm constant head	IS 14715(P-1) :2016, Clause-4 (Table-2)-vi, IS 14324:1995
3.	woven Jute Geo- textiles - Control of Bank Erosion in Rivers and Waterways	Permittivity at 50mm constant head	IS 14715(P-2) :2016, Clause-4 (Table-1) -x, IS 14324:1995
4.	Geo-textiles used in Sub grade Stabilization in Pavement Structures	Permittivity, sec-1	IS 16362:2020 Amd-1:2023, Clause-4.3 & 5.4(B)(Table-1)-i, IS 14324:1995
5.	Polyester Continuous Filament Fully Drawn Yarns	Boiling Water shrinkage(AMD.2)	IS 17261:2022 Amd-1 to 6:2024, Clause-6.1, 6.2, 8.3 Table-3, Annex G
6.	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)-viii, Annex E
7.	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

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile		
8.	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
9.	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
10.	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
11.	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
12.	Polyester Partially Oriented Yarn	Colour strength with reference to standard yarn	IS 17262:2022 Amd1 to 5:2024, Clause-6.2) (Table-4)-viii, Annex F
13.	Polyester Partially Oriented Yarn	Colour strength with reference to standard yarn ΔE	IS 17262:2022 Amd1 to 5:2024, Clause-6.2) (Table-4)-ix, Annex F
14.	Polyester Partially Oriented Yarn	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
15.	Polyester Partially Oriented Yarn	Colour Fastness to Washing	IS 17262:2022 Amd1 to 5:2024, Clause-6.5 (Table-6)-ii, IS/ISO 105-C10:2006
16.	Polyester Partially Oriented Yarn	Colour Fastness to Rubbing	IS 17262:2022 Amd1 to 5:2024, Clause-6.5 (Table-6)-iii, IS/ISO 105-X12:2016

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile		
17.	Polyester Partially Oriented Yarn	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
18.	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
19.	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
20.	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
21.	Polyester Staples fibers	L Colour value	IS 17263:2022 Amd 1 to 7:2024, Clause-6.1,6.3 (Table-4)-x, Annex J
22.	Polyester Staples fibers	Whiteness index,	IS 17263:2022 Amd 1 to 7:2024, Clause- 6.1,6.3 (Table-4)-xi, Annex J
23.	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
24.	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
25.	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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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile		
26.	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
27.	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
28.	Polyester industrial yarns	Hot Air Shrinkage	IS 17264:2022 Amd 1 to 3:2023, Clause-6.1,8.2 Table-3, Annex-F
29.	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
30.	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
31.	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
32.	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
33.	100% Polyester spun grey & white yarns	Whiteness index	IS 17265:2023 Amd 1:2024, Clause-6.1,6.2,8.2 (Table-3)-vii, IS 17263:2022 Annex J

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	Textile		
34.	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
35.	100% Polyester spun grey & white yarns	Wicking	IS 17265:2023 Amd 1:2024, Clause-6.1, 6.2 (Table-4)-viii, Annex E
36.	100% Polyester spun grey & white yarns	Colour fastness to Light	IS 17265:2023 Amd 1:2024, Clause-6.1, 6.2, 6.7 (Table-7)-i, IS/ISO 105-B01/IS/ISO 105-B02:2014
37.	100% Polyester spun grey & white yarns	Colour fastness to washing	IS 17265:2023 Amd 1:2024, Clause-6.1, 6.2, 6.7 (Table-7)-ii, IS/ISO 105-C10:2006
38.	100% Polyester spun grey & white yarns	Colour fastness to Rubbing	IS 17265:2023 Amd 1:2024, Clause-6.1, 6.2, 6.7 (Table-7)-iii, IS/ISO 105-X12:2016
39.	100% Polyester spun grey & white yarns	Colour fastness to Perspiration (acidic and alkaline)	IS 17265:2023 Amd 1:2024, Clause-6.1, 6.2, 6.7 (Table-7)-iv, IS/ISO 105-E04:2013
40.	Viscose staple fibres	Whiteness	IS 17266:2019 Amd 1 to 2:2021, Clause-4.2 (Table-1)-iii, IS 1060(P-4/SEC 4):2014
41.	Water Proof multipurpose rain poncho convertibility bivouac	Colour fastness to washing	IS 17286:2019, Clause-6.1, (Table-1)-x, IS/ISO 105-C10:2006

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile		
42.	Water Proof multipurpose rain poncho convertibility bivouac	Colour fastness to rubbing	IS 17286:2019, Clause-6.1, (Table-1)-xi, IS 766:1988
43.	Water Proof multipurpose rain poncho convertibility bivouac	Colour fastness to light	IS 17286:2019, Clause-6.1, (Table-1)-xii, IS/ISO 105-B02:2014
44.	Water Proof multipurpose rain poncho convertibility bivouac	Dimensional change due to relaxation	IS 17286:2019, Clause-6.1, (Table-1)-xiii, IS 2977:1989 Amd 1:1996
45.	Water Proof multipurpose rain poncho convertibility bivouac	Water repellency	IS 17286:2019, Clause-6.1, (Table-1)-xix, IS 390:2024
46.	Water Proof multipurpose rain poncho convertibility bivouac	Hydrostatic pressure head test	IS 17286:2019, Clause-6.1, (Table-1)-xx, IS 7016(P-7):2023
47.	Water Proof multipurpose rain poncho convertibility bivouac	Bundesmann-shower test	IS 17286:2019, Clause-6.1, (Table-1)-xxi, IS 392:1989
48.	Water Proof multipurpose rain poncho convertibility bivouac	Moisture vapour transmission	IS 17286:2019, Clause-6.1, (Table-1)-xxii, IS 16390:2015, Annex F
49.	Water Proof multipurpose rain poncho convertibility bivouac	Colour fastness to washing	IS 17286:2019, Clause-6.2, (Table-2)v, IS/ISO 105- C10:2006
50.	Water Proof multipurpose rain poncho convertibility bivouac	Colour fastness to light	IS 17286:2019, Clause-6.2, Table-2-vi, IS/ISO 105- B02:2014
51.	Water Proof multipurpose rain poncho convertibility bivouac	Dimensional change due to relaxation	IS 17286:2019, Clause-6.2, (Table-2)-vi, IS 2977:1989 Amd-1:1996

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile		
52.	Water Proof multipurpose rain poncho convertibility bivouac	Colour fastness to washing	IS 17286:2019, Clause-6.3, (Table-3)-vi, IS/ISO 105-C10:2006
53.	Water Proof multipurpose rain poncho convertibility bivouac	Colour fastness to light	IS 17286:2019, Clause-6.3, (Table-3)-vii, IS/ISO 105-B02:2014
54.	Bed sheet and pillow cover	Water vapor transmission rate	IS 17630:2021 Amd 1 to 2:2024, Clause-6, (Table-2)ix IS 17376 :2020
55.	Bed sheet and pillow cover	Scouring loss Percent	IS 17630:2021 Amd 1 to 2:2024, Clause-6, (Table-1)vii
56.	Bed sheet and pillow cover	Colour fastness to Rubbing	IS 17630:2021 Amd 1 to 2:2024, Clause-6, (Table-1)l, IS /ISO 105-X12:2016
57.	Bed sheet and pillow cover	Colour fastness to perspiration (acidic and alkaline)	IS 17630:2021 Amd 1 to 2:2024, Clause-6, (Table-1)-ii, IS /ISO 105-E04:2013
58.	Bed sheet and pillow cover	Colour fastness to washing	IS 17630:2021 Amd 1 to 2:2024, Clause-6, (Table-1)-iii, IS /ISO 105-C06:2010
59.	Bed sheet and pillow cover	Colour fastness to light	IS 17630:2021 Amd 1 to 2:2024, Clause-6, (Table-1)-iv, IS /ISO 105 B02:2014

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile		
60.	Bed sheet and pillow cover	Dimensional stability to washing	IS 17630:2021 Amd 1 to 2:2024, Clause-6, (Table-1)- v, IS 15370:2023/ISO 6330 :2012
61.	Continuous Filament Polyamide(Nylon Yarn)	Boiling water shrinkage	IS 7867:2024, Clause-3.1(Table 1) x, IS 17087:2019
62.	Continuous Filament Polyamide(Nylon Yarn)	Hot air shrinkage	IS 7867:2024, Clause-3.1(Table 1) xi, IS 17088:2019
63.	Non-woven Fabric for Wipes	Absorption	IS 17788:2021, Table(iii), clause-6.1, IS 15891(P-6):2012
64.	Bedsheets, Pillow cover & Blanket cover	Fabric Skew	IS 18739:2024, Table-2, clause-3.1 ISO 13015:2013
65.	Bedsheets, Pillow cover & Blanket cover	Fabric Bow	IS 18739:2024, Table-2, clause-3.1 ISO 13015:2013
66.	Bedsheets, Pillow cover & Blanket cover	Dimensional change on soaking in water	IS 18739:2024, Table-2, clause-3.1 IS 2977:1989
67.	Bedsheets, Pillow cover & Blanket cover	Sourcing Loss Percent	IS 18739:2024, Table-2, clause-3.1 IS 1383:2023
68.	Bedsheets, Pillow cover & Blanket cover	Colour Fastness to Light	IS 18739:2024, Table-3, clause-3.1 IS/ISO 105-B02:2014
69.	Bedsheets, Pillow cover & Blanket cover	Colour Fastness to Washing	IS 18739:2024, Table-3, clause-3.1 IS/ISO 105-C10:2006
70.	Bedsheets, Pillow cover & Blanket cover	Colour Fastness to Rubbing	IS 18739:2024, Table-3, clause-3.1 IS/ISO 105-X12:2016

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	Textile		
71.	Bedsheets, Pillow cover & Blanket cover	Colour Fastness to Perspiration	IS 18739:2024, Table-3, clause-3.1 IS/ISO 105-E04:2013
72.	Bedsheets, Pillow cover & Blanket cover	Soil Release Oily Stain Release	IS 18739:2024, Annex-C, Clause-3.3
73.	Bedsheets, Pillow cover & Blanket cover	Colour Fastness to Bleaching: Hypochlorite	IS 18739:2024, Clause-3.1 IS/ISO 105 N01:1993
74.	Bedsheets, Pillow cover & Blanket cover	Whiteness index	IS 18739:2024, clause-3.10, IS 17263:2022-ANNEX-J
75.	Cotton Towelling & Towels (Fabric)	Souring loss	IS 7056:2024, Table-3, clause-3.2.1 IS 1383:2023
76.	Cotton Towelling & Towels (Fabric)	Dimensional change	IS 7056:2024, Table-3, clause-3.2.1 IS 2977:1989 Amd-1:1996
77.	Cotton Towelling & Towels (Fabric)	Wet ability	IS 7056:2024, Table-3, clause-3.2.1 IS 2349:2022
78.	Cotton Towelling & Towels (Fabric)	Colour Fastness to Light	IS 7056:2024, Table-3, clause-3.2.1 IS/ISO 105 B02:2014
79.	Cotton Towelling & Towels (Fabric)	Colour Fastness to Washing	IS 7056:2024, Table-3, clause-3.2.1 IS/ISO 105-C10:2006
80.	Cotton Towelling & Towels	Whiteness index	IS 7056:2024, clause-3.2.2 IS 17263:2022 Annex-J
81.	Textile Fabric & garment, Textile Products & Accessories	Colour Fastness to domestic & Commercial Laundering	ISO 105 C06:2010 ISO 105 C08:2010 ISO 105 C10:2010

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	Textile		
			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
82.	Textile Fabric & garment, Textile Products & Accessories	Colour Fastness to Dry-Cleaning	ISO 105 D01:2010 AATCC TM132:2013 SASO ISO 105 D01: 2010
83.	Textile Fabric & garment, Textile Products & Accessories	Colour Fastness to water	ISO 105 E01:2013 AATCC TM107:2022 SASO ISO 105 E01: 2013 GB/T5713:2013 SATRA TM 335
84.	Textile Fabric & garment, Textile Products & Accessories	Colour Fastness to Perspiration	ISO 105 E04:2013 AATCC TM15:2021 SASO GSO 1268: 2002 GB/T3922:2013 SATRA TM 335
85.	Textile Fabric & garment, Textile Products & Accessories	Colour Fastness to Sea water	ISO 105 E02:2013 SASO ISO 105 E02: 2013 AATCC TM106:2013

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile		
86.	Textile Fabric & garment, Textile Products & Accessories	Colour Fastness to Rubbing Colour Fastness to Crocking	ISO 105 X12:2016 AATCC TM8:2022 GB/T 3920
87.	Textile Fabric & garment, Textile Products & Accessories	Colour Fastness to Light	ISO 105 B02:2013 SASO ISO 105 B02: 2014 AATCC TM16.3:2020
88.	Textile Fabric & garment, Textile Products & Accessories	Colour Fastness to Wet Light	ISO 105 B07:2013
89.	Textile Fabric & garment, Textile Products & Accessories	Colour Fastness to Hot pressing	ISO105-X11:1994 AATCC TM117:2019
90.	Textile Fabric & garment, Textile Products & Accessories	Colour Fastness to saliva	DIN 53160-1:2010 DIN 53160-2:2010 GB/T 18886: 2019
91.	Textile Fabric & garment, Textile Products & Accessories	Colour Fastness to PVC Migration	ISO 105 X10:1993
92.	Textile Fabric & garment, Textile Products & Accessories	Colour Fastness Water spotting	ISO 105 E07:2010 SASO ISO 105 E07: 2010 AATCC TM104:2014
93.	Textile Fabric & garment, Textile Products & Accessories	Colour Fastness to Yellowing	ISO 105 X18:2007
94.	Textile Fabric & garment, Textile Products & Accessories	Colour Fastness to Hot pressing	AATCC TM133:2020

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile		
95.	Textile Fabric & garment, Textile Products & Accessories	Absorbency	AATCC TM79:2018
96.	Textile Fabric & garment, Textile Products & Accessories	Water Repellence: Spray	AATCC TM22:2017
97.	Textile Fabric & garment, Textile Products & Accessories	Colour Fastness to Chlorine	AATCC TS-001:2018
98.	Textile Fabric & garment, Textile Products & Accessories	Colour Fastness to Non-Chlorine Bleach	AATCC TS-001:2018
99.	Textile Fabric & garment, Textile Products & Accessories	Colour Fastness TO Water Spotting	AATCC TM104:2014
100.	Textile Fabric & garment, Textile Products & Accessories	Color fastness to Storage: Dye Transfer	AATCC TM163:2022
101.	Textile Fabric & garment, Textile Products & Accessories	Color fastness to Soil release-Satin release	AATCC TM130:2018
102.	Textile Fabric & garment, Textile Products & Accessories	Appearance of apparel and other textile product after domestic washing and drying/repeated home laundering	ISO 15487:2018 AATCC 124:2018 ISO 7768: 2009 ISO 7770: 2009
103.	Textile Fabric & garment, Textile Products & Accessories	Appearance of apparel and other textile product after domestic washing and	AATCC TM143:2018 AATCC TM142:2018

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	Textile		
		drying/repeated home laundering/Dry-cleaning	
104.	Textile Fabric & garment, Textile Products & Accessories	Dimensional stability to washing	ISO 3759:2021 ISO 5077:2021 ISO 6330:2021 AATCC TM135:2018 AATCC TM 150:2018 SASO ISO 5077:2007 SASO ISO6330: 2012
105.	Textile Fabric & garment, Textile Products & Accessories	Determination of Dimensional change of fabric induced by free(wire steam) steam	ISO 3005:1978 SATRA TM 211
106.	Textile Fabric & garment, Textile Products & Accessories	Dimensional stability to Dry-cleaning	ISO 3175-1:2018 ISO 3175-2:2018 ISO 3175-3:2018 SASO ISO 3175-2: 2017 SASO ISO 3175-1: 2017 AATCC 158:2016
107.	Textile Fabric & garment, Textile Products & Accessories	Skewness Change /Spirality/Torque	ISO 16322-1:2021; ISO 16322-2:2021 ISO 16322-3:2021; AATCC 179:2019
108.	Textile Fabric & garment, Textile Products & Accessories	Wicking Testing	AATCC 197:2022

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	Textile		
109.	Textile Fabric & garment, Textile Products & Accessories	OIL REPELLENCY	AATCC-118:2011
110.	Textile Fabric & garment, Textile Products & Accessories	Water Absorbance of terry fabric	ASTM 4772:2019
111.	Textile Fabric & garment, Textile Products & Accessories	Color Fastness to Chlorinated Pool Water	AATCC 162:2011
112.	Textile Fabric & garment, Textile Products & Accessories	Absorbency	GB/T 22799:2019 Method A
113.	Textile Fabric & garment, Textile Products & Accessories	Synthetic Filling Quality & Weight	GB 18383:2007
114.	Textile Fabric & garment, Textile Products & Accessories	Synthetic Filling Press / Rebound	GB/T 22796:2021 Appendix B
115.	Textile Fabric & garment, Textile Products & Accessories	Pile Loss	GB/T 22798:2019
116.	Textile Fabric & garment, Textile Products & Accessories	Deviation of Product Weight	GB/T 22864 Section 6.1.1
117.	Textile Fabric & garment, Textile Products & Accessories	Assessment of antibacterial finishes on textile	AATCC 100-12
118.	Textile Fabric & garment, Textile Products & Accessories	Antibacterial activity assessment on textile	AATCC 147-16
119.	Textile Fabric & garment, Textile Products & Accessories	Effects of applying pot of boiling water	Visual Evaluation

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	Textile		
120.	Textile Fabric & garment, Textile Products & Accessories	Water resistance: Hydrostatic pressure test	AATCC 127-18
121.	Textile Fabric & garment, Textile Products & Accessories	Light blocking effect of textiles: Spectro photometric method	AATCC 203-21
122.	Textile Fabric & garment, Textile Products & Accessories	Resistance to corrosion	ASTM B117-19 (mod) / ISO 10289
123.	Textile Fabric & garment, Textile Products & Accessories	Colour Fastness to domestic & Commercial Laundering	GB/T 3921-2008
124.	Textile, Textile Products & Accessories	Seam Twist in garment before & after home laundering	AATCC 207:2019
125.	Textile, Textile Products & Accessories	Colour Fastness to Bleaching: Hypochlorite	ISO 105-N01:1993
126.	Textile, Textile Products & Accessories	Colour Fastness to Bleaching: Peroxide	ISO 105-N02:1993
127.	Textile, Textile Products & Accessories	Colour Fastness to Bleaching: Sodium Chlorite(mild)	ISO 105-N03:1993
128.	Textile Fabric & garment, Textile Products, Leather & Accessories	pH	AATCC 81:2022 ISO 3071:2020 GB/T 7573:2009 SASO ISO 3071:2020 ISO 4045:2018

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	Textile		
129.	Textile Fabric & garment, Textile Products & Accessories	Fiber analysis Quantitative by mechanical separation	GB/T 29862:2013, ISO 1833-1(Annex B):2020
130.	Textile Fabric & garment, Textile Products & Accessories	Fiber analysis Quantitative by mechanical separation	ISO 1833-1(Annex B):2020
131.	Textile Fabric & garment, Textile Products & Accessories	Fiber Content	AATCC 20:2021
132.	Textile Fabric & garment, Textile Products & Accessories	Fiber Content	IS 667:1981, RE:2022
133.	Textile Fabric & garment, Textile Products & Accessories	Fiber Content Quantitative analysis	AATCC 20A:2022
134.	Textile Fabric & garment, Textile Products & Accessories	Mixture of acetate & certain other fiber (Method using acetone)	ISO 1833-3:2020
135.	Textile Fabric & garment, Textile Products & Accessories	Mixture of acetate & certain other fiber (Method using acetone)	ISO 1833-1:2020
136.	Textile Fabric & garment, Textile Products & Accessories	Mixture of acetate & certain other fiber (Method using acetone)	SASO ISO 1833-3:2020
137.	Textile Fabric & garment, Textile Products & Accessories	Mixture of cellulose & polyester fibers using sulphuric acid	ISO 1833-11:2017

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile		
138.	Textile Fabric & garment, Textile Products & Accessories	Mixture of cellulose & polyester fibers using sulphuric acid	IS 3416:1988 RE:2022
139.	Textile Fabric & garment, Textile Products & Accessories	Mixture of cellulose & polyester fibers using sulphuric acid	ISO 1833-1:2020
140.	Textile Fabric & garment, Textile Products & Accessories	Mixture of cellulose & polyester fibers using sulphuric acid	IS 3416:1988 RE:2022
141.	Textile Fabric & garment, Textile Products & Accessories	Mixture of cellulose & polyester fibers using sulphuric acid	SASO ISO 1833-11:2017
142.	Textile Fabric & garment, Textile Products & Accessories	Fiber analysis Quantitative by mechanical separation	AATCC 20A:2021
143.	Textile Fabric & garment, Textile Products & Accessories	Mixture of cellulose & polyester fibers using sulphuric acid	IS 3416: 1988 RE:2022
144.	Textile Fabric & garment, Textile Products & Accessories	Mixture of cellulose & polyester fibers using sulphuric acid	ISO 1833-1:2020
145.	Textile Fabric & garment, Textile Products & Accessories	Mixture of cellulose & polyester fibers using sulphuric acid	IS 3416-1:1988 RE:2022
146.	Textile Fabric & garment, Textile Products & Accessories	Mixture of cellulose & polyester fibers using sulphuric acid	SASO ISO 1833-11:2017
147.	Textile Fabric & garment, Textile Products & Accessories	Mixture of certain protein & certain other fiber(Method using Hypochlorite)	ISO 1833-4:2017

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Chemical Testing

Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile		
148.	Textile Fabric & garment, Textile Products & Accessories	Mixture of certain protein & certain other fiber(Method using Hypochlorite)	ISO 1833-1:2020
149.	Textile Fabric & garment, Textile Products & Accessories	Mixture of certain protein & certain other fiber(Method using Hypochlorite)	SASO ISO 1833-4:2017
150.	Textile, Textile Products & Accessories	Mixture of polyamide and certain other fiber(method using formic acid)	ISO 1833-7:2017
151.	Textile, Textile Products & Accessories	Mixture of polyamide and certain other fiber(method using formic acid)	IS 2005:1988 RE:2022
152.	Textile, Textile Products & Accessories	Mixture of polyamide and certain other fiber(method using formic acid)	SASO ISO 1833-7:2017
153.	Textile, Textile Products & Accessories	Mixture of polyamide and certain other fiber(method using formic acid)	ISO 1833-1:2020
154.	Textile, Textile Products & Accessories	Mixture of Polyolefin fibers & other fibers	IS 9896:1981 RE:2022
155.	Textile, Textile Products & Accessories	Mixture of Polypropylene fibers and certain other fibers(Method using xylene)	ISO 1833-16:2019

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Chemical Testing

Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile		
156.	Textile, Textile Products & Accessories	Mixture of Polypropylene fibers and certain other fibers(Method using xylene)	SASO ISO 1833-16:2019
157.	Textile, Textile Products & Accessories	Mixture of Polypropylene fibers and certain other fibers(Method using xylene)	ISO 1833-1:2020
158.	Textile, Textile Products & Accessories	Mixture of silk and wool of hair(method using sulphuric acid)	ISO 1833-18:2020
159.	Textile, Textile Products & Accessories	Mixture of silk and wool of hair(method using sulphuric acid)	SASO ISO 1833-18:2020
160.	Textile, Textile Products & Accessories	Mixture of silk and wool of hair(method using sulphuric acid)	IS 9889:1988 RE:2020
161.	Textile, Textile Products & Accessories	Mixture of silk and wool of hair(method using sulphuric acid)	ISO 1833-1:2020
162.	Textile, Textile Products & Accessories	Mixture of viscose ,cupro or modal and cotton fibers(method using sodium zinc ate)	IS 1889-2:1976 RE:2020

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Chemical Testing

Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile		
163.	Textile, Textile Products & Accessories	Mixture of viscose ,cupro or modal and cotton fibers(method using sodium zinc ate)	ISO 1833-1:2020
164.	Textile, Textile Products & Accessories	Mixture of viscose ,cupro or modal and cotton fibers(method using sodium zinc ate)	SASO ISO 1833-5:2006
165.	Textile, Textile Products & Accessories	Mixture of viscose ,cupro or modal and cotton fibers(method using sodium zinc ate)	IS 1889-1: 1976 RE:2020
166.	Textile, Textile Products & Accessories	Mixture of viscose ,cupro or modal and cotton fibers(method using sodium zinc ate)	IS 1889-3: 1976 RE:2020
167.	Textile, Textile Products & Leather	Bonded, Fused, and Laminated Apparel Fabrics	ASTM D2724-07 (R2015)
168.	Textile, Textile Products & Leather	Dimensional changes of fabrics after home laundering	AATCC 135-15
169.	Textile, Textile Products & Leather	Dimensional changes on dry-cleaning in perchloroethylene	AATCC 158-16
170.	Textile, Textile Products & Leather	Water repellence: spray test	AATCC 22-14
171.	Textile, Textile Products & Leather	Oil repellence	AATCC 118-13

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile		
172.	Textile, Textile Products & Leather	Smoothness appearance of fabrics after repeated home laundering	AATCC 124-14
173.	Textile, Textile Products & Leather	Bonded, Fused, and Laminated Apparel Fabrics	ASTM D2724-07 (R2015)
174.	Textile, Textile Products & Leather	Color fastness to crocking	AATCC 8-16
175.	Textile, Textile Products & Leather	Color fastness to light	AATCC 16.3-14
176.	Textile, Textile Products & Leather	Color fastness to laundering: accelerated	AATCC 61-13
177.	Textile, Textile Products & Leather	Color fastness to dry-cleaning	AATCC 132-13
178.	Textile, Textile Products & Leather	Quick method for color fastness to chlorine bleach	AATCC/ASTM TS-001
179.	Textile, Textile Products & Leather	Quick method for color fastness to non-chlorine bleach	AATCC/ASTM TS-001
180.	Textile, Textile Products & Leather	Colour fastness to artificial saliva	DIN 53160-1:2010-10
181.	Textile, Textile Products & Leather	Color fastness to laundering: accelerated	AATCC 61-13
182.	Textile, Textile Products	Color fastness to dry- cleaning	AATCC 132-13

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile		
	& Leather		
183.	Textile, Textile Products & Leather	Quick method for color fastness to chlorine bleach	AATCC/ASTM TS-001
184.	Textile, Textile Products & Leather	Quick method for color fastness to non- chlorine bleach	AATCC/ASTM TS-001
185.	Textile, Textile Products & Leather	Colour fastness to artificial saliva	DIN 53160-1:2010-10
186.	Textile Fibre, Yarn, fabric & garments	Free and releasable formaldehyde	IS 14563 (Part 1):2021
187.	Textile Fibre, Yarn, fabric & garments	Free and releasable	IS 14563 (Part 2):2021
188.	Textile Fibre, Yarn, fabric & garments	Free and releasable formaldehyde	ISO 14184 (Part-1): 2011
189.	Textile Fibre, Yarn, fabric & garments	Free and releasable formaldehyde	ISO 14184 (Part-2): 2011
190.	Textile Fibre, Yarn, fabric & garments	Extractable heavy metals by artificial Acidic sweat/saliva: Mercury	Annex A of IS 15651:2006
191.	Textile Fibre, Yarn, fabric & garments	Extractable heavy metals by artificial Acidic sweat/saliva: Chromium III	Annex A of IS 15651:2006

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile		
192.	Textile Fibre, Yarn, fabric & garments	Extractable heavy metals by artificial Acidic sweat/saliva: Chromium VI	Annex A of IS 15651:2006
193.	Textile Fibre, Yarn, fabric & garments	Extractable heavy metals by artificial Acidic sweat/saliva: Lead	Annex A of IS 15651:2006
194.	Textile Fibre, Yarn, fabric & garments	Extractable heavy metals by artificial Acidic sweat/saliva: Cadmium	Annex A of IS 15651:2006
195.	Textile Fibre, Yarn, fabric & garments	Extractable heavy metals by artificial Acidic sweat/saliva: Copper	Annex A of IS 15651:2006
196.	Textile Fibre, Yarn, fabric & garments	Extractable heavy metals by artificial Acidic sweat/saliva: Antimony	Annex A of IS 15651:2006
197.	Textile Fibre, Yarn, fabric & garments	Extractable heavy metals by artificial Acidic sweat/saliva: Cobalt	Annex A of IS 15651:2006
198.	Textile Fibre, Yarn, fabric & garments	Extractable heavy metals by artificial Acidic sweat/saliva: Nickel	Annex A of IS 15651:2006
199.	Textile Fibre, Yarn, fabric & garments	Extractable heavy	Annex A of IS 15651:2006

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile		
		metals by artificial Acidic sweat/saliva: Arsenic	
200.	Textile Fibre, Yarn, fabric & garments	Pentachlorophenol (PCP)	Annex B of IS 15651:2006
201.	Textile Fibre, Yarn, fabric & garments	tetra-chlorophenol (TeCP)	Annex B of IS 15651:2006
202.	Textile Fibre, Yarn, fabric & garments	Orthophenyl phenol (OPP)	Annex B of IS 15651:2006
203.	Textile Fibre, Yarn, fabric & garments	Pesticide Residue: 2,4-D	Annex D of IS 15651:2006
204.	Textile Fibre, Yarn, fabric & garments	Pesticide Residue: 2,4,5-T	Annex D of IS 15651:2006
205.	Textile Fibre, Yarn, fabric & garments	Pesticide Residue: DDT	Annex D of IS 15651:2006
206.	Textile Fibre, Yarn, fabric & garments	Pesticide Residue: DDD	Annex D of IS 15651:2006
207.	Textile Fibre, Yarn, fabric & garments	Pesticide Residue: DDE	Annex D of IS 15651:2006
208.	Textile Fibre, Yarn, fabric & garments	Pesticide Residue: Alpha-HCH	Annex D of IS 15651:2006
209.	Textile Fibre, Yarn, fabric & garments	Pesticide Residue: Beta-HCH	Annex D of IS 15651:2006

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile		
210.	Textile Fibre, Yarn, fabric & garments	Pesticide Residue: Delta-HCH	Annex D of IS 15651:2006
211.	Textile Fibre, Yarn, fabric & garments	Pesticide Residue: Lindane (Gamma- HCH)	Annex D of IS 15651:2006
212.	Textile Fibre, Yarn, fabric & garments	Pesticide Residue: Aldrin	Annex D of IS 15651:2006
213.	Textile Fibre, Yarn, fabric & garments	Pesticide Residue: Dieldrin	Annex D of IS 15651:2006
214.	textile Fibre, Yarn, fabric & garments	Pesticide Residue: Toxaphene	Annex D of IS 15651:2006
215.	Textile Fibre, Yarn, fabric & garments	Pesticide Residue: Heptachlor	Annex D of IS 15651:2006
216.	Textile Fibre, Yarn, fabric & garments	Pesticide Residue: Heptachlor-exoepoxide	Annex D of IS 15651:2006
217.	Textile Fibre, Yarn, fabric & garments	Pesticide Residue: Hexachlorobenzene	Annex D of IS 15651:2006
218.	Textile Fibre, Yarn, fabric & garments	Pesticide Residue: Malathion	Annex D of IS 15651:2006
219.	Textile Fibre, Yarn, fabric & garments	Pesticide Residue: Parathion	Annex D of IS 15651:2006
220.	Textile Fibre, Yarn, fabric & garments	Pesticide Residue: Alpha-Endosulfan	Annex D of IS 15651:2006

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile		
221.	Textile Fibre, Yarn, fabric & garments	Pesticide Residue: Beta-Endosulfan	Annex D of IS 15651:2006
222.	Textile Fibre, Yarn, fabric & garments	Pesticide Residue: Endosulfan sulphate	Annex D of IS 15651:2006
223.	Textile Fibre, Yarn, fabric & garments	Pesticide Residue: Endrin	Annex D of IS 15651:2006
224.	Textile Fibre, Yarn, fabric & garments	Pesticide Residue: Methoxychlor	Annex D of IS 15651:2006
225.	Textile Fibre, Yarn, fabric & garments	Pesticide Residue: Mirex	Annex D of IS 15651:2006
226.	Textile Fibre, Yarn, fabric & garments	Pesticide Residue: Permethrin	Annex D of IS 15651:2006
227.	Textile Fibre, Yarn, fabric & garments	Organo-tin Compounds: Tributyltin	Annex C of IS 15651:2006
228.	Textile Fibre, Yarn, fabric & garments	Organo-tin Compounds: Dibutyltin	Annex C of IS 15651:2006
229.	Textile Fibre, Yarn, fabric & garments	Banned Azo- colourants : 4-aminobiphenyl	IS 15570:2005
230.	Textile Fibre, Yarn, fabric & garments	Banned Azo- colourants : Benzidine	IS 15570:2005
231.	Textile Fibre, Yarn, fabric & garments	Banned Azo- colourants : 4-chloro-o-toluidine	IS 15570:2005

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile		
232.	Textile Fibre, Yarn, fabric & garments	Banned Azo- colourants : 2-naphthylamine	IS 15570:2005
233.	Textile Fibre, Yarn, fabric & garments	Banned Azo- colourants : 4-chloro-aniline	IS 15570:2005
234.	Textile Fibre, Yarn, fabric & garments	Banned Azo- colourants : 2,4-diaminoanisole	IS 15570:2005
235.	Textile Fibre, Yarn, fabric & garments	Banned Azo-colourants : 4,4'-diaminodiphenylmethane	IS 15570:2005
236.	Textile Fibre, Yarn, fabric & garments	Banned Azo- colourants : 3,3'-dichlorobenzidine	IS 15570:2005
237.	Textile Fibre, Yarn, fabric & garments	Banned Azo- colourants : 3,3'-dimethoxybenzidine	IS 15570:2005
238.	Textile Fibre, Yarn, fabric & garments	Banned Azo- colourants : 3,3'-dimethylbenzidine	IS 15570:2005
239.	Textile Fibre, Yarn, fabric & garments	Banned Azo-colourants : 3,3-dimethyl,4,4'- diaminodiphenylmethane	IS 15570:2005
240.	Textile Fibre, Yarn, fabric & garments	Banned Azo- colourants : p-cresidine	IS 15570:2005
241.	Textile Fibre, Yarn, fabric & garments	Banned Azo-colourants : 4,4' methylene-bis (2- chloroaniline)	IS 15570:2005
242.	Textile Fibre, Yarn, fabric & garments	Banned Azo- colourants : 4,4'-oxydianiline	IS 15570:2005

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile		
243.	Textile Fibre, Yarn, fabric & garments	Banned Azo- colourants : 4,4'-thiodianiline	IS 15570:2005
244.	Textile Fibre, Yarn, fabric & garments	Banned Azo-colourants : o-toluidine (2- aminotoluene)	IS 15570:2005
245.	Textile Fibre, Yarn, fabric & garments	Banned Azo- colourants : 2,4-tolylenediamine	IS 15570:2005
246.	Textile Fibre, Yarn, fabric & garments	Banned Azo- colourants : 2,4,5-trimethylaniline	IS 15570:2005
247.	Textile Fibre, Yarn, fabric & garments	Banned Azo- colourants : o-aminoazotoluene	IS 15570:2005
248.	Textile Fibre, Yarn, fabric & garments	Banned Azo-colourants : 2- amino-4-nitrotoluene	IS 15570:2005
249.	Textile Fibre, Yarn, fabric & garments	Banned Azo- colourants : p-aminoazobenzene	IS 15570:2005
250.	Textile Fibre, Yarn, fabric & garments	Banned Azo-colourants : o- anisidine (2-methoxy aniline)	IS 15570:2005
251.	Textile Fibre, Yarn, fabric & garments	Banned Azo- colourants : 2,4-dimethylaniline	IS 15570:2005
252.	Textile Fibre, Yarn, fabric & garments	Banned Azo- colourants : 2,6-dimethylaniline	IS 15570:2005

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile		
253.	Textile Fibre, Yarn, fabric & garments	Phthalates:Diisonon yl Phthalate	ISO 14389:2014
254.	Textile Fibre, Yarn, fabric & garments	Phthalates:Diisodec yl Phthalate	ISO 14389:2014
255.	Textile Fibre, Yarn, fabric & garments	Phthalates:Bis-2- ethyl hexyl Phthalate	ISO 14389:2014
256.	Textile Fibre, Yarn, fabric & garments	Phthalates:Di-n- octyl phthalate Phthalate	ISO 14389:2014
257.	Textile Fibre, Yarn, fabric & garments	Phthalates:Butyl benzyl Phthalate	ISO 14389:2014
258.	Textile Fibre, Yarn, fabric & garments	Phthalates:Dibutyl Phthalate	ISO 14389:2014
259.	Textile Fibre, Yarn, fabric & garments	pH of aqueous extract	IS 1390:2022
260.	Textile Fibre, Yarn, fabric & garments	Banned Azo- colourants : 4-aminobiphenyl	ISO 14362 (Part-1): 2017
261.	Textile Fibre, Yarn, fabric & garments	Banned Azo- colourants : Benzidine	ISO 14362 (Part-1): 2017
262.	Textile Fibre, Yarn, fabric & garments	Banned Azo- colourants : 4-chloro-o-toluidine	ISO 14362 (Part-1): 2017
263.	Textile Fibre, Yarn, fabric & garments	Banned Azo- colourants : 2-naphthylamine	ISO 14362 (Part-1): 2017

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile		
264.	Textile Fibre, Yarn, fabric & garments	Banned Azo- colourants : 4-chloro-aniline	ISO 14362 (Part-1): 2017
265.	Textile Fibre, Yarn, fabric & garments	Banned Azo- colourants : 2,4-diaminoanisole	ISO 14362 (Part-1): 2017
266.	Textile Fibre, Yarn, fabric & garments	Banned Azo- colourants : 4,4'-diaminodiphenylmethane	ISO 14362 (Part-1): 2017
267.	Textile Fibre, Yarn, fabric & garments	Banned Azo- colourants : 3,3'-dichlorobenzidine	ISO 14362 (Part-1): 2017
268.	Textile Fibre, Yarn, fabric & garments	Banned Azo- colourants : 3,3'-dimethoxybenzidine	ISO 14362 (Part-1): 2017
269.	Textile Fibre, Yarn, fabric & garments	Banned Azo- colourants : 3,3'-dimethylbenzidine	ISO 14362 (Part-1): 2017
270.	Textile Fibre, Yarn, fabric & garments	Banned Azo- colourants : 3,3- dimethyl,4,4'-diaminodiphenylmethane	ISO 14362 (Part-1): 2017
271.	Textile Fibre, Yarn, fabric & garments	Banned Azo- colourants : p-cresidine (2- methoxy-5-methyl aniline)	ISO 14362 (Part-1): 2017
272.	Textile Fibre, Yarn, fabric & garments	Banned Azo- colourants : 4,4' methylene-bis (2- chloroaniline)	ISO 14362 (Part-1): 2017

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Chemical Testing

Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile		
273.	Textile Fibre, Yarn, fabric & garments	Banned Azo- colourants : 4,4'-oxydianiline	ISO 14362 (Part-1): 2017
274.	Textile Fibre, Yarn, fabric & garments	Banned Azo- colourants : 4,4'-thiodianiline	ISO 14362 (Part-1): 2017
275.	Textile Fibre, Yarn, fabric & garments	Banned Azo-colourants : o-toluidine (2- aminotoluene)	ISO 14362 (Part-1): 2017
276.	Textile Fibre, Yarn, fabric & garments	Banned Azo- colourants : 2,4-tolylenediamine	ISO 14362 (Part-1): 2017
277.	Textile Fibre, Yarn, fabric & garments	Banned Azo- colourants : 2,4,5-trimethylaniline	ISO 14362 (Part-1): 2017
278.	Textile Fibre, Yarn, fabric & garments	Banned Azo- colourants : o-aminoazotoluene	ISO 14362 (Part-1): 2017
279.	Textile Fibre, Yarn, fabric & garments	Banned Azo-colourants : 2-amino-4- nitrotoluene	ISO 14362 (Part-1): 2017
280.	Textile Fibre, Yarn, fabric & garments	Banned Azo- colourants : p-aminoazobenzene	ISO 14362 (Part-1): 2017
281.	Textile Fibre, Yarn, fabric & garments	Banned Azo-colourants : o-anisidine (2- methoxy aniline)	ISO 14362 (Part-1): 2017
282.	Textile Fibre, Yarn, fabric & garments	Banned Azo- colourants : 2,4-dimethylaniline	ISO 14362 (Part-1): 2017
283.	Textile Fibre, Yarn, fabric & garments	Banned Azo- colourants : 2,6-dimethylaniline	ISO 14362 (Part-1): 2017

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile		
284.	Textile Fibre, Yarn, fabric & garments	Isophthalic Acid content	Annex C of IS 16481:2022
285.	Synthetic and Natural Textile material, prints for textile & other Footwear components	Banned Azo- colourants : 4-aminobiphenyl	IS 15570:2005
286.	Synthetic and Natural Textile material, prints for textile & other Footwear components	Banned Azo- colourants : Benzidine	IS 15570:2005
287.	Synthetic and Natural Textile material, prints for textile & other Footwear components	Banned Azo- colourants : 4-chloro-o-toluidine	IS 15570:2005
288.	Synthetic and Natural Textile material, prints for textile & other Footwear components	Banned Azo- colourants : 2-naphthylamine	IS 15570:2005
289.	Synthetic and Natural Textile material, prints for textile & other Footwear components	Banned Azo- colourants : 4-chloro-aniline	IS 15570:2005
290.	Synthetic and Natural Textile material, prints for textile & other Footwear components	Banned Azo- colourants : 2,4-diaminoanisole	IS 15570:2005
291.	Synthetic and Natural	Banned Azo-colourants : 4,4'-diaminodiphenylmethane	IS 15570:2005

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile		
	Textile material, prints for textile & other Footwear components		
292.	Synthetic and Natural Textile material, prints for textile & other Footwear components	Banned Azo- colourants : 3,3'-dichlorobenzidine	IS 15570:2005
293.	Synthetic and Natural Textile material, prints for textile & other Footwear components	Banned Azo- colourants : 3,3'-dimethoxybenzidine	IS 15570:2005
294.	Synthetic and Natural Textile material, prints for textile & other Footwear components	Banned Azo- colourants : 3,3'-dimethylbenzidine	IS 15570:2005
295.	Synthetic and Natural Textile material, prints for textile & other Footwear components	Banned Azo- colourants : 3,3- dimethyl,4,4'-diaminodiphenylmet hane	IS 15570:2005
296.	Synthetic and Natural Textile material, prints for textile & other Footwear components	Banned Azo- colourants : p- cresidine (2- methoxy-5- methyl aniline)	IS 15570:2005
297.	Synthetic and Natural Textile material, prints for textile & other Footwear components	Banned Azo- colourants : 4,4' methylene-bis (2- chloroaniline)	IS 15570:2005
298.	Synthetic and Natural Textile material, prints for textile & other Footwear components	Banned Azo- colourants : 4,4'-oxydianiline	IS 15570:2005

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Chemical Testing

Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile		
299.	Synthetic and Natural Textile material, prints for textile & other Footwear components	Banned Azo- colourants : 4,4'-thiodianiline	IS 15570:2005
300.	Synthetic and Natural Textile material, prints for textile & other Footwear components	Banned Azo- colourants : o-toluidine	IS 15570:2005
301.	Synthetic and Natural Textile material, prints for textile & other Footwear components	Banned Azo- colourants : 2,4-toluenediamine	IS 15570:2005
302.	Synthetic and Natural Textile material, prints for textile & other Footwear components	Banned Azo- colourants : 2,4,5-trimethylaniline	IS 15570:2005
303.	Synthetic and Natural Textile material, prints for textile & other Footwear components	Banned Azo- colourants : o-aminoazotoluene	IS 15570:2005
304.	Synthetic and Natural Textile material, prints for textile & other Footwear components	Banned Azo- colourants : 2-amino-4- nitrotoluene	IS 15570:2005
305.	Synthetic and Natural Textile material, prints for textile & other Footwear components	Banned Azo- colourants : p-aminoazobenzene	IS 15570:2005

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Chemical Testing

Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile		
306.	Synthetic and Natural Textile material, prints for textile & other Footwear components	Banned Azo- colourants : o- anisidine	IS 15570:2005
307.	Synthetic and Natural Textile material, prints for textile & other Footwear components	Banned Azo- colourants : 2,4- dimethylaniline	IS 15570:2005
308.	Synthetic and Natural Textile material, prints for textile & other Footwear components	Banned Azo- colourants : 2,6- dimethylaniline	IS 15570:2005
309.	Synthetic and Natural Textile material, prints for textile & other Footwear components	Dimethyl fumarate (DMFU)	IS 16991:2018
310.	Synthetic and Natural Textile material, prints for textile & other Footwear components	Free and releasable formaldehyde	IS 14563 (Part 1):2021
311.	Synthetic and Natural Textile material, prints for textile & other Footwear components	Organotin compounds: Dibutyltin	IS 16981:2018
312.	Synthetic and Natural Textile material, prints for textile & other Footwear components	Organotin compounds: Dibutyltin dichloride	IS 16981:2018
313.	Synthetic and Natural	Organotin compounds: Diocetyl tin	IS 16981:2018

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile		
	Textile material, prints for textile & other Footwear components		
314.	Synthetic and Natural Textile material, prints for textile & other Footwear components	Organotin compounds: Monobutyltin	IS 16981:2018
315.	Synthetic and Natural Textile material, prints for textile & other Footwear components	Organotin compounds: Tributyltin	IS 16981:2018
316.	Synthetic and Natural Textile material, prints for textile & other Footwear components	Organotin compounds: Triphenyltin	IS 16981:2018
317.	Synthetic and Natural Textile material, prints for textile & other Footwear components	Organotin compounds: Monoctyltin	IS 16981:2018
318.	Synthetic and Natural Textile material, prints for textile & other Footwear components	Organotin compounds: Bis(tributyltin)oxide	IS 16981:2018
319.	Synthetic and Natural Textile material, prints for textile & other Footwear components	pH	Is 1390:2022
320.	Synthetic and Natural	Phthalates:Diisonon yl Phthalate	IS 16915:2018

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile		
	Textile material, prints for textile & other Footwear components		
321.	Synthetic and Natural Textile material, prints for textile & other Footwear components	Phthalates:Diisodec yl Phthalate	IS 16915:2018
322.	Synthetic and Natural Textile material, prints for textile & other Footwear components	Phthalates:Bis-2- ethyl hexyl Phthalate	IS 16915:2018
323.	Synthetic and Natural Textile material, prints for textile & other Footwear components	Phthalates:Di-n- octyl phthalate Phthalate	IS 16915:2018
324.	Synthetic and Natural Textile material, prints for textile & other Footwear components	Phthalates:Butyl benzyl Phthalate	IS 16915:2018
325.	Synthetic and Natural Textile material, prints for textile & other Footwear components	Phthalates:Dibutyl Phthalate	IS 16915:2018
326.	Synthetic and Natural Textile material, prints for textile & other Footwear components	Allergenic disperse dyes :Disperse blue 3	IS 16914 (Part 2):2018
327.	Synthetic and Natural Textile material, prints for textile & other Footwear components	Allergenic disperse dyes :Disperse blue 7	IS 16914 (Part 2):2018

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile		
328.	Synthetic and Natural Textile material, prints for textile & other Footwear components	Allergenic disperse dyes :Disperse blue 26	IS 16914 (Part 2):2018
329.	Synthetic and Natural Textile material, prints for textile & other Footwear components	Allergenic disperse dyes :Disperse blue 102	IS 16914 (Part 2):2018
330.	Synthetic and Natural Textile material, prints for textile & other Footwear components	Allergenic disperse dyes :Disperse brown 1	IS 16914 (Part 2):2018
331.	Synthetic and Natural Textile material, prints for textile & other Footwear components	Allergenic disperse dyes :Disperse yellow 1	IS 16914 (Part 2):2018
332.	Synthetic and Natural Textile material, prints for textile & other Footwear components	Allergenic disperse dyes :Disperse yellow 9	IS 16914 (Part 2):2018
333.	Synthetic and Natural Textile material, prints for textile & other Footwear components	Allergenic disperse dyes :Disperse yellow 39	IS 16914 (Part 2):2018
334.	Synthetic and Natural Textile material, prints for textile & other Footwear components	Allergenic disperse dyes :Disperse yellow 49	IS 16914 (Part 2):2018

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile		
335.	Synthetic and Natural Textile material, prints for textile & other Footwear components	Allergenic disperse dyes : Disperse orange 1	IS 16914 (Part 2):2018
336.	Synthetic and Natural Textile material, prints for textile & other Footwear components	Allergenic disperse dyes :Disperse red 11	IS 16914 (Part 2):2018
337.	Synthetic and Natural Textile material, prints for textile & other Footwear components	Allergenic disperse dyes : Disperse red 17	IS 16914 (Part 2):2018
338.	Synthetic and Natural Textile material, prints for textile & other Footwear components	Allergenic disperse dyes :Disperse yellow 7	IS 16914 (Part 2):2018
339.	Synthetic and Natural Textile material, prints for textile & other Footwear components	Allergenic disperse dyes :Disperse yellow 56	IS 16914 (Part 2):2018
340.	Synthetic and Natural Textile material, prints for textile & other Footwear components	Allergenic disperse dyes :Disperse red 151	IS 16914 (Part 2):2018
341.	Synthetic and Natural Textile material, prints for textile & other Footwear components	Allergenic disperse dyes :Solvent red 23	IS 16914 (Part 2):2018
342.	Synthetic and Natural	Allergenic Carcinogenic Disperse dyes: Navy Blue	IS 16914 (Part 2):2018

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile		
	Textile material, prints for textile & other Footwear components		
343.	Synthetic and Natural Textile material, prints for textile & other Footwear components	Allergenic Carcinogenic Disperse dyes: Disperse blue 1	IS 16914 (Part 2):2018
344.	Synthetic and Natural Textile material, prints for textile & other Footwear components	Allergenic Carcinogenic Disperse dyes: Disperse blue 35	IS 16914 (Part 2):2018
345.	Synthetic and Natural Textile material, prints for textile & other Footwear components	Allergenic Carcinogenic Disperse dyes: Disperse blue 106	IS 16914 (Part 2):2018
346.	Synthetic and Natural Textile material, prints for textile & other Footwear components	Allergenic Carcinogenic Disperse dyes: Disperse blue 124	IS 16914 (Part 2):2018
347.	Synthetic and Natural Textile material, prints for textile & other Footwear components	Allergenic Carcinogenic Disperse dyes: Disperse yellow 3	IS 16914 (Part 2):2018
348.	Synthetic and Natural Textile material, prints for textile & other Footwear components	Allergenic Carcinogenic Disperse dyes: Disperse orange 3	IS 16914 (Part 2):2018

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile		
349.	Synthetic and Natural Textile material, prints for textile & other Footwear components	Allergenic Carcinogenic Disperse dyes: Disperse orange 37/59/76a)	IS 16914 (Part 2):2018
350.	Synthetic and Natural Textile material, prints for textile & other Footwear components	Allergenic Carcinogenic Disperse dyes: Disperse red 1	IS 16914 (Part 2):2018
351.	Synthetic and Natural Textile material, prints for textile & other Footwear components	Allergenic Carcinogenic Disperse dyes: Basic red 9	IS 16914 (Part 2):2018
352.	Synthetic and Natural Textile material, prints for textile & other Footwear components	Allergenic Carcinogenic Disperse dyes: Violet 3	IS 16914 (Part 2):2018
353.	Synthetic and Natural Textile material, prints for textile & other Footwear components	Allergenic Carcinogenic Disperse dyes: Disperse yellow 23	IS 16914 (Part 2):2018
354.	Textiles-Cotton Towelling and Towels	Identification	IS 667
355.	Sanitary Napkin	di-n-butyl phthalate (DBP)	9873 (P-6) : 2021
356.	Sanitary Napkin	benzylbutyl phthalate (BBP)	9873 (P-6) : 2021
357.	Sanitary Napkin	bis-(2-ethylhexyl) phthalate (DEHP)	9873 (P-6) : 2021

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile		
358.	Sanitary Napkin	di-n-octyl phthalate (DNOP)	9873 (P-6) : 2021
359.	Sanitary Napkin	di-iso- nonylphthalate (DINP)	9873 (P-6) : 2021
360.	Sanitary Napkin	di-iso-decyl phthalate (DIDP)	9873 (P-6) : 2021
361.	Disposable Baby Diaper	di-n-butyl phthalate (DBP)	9873 (P-6) : 2021
362.	Disposable Baby Diaper	benzylbutyl phthalate (BBP)	9873 (P-6) : 2021
363.	Disposable Baby Diaper	bis-(2-ethylhexyl) phthalate (DEHP)	9873 (P-6) : 2021
364.	Disposable Baby Diaper	di-n-octyl phthalate (DNOP)	9873 (P-6) : 2021
365.	Disposable Baby Diaper	di-iso- nonylphthalate (DINP)	9873 (P-6) : 2021
366.	Disposable Baby Diaper	di-iso-decyl phthalate (DIDP)	9873 (P-6) : 2021
367.	Disposable Baby Diaper Specification	pH	IS:17509-2021, IS:1390-2022
368.	Textile Fibre, Yarn, fabric & garments	Free and releasable formaldehyde	IS 14563 (Part 1&2):2021
369.	Textile Fibre, Yarn, fabric & garments	Free and releasable formaldehyde	ISO 14184 (Part-1&2): 2011
370.	Textile Fibre, Yarn, fabric & garments	Free and releasable formaldehyde	AATCC112/SASO 2142 & 2143/JISL 1041

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile		
371.	Textile Fibre, Yarn, fabric & garments	Free and releasable formaldehyde	EN 14184 (P-1&2)
372.	Textile Fibre, Yarn, fabric & garments	Extractable heavy metals by artificial Acidic sweat/saliva: Mercury	Annex A of IS 15651:2006/ BS EN 71-3-2019+A1-2021/EU/2009/48/EC and its amendments
373.	Textile Fibre, Yarn, fabric & garments	Extractable heavy metals by artificial Acidic sweat/saliva: Chromium III	Annex A of IS15651:2006/ BS EN 71-3-2019+A1- 2021/EU/2009/48/EC and its amendments
374.	Textile Fibre, Yarn, fabric & garments	Extractable heavy metals by artificial Acidic sweat/saliva: Chromium VI	Annex A of IS 15651:2006/ BS EN 71-3-2019+A1-2021/EU 2009/48/EC and its amendments
375.	Textile Fibre, Yarn, fabric & garments	Extractable heavy metals by artificial Acidic sweat/saliva: Lead	Annex A of IS 15651:2006/ 16 CFR 1303:2018/16 CFR1252:2021 /CPSC-CH- E1003-09.1/CPSC-CH- E1001-08.03/CPSC-CH- E1002-08.03/AOAC 974.02(mod)/BS EN 71-3-2019+A1-2021/EU 2009/48/EC and its amendments
376.	Textile Fibre, Yarn, fabric & garments	Extractable heavy metals by artificial Acidic sweat/saliva: Cadmium	Annex A of IS 15651:2006/EN 1122:2001/BS EN 71-3-2019+A1-2021/EU 2009/48/EC and its amendments

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile		
377.	Textile Fibre, Yarn, fabric & garments	Extractable heavy metals by artificial Acidic sweat/saliva: Copper	Annex A of IS 15651:2006/BS EN 71-3-2019+A1-2021/EU/2009/48/EC and its amendments
378.	Textile Fibre, Yarn, fabric & garments	Extractable heavy metals by artificial Acidic sweat/saliva: Antimony	Annex A of IS15651:2006/BS EN 71-3-2019+A1-2021/EU 2009/48/EC and its amendments
379.	Textile Fibre, Yarn, fabric & garments	Extractable heavy metals by artificial Acidic sweat/saliva: Cobalt	Annex A of IS 15651:2006/BS EN 71-3-2019+A1-2021/EU 2009/48/EC and its amendments
380.	Textile Fibre, Yarn, fabric & garments	Extractable heavy metals by artificial Acidic sweat/saliva: Nickle	Annex A of IS 15651:2006/ BS EN 71-3-2019+A1-2021/EU 2009/48/EC and its amendments
381.	Textile Fibre, Yarn, fabric & garments	Extractable heavy metals by artificial Acidic sweat/saliva: Arsenic	Annex A of IS 15651:2006/BS EN 71-3-2019+A1-2021/EU/2009/48/EC and its amendments
382.	Textile Fibre, Yarn, fabric & garments	Pentachlorophenol (PCP)	Annex B of IS 15651:2006/ISO 17070/64LGFGFB B82.02.8 / IS 14575:2024
383.	Textile Fibre, Yarn, fabric & garments	tetra- chlorophenol (TeCP)	Annex B of IS 15651:2006/ISO 17070/64LGFGFB B82.02.8/ IS 14575:2024

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile		
384.	Textile Fibre, Yarn, fabric & garments	Orthophenyl phenol (OPP)	Annex B of IS 15651:2006/ISO 17070/64LGFG B82.02.8/ IS 14575:2024
385.	Textile Fibre, Yarn, fabric & garments	Pesticide Residue: 2,4-D	Annex D of IS 15651:2006/EPA Method 8081 B/EPA 8151 A
386.	Textile Fibre, Yarn, fabric & garments	Pesticide Residue: 2,4,5-T	Annex D of IS 15651:2006/EPA Method 8081 B/EPA 8151 A
387.	Textile Fibre, Yarn, fabric & garments	Pesticide Residue: DDT	Annex D of IS 15651:2006/EPA Method 8081 B/EPA 8151 A
388.	Textile Fibre, Yarn, fabric & garments	Pesticide Residue: DDD	Annex D of IS 15651:2006/EPA Method 8081 B/EPA 8151 A
389.	Textile Fibre, Yarn, fabric & garments	Pesticide Residue: DDE	Annex D of IS 15651:2006/EPA Method 8081 B/EPA 8151 A
390.	Textile Fibre, Yarn, fabric & garments	Pesticide Residue: Alpha-HCH	Annex D of IS 15651:2006/EPA Method 8081 B/EPA 8151 A
391.	Textile Fibre, Yarn, fabric & garments	Pesticide Residue: Beta-HCH	Annex D of IS 15651:2006/EPA Method 8081 B/EPA 8151 A
392.	Textile Fibre, Yarn, fabric & garments	Pesticide Residue: Delta-HCH	Annex D of IS 15651:2006/EPA Method 8081 B/EPA 8151 A
393.	Textile Fibre, Yarn, fabric & garments	Pesticide Residue: Lindane (Gamma- HCH)	Annex D of IS 15651:2006/EPA Method 8081 B/EPA 8151 A

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Chemical Testing

Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile		
394.	Textile Fibre, Yarn, fabric & garments	Pesticide Residue: Aldrin	Annex D of IS 15651:2006/EPA Method 8081 B/EPA 8151 A
395.	Textile Fibre, Yarn, fabric & garments	Pesticide Residue: Dieldrin	Annex D of IS 15651:2006/EPA Method 8081 B/EPA 8151 A
396.	Textile Fibre, Yarn, fabric & garments	Pesticide Residue: Toxaphene	Annex D of IS 15651:2006/EPA Method 8081 B/EPA 8151 A
397.	Textile Fibre, Yarn, fabric & garments	Pesticide Residue: Heptachlor	Annex D of IS 15651:2006/EPA Method 8081 B/EPA 8151 A
398.	Textile Fibre, Yarn, fabric & garments	Pesticide Residue: Heptachlor-exoepoxide	Annex D of IS 15651:2006/EPA Method 8081 B/EPA 8151 A
399.	Textile Fibre, Yarn, fabric & garments	Pesticide Residue: Trifluralin	Annex D of IS 15651:2006/EPA Method 8081 B/EPA 8151 A
400.	Textile Fibre, Yarn, fabric & garments	Pesticide Residue: Hexachlorobenzene	Annex D of IS 15651:2006/EPA Method 8081 B/EPA 8151 A
401.	Textile Fibre, Yarn, fabric & garments	Pesticide Residue: Malathion	Annex D of IS 15651:2006/EPA Method 8081 B/EPA 8151 A
402.	Textile Fibre, Yarn, fabric & garments	Pesticide Residue: Parathion	Annex D of IS 15651:2006/EPA Method 8081 B/EPA 8151 A
403.	Textile Fibre, Yarn, fabric & garments	Pesticide Residue: Alpha-Endosulfan	Annex D of IS 15651:2006/EPA Method 8081 B/EPA 8151 A

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile		
404.	Textile Fibre, Yarn, fabric & garments	Pesticide Residue: Beta-Endosulfan	Annex D of IS 15651:2006/EPA Method 8081 B/EPA 8151 A
405.	Textile Fibre, Yarn, fabric & garments	Pesticide Residue: Endosulfan sulphate	Annex D of IS 15651:2006/ EPA Method 8081 B/EPA 8151 A
406.	Textile Fibre, Yarn, fabric & garments	Pesticide Residue: Endrin	Annex D of IS 15651:2006/EPA Method 8081 B/EPA 8151 A
407.	Textile Fibre, Yarn, fabric & garments	Pesticide Residue: Methoxychlor	Annex D of IS 15651:2006/EPA Method 8081 B/EPA 8151 A
408.	Textile Fibre, Yarn, fabric & garments	Pesticide Residue: Mirex	Annex D of IS 15651:2006/EPA Method 8081 B/EPA 8151 A
409.	Textile Fibre, Yarn, fabric & garments	Pesticide Residue: Permethrin	Annex D of IS 15651:2006 /EPA Method 8081 B/EPA 8151 A
410.	Textile Fibre, Yarn, fabric & garments	Organo-tin Compounds: Tributyltin	Annex C of IS 15651:2006/IS 16981:2018/EC No 1907/2006
411.	Textile Fibre, Yarn, fabric & garments	Organo-tin Compounds: Dibutyltin	Annex C of IS 15651:2006/IS 16981:2018/EC No 1907/2006
412.	Textile Fibre, Yarn, fabric & garments	Banned Azo- colourants : 4-aminobiphenyl	IS 15570:2005/ISO 14362-1,3:2017/ISO 17234-1:2020/ ISO 17234-2:2011/ GB-T 17592

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile		
413.	Textile Fibre, Yarn, fabric & garments	Banned Azo- colourants : Benzidine	IS 15570:2005/ISO 14362-1,3:2017/ISO 17234-1:2020/ISO 17234- 2:2011/ GB-T 17592
414.	Textile Fibre, Yarn, fabric & garments	Banned Azo- colourants : 4-chloro-o-toluidine	IS 15570:2005/ISO 14362-1,3:2017/ISO 17234-1:2020/ISO 17234-2:2011/ GB-T 17592
415.	Textile Fibre, Yarn, fabric & garments	Banned Azo-colourants : 2-naphthylamine	IS 15570:2005/ISO 14362-1,3:2017/ISO 17234-1:2020/ISO 17234-2:2011/ GB-T 17592
416.	Textile Fibre, Yarn, fabric & garments	Banned Azo- colourants : 4-chloro-aniline	IS 15570:2005/ISO 14362-1,3:2017/ISO 17234-1:2020/ISO 17234-2:2011/ GB-T 17592
417.	Textile Fibre, Yarn, fabric & garments	Banned Azo- colourants : 2,4-diaminoanisole	IS 15570:2005/ISO 14362-1,3:2017/ISO 17234-1:2020/ISO 17234-2:2011/ GB-T 17592
418.	Textile Fibre, Yarn, fabric & garments	Banned Azo-colourants : 4,4'-diaminodiphenyl methane	IS 15570:2005/ISO 14362-1,3:2017/ISO 17234-1:2020/ISO 17234-2:2011/ GB-T 17592
419.	Textile Fibre, Yarn, fabric & garments	Banned Azo- colourants : 3,3'-dichlorobenzidine	IS 15570:2005/ISO 14362-1,3:2017/ISO 17234-1:2020/ISO 17234-2:2011/ GB-T 17592

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile		
420.	Textile Fibre, Yarn, fabric & garments	Banned Azo-colourants : 3,3'-dimethoxybenzidine	IS 15570:2005/ISO 14362-1,3:2017/ISO 17234-1:2020/ISO 17234-2:2011/ GB-T 17592
421.	Textile Fibre, Yarn, fabric & garments	Banned Azo-colourants : 3,3'-dimethylbenzidine	IS 15570:2005/ISO 14362-1,3:2017/ISO 17234-1:2020/ISO 17234-2:2011/ GB-T 17592
422.	Textile Fibre, Yarn, fabric & garments	Banned Azo-colourants : 3,3-dimethyl,4,4'-diaminodiphenylmethane	IS 15570:2005/ISO 14362-1,3:2017/ISO 17234-1:2020/ISO 17234-2:2011/ GB-T 17592
423.	Textile Fibre, Yarn, fabric & garments	Banned Azo-colourants : p-cresidine	IS 15570:2005/ISO 14362-1,3:2017/ISO 17234-1:2020/ISO 17234-2:2011/ GB-T 17592
424.	Textile Fibre, Yarn, fabric & garments	Banned Azo-colourants : 4,4'-methylene-bis (2-chloroaniline)	IS 15570:2005/ISO 14362-1,3:2017/ISO 17234-1:2020/ISO 17234-2:2011/ GB-T 17592
425.	Textile Fibre, Yarn, fabric & garments	Banned Azo-colourants : 4,4'-oxydianiline	IS 15570:2005/ISO 14362-1,3:2017/ISO 17234-1:2020/ISO 17234-2:2011/ GB-T 17592
426.	Textile Fibre, Yarn, fabric & garments	Banned Azo-colourants : 4,4'-thiodianiline	IS 15570:2005/ISO 14362-1,3:2017/ISO 17234-1:2020/ISO 17234-2:2011/ GB-T 17592

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile		
427.	Textile Fibre, Yarn, fabric & garments	Banned Azo-colourants : o-toluidine (2- aminotoluene)	IS 15570:2005/ISO 14362-1,3:2017/ISO 17234-1:2020/ISO 17234-2:2011/ GB-T 17592
428.	Textile Fibre, Yarn, fabric & garments	Banned Azo- colourants : 2,4-tolylenediamine	IS 15570:2005/ISO 14362-1,3:2017/ISO 17234-1:2020/ISO 17234-2:2011/ GB-T 17592
429.	Textile Fibre, Yarn, fabric & garments	Banned Azo-colourants : 2,4,5- trimethylaniline	IS 15570:2005/ISO 14362-1,3:2017/ISO 17234-1:2020/ISO 17234-2:2011/ GB-T 17592
430.	Textile Fibre, Yarn, fabric & garments	Banned Azo- colourants : o-aminoazotoluene	IS 15570:2005/ISO 14362-1,3:2017/ISO 17234-1:2020/ISO 17234-2:2011/ GB-T 17592
431.	Textile Fibre, Yarn, fabric & garments	Banned Azo-colourants : 2-amino-4- nitrotoluene	IS 15570:2005/ISO 14362-1,3:2017/ISO 17234-1:2020/ISO 17234-2:2011/ GB-T 17592
432.	Textile Fibre, Yarn, fabric & garments	Banned Azo-colourants : p-aminoazobenzen e	IS 15570:2005/ISO 14362-1,3:2017/ISO 17234-1:2020/ISO 17234- 2:2011/ GB-T 17592
433.	Textile Fibre, Yarn, fabric & garments	Banned Azo-colourants : o-anisidine (2-methoxy aniline)	IS 15570:2005/ISO 14362-1,3:2017/ISO 17234-1:2020/ISO 17234-2:2011/ GB-T 17592

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Chemical Testing

Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile		
434.	Textile Fibre, Yarn, fabric & garments	Banned Azo- colourants : 2,4-dimethylaniline	IS 15570:2005/ISO 14362-1,3:2017/ISO 17234-1:2020/ISO 17234-2:2011/ GB-T 17592
435.	Textile Fibre, Yarn, fabric & garments	Banned Azo- colourants : 2,6-dimethylaniline	IS 15570:2005/ISO 14362-1,3:2017/ISO 17234-1:2020/ISO 17234-2:2011/ GB-T 17592
436.	Textile Fibre, Yarn, fabric & garments	Phthalates:Diison onyl Phthalate	ISO 14389:2014/16 CFR/1307/16 CFR 1252/CPSC-CH-C1001-09.4
437.	Textile Fibre, Yarn, fabric & garments	Phthalates:Diisod ecyl Phthalate	ISO 14389:2014/16 CFR 1307/16 CFR 1252/CPSC-CH-C1001-09.4
438.	Textile Fibre, Yarn, fabric & garments	Phthalates:Bis-2- ethyl hexyl Phthalate	ISO 14389:2014/16 CFR 1307/16 CFR 1252/CPSC- CH-C1001-09.4
439.	Textile Fibre, Yarn, fabric & garments	Phthalates:Di-n- octyl phthalate Phthalate	ISO 14389:2014/16 CFR 1307/16 CFR 1252/CPSC- CH-C1001-09.4
440.	Textile Fibre, Yarn, fabric & garments	Phthalates:Butyl benzyl Phthalate	ISO 14389:2014/16 CFR 1307/16 CFR 1252/CPSC-CH-C1001-09.4
441.	Textile Fibre, Yarn, fabric & garments	Phthalates:Dibuty l Phthalate	ISO 14389:2014/16 CFR 1307/16 CFR 1252/CPSC- CH-C1001-09.4

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Chemical Testing

Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile		
442.	Textile Fibre, Yarn, fabric & garments	pH of aqueous extract	IS 1390:2022/ISO 3071:2020/ IS 4148
443.	Textile Fibre, Yarn, fabric & garments	Banned Azo- colourants : 4-aminobiphenyl	ISO 14362-1,3:2017/ISO 17234-1:2020/ISO 17234-2:2011/ IS 15570:2005/ GB-T 17592
444.	Textile Fibre, Yarn, fabric & garments	Banned Azo- colourants : Benzidine	ISO 14362-1,3:2017/ISO 17234-1:2020/ISO 17234-2:2011/ IS 15570:2005/ GB-T 17592
445.	Textile Fibre, Yarn, fabric & garments	Banned Azo- colourants : 4-chloro-o-toluidine	ISO 14362-1,3:2017/ISO 17234-1:2020/ISO 17234-2:2011/ IS 15570:2005/ GB-T 17592
446.	Textile Fibre, Yarn, fabric & garments	Banned Azo- colourants : 2-naphthylamine	ISO 14362-1,3:2017/ISO 17234-1:2020/ISO 17234-2:2011/ IS 15570:2005/ GB-T 17592
447.	Textile Fibre, Yarn, fabric & garments	Banned Azo- colourants : 4-chloro-aniline	ISO 14362-1,3:2017/ISO 17234-1:2020/ISO 17234-2:2011/ IS 15570:2005/ GB-T 17592
448.	Textile Fibre, Yarn, fabric & garments	Banned Azo- colourants : 2,4-diaminoanisole	ISO 14362-1,3:2017/ISO 17234-1:2020/ISO 17234-2:2011/ IS 15570:2005/ GB-T 17592

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile		
449.	Textile Fibre, Yarn, fabric & garments	Banned Azo-colourants : 4,4'-diaminodiphenyl methane	ISO 14362-1,3:2017/ISO 17234-1:2020/ISO 17234-2:2011/ IS 15570:2005/GB-T 17592
450.	Textile Fibre, Yarn, fabric & garments	Banned Azo- colourants : 3,3'-dichlorobenzidine	ISO 14362-1,3:2017/ISO 17234-1:2020/ISO 17234-2:2011/ IS 15570:2005/GB-T 17592
451.	Textile Fibre, Yarn, fabric & garments	Banned Azo-colourants : 3,3'-dimethoxybenzidine	ISO 14362-1,3:2017/ISO 17234-1:2020/ISO 17234-2:2011/ IS 15570:2005/GB-T 17592
452.	Textile Fibre, Yarn, fabric & garments	Banned Azo-colourants : 3,3'-dimethylbenzidine	ISO 14362-1,3:2017/ISO 17234-1:2020/ISO 17234-2:2011/ IS 15570:2005/GB-T 17592
453.	Textile Fibre, Yarn, fabric & garments	Banned Azo-colourants : 3,3'-dimethyl,4,4'- diaminodi phenylmethane	ISO 14362-1,3:2017/ISO 17234-1:2020/ISO 17234-2:2011/ IS 15570:2005/ GB-T 17592
454.	Textile Fibre, Yarn, fabric & garments	Banned Azo-colourants : p-cresidine (2- methoxy-5- methyl aniline)	ISO 14362-1,3:2017/ISO 17234-1:2020/ISO 17234-2:2011/ IS 15570:2005/ GB-T 17592

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile		
455.	Textile Fibre, Yarn, fabric & garments	Banned Azo-colourants : 4,4' methylene-bis (2-chloroaniline)	ISO 14362-1,3:2017/ISO 17234-1:2020/ISO 17234-2:2011/ IS 15570:2005/GB-T 17592
456.	Textile Fibre, Yarn, fabric & garments	Banned Azo- colourants : 4,4'-oxydianiline	ISO 14362-1,3:2017/ISO 17234-1:2020/ISO 17234-2:2011/ IS 15570:2005/GB-T 17592
457.	Textile Fibre, Yarn, fabric & garments	Banned Azo- colourants : 4,4'-thiodianiline	ISO 14362-1,3:2017/ISO 17234-1:2020/ISO 17234-2:2011/ IS 15570:2005/GB-T 17592
458.	Textile Fibre, Yarn, fabric & garments	Banned Azo-colourants : o-toluidine (2- aminotoluene)	ISO 14362-1,3:2017/ISO 17234-1:2020/ISO 17234-2:2011/ IS 15570:2005/ GB-T 17592
459.	Textile Fibre, Yarn, fabric & garments	Banned Azo- colourants : 2,4-tolylenediamine	ISO 14362-1,3:2017/ISO 17234-1:2020/ISO 17234-2:2011/ IS 15570:2005/ GB-T 17592
460.	Textile Fibre, Yarn, fabric & garments	Banned Azo-colourants : 2,4,5- trimethylaniline	ISO 14362-1,3:2017/ISO 17234-1:2020/ISO 17234-2:2011/ IS 15570:2005/ GB-T 17592

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile		
461.	Textile Fibre, Yarn, fabric & garments	Banned Azo- colourants : o-aminoazotoluene	ISO 14362-1,3:2017/ISO 17234-1:2020/ISO 17234-2:2011/ IS 15570:2005/ GB-T 17592
462.	Textile Fibre, Yarn, fabric & garments	Banned Azo-colourants : 2-amino-4- nitrotoluene	ISO 14362-1,3:2017/ISO 17234-1:2020/ISO 17234-2:2011/ IS 15570:2005/ GB-T 17592
463.	Textile Fibre, Yarn, fabric & garments	Banned Azo-colourants : p-aminoazobenzen e	ISO 14362-1,3:2017/ISO 17234-1:2020/ISO 17234-2:2011/ IS 15570:2005/ GB-T 17592
464.	Textile Fibre, Yarn, fabric & garments	Banned Azo-colourants : o- anisidine (2-methoxy aniline)	ISO 14362-1,3:2017/ISO 17234-1:2020/ISO 17234-2:2011/ IS 15570:2005/ GB-T 17592
465.	Textile Fibre, Yarn, fabric & garments	Banned Azo- colourants : 2,4-dimethylaniline	ISO 14362-1,3:2017/ISO 17234-1:2020/ISO 17234-2:2011/ IS 15570:2005/ GB-T 17592
466.	Textile Fibre, Yarn, fabric & garments	Banned Azo- colourants : 2,6-dimethylaniline	ISO 14362-1,3:2017/ISO 17234-1:2020/ISO 17234-2:2011/ IS 15570:2005/ GB-T 17592
467.	Textile Fibre, Yarn, fabric & garments	Nonyl Phenole(NP)	ISO 18254,P-1 / ISO 18218,P-1:2015

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile		
468.	Textile Fibre, Yarn, fabric & garments	Octyl Phenole (OP)	ISO 18254,P-1 / ISO 18218,P-1:2015
469.	Textile Fibre, Yarn, fabric & garments	Nonyl Phenolethoxylates (NPEO)	ISO 18254,P-1 / ISO 18218,P-1:2015
470.	Textile Fibre, Yarn, fabric & garments	Nonyl Phenolethoxylate (OPEO)	ISO 18254,P-1 / ISO 18218,P-1:2015
471.	Textile Fibre, Yarn, fabric & garments	Banned Azo- colourants : 4-aminobiphenyl	IS 15570:2005/ISO 14362-1,3:2017/ISO 17234-1:2020/ISO 17234-2:2011/ GB-T 17592
472.	Synthetic and Natural Textile material, prints for textile & other Footwear components	Banned Azo- colourants : Benzidine	IS 15570:2005/ISO 14362-1,3:2017/ISO 17234-1:2020/ISO 17234-2:2011/ GB-T 17592
473.	Synthetic and Natural Textile material, prints for textile & other Footwear components	Banned Azo- colourants : 4-chloro-o-toluidine	IS 15570:2005/ISO 14362-1,3:2017/ISO 17234-1:2020/ISO 17234-2:2011/ GB-T 17592
474.	Synthetic and Natural Textile material, prints for textile & other Footwear components	Banned Azo- colourants : 2-naphthylamine	IS 15570:2005/ISO 14362-1,3:2017/ISO 17234-1:2020/ISO 17234-2:2011/ GB-T 17592
475.	Synthetic and Natural Textile material, prints for textile & other Footwear components	Banned Azo- colourants : 4-chloro-aniline	IS 15570:2005/ISO 14362-1,3:2017/ISO 17234-1:2020/ISO 17234-2:2011/ GB-T 17592

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Chemical Testing

Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile		
476.	Synthetic and Natural Textile material, prints for textile & other Footwear components	Banned Azo- colourants : 2,4-diaminoanisole	IS 15570:2005/ISO 14362-1,3:2017/ISO 17234-1:2020/ISO 17234-2:2011/ GB-T 17592
477.	Synthetic and Natural Textile material, prints for textile & other Footwear components	Banned Azo- colourants : 4,4'-diaminodiphenyl methane	IS 15570:2005/ISO 14362-1,3:2017/ISO 17234-1:2020/ISO 17234-2:2011/ GB-T 17592
478.	Synthetic and Natural Textile material, prints for textile & other Footwear components	Banned Azo- colourants : 3,3'-dichlorobenzidine	IS 15570:2005/ISO 14362-1,3:2017/ISO 17234-1:2020/ISO 17234-2:2011/ GB-T 17592
479.	Synthetic and Natural Textile material, prints for textile & other Footwear components	Banned Azo-colourants : 3,3'-dimethoxybenzidine	IS 15570:2005/ISO 14362-1,3:2017/ISO 17234-1:2020/ISO 17234-2:2011/ GB-T 17592
480.	Synthetic and Natural Textile material, prints for textile & other Footwear components	Banned Azo-colourants : 3,3'-dimethylbenzidine	IS 15570:2005/ISO 14362-1,3:2017/ISO 17234-1:2020/ISO 17234-2:2011/ GB-T 17592
481.	Synthetic and Natural Textile material, prints for textile & other Footwear components	Banned Azo-colourants : 3,3'-dimethyl,4,4'-diaminodiphenyl methane	IS 15570:2005/ISO 14362-1,3:2017/ISO 17234-1:2020/ISO 17234-2:2011/ GB-T 17592

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile		
482.	Synthetic and Natural Textile material, prints for textile & other Footwear components	Banned Azo-colourants : p- cresidine (2-methoxy-5-methyl aniline)	IS 15570:2005/ISO 14362-1,3:2017/ISO 17234-1:2020/ISO 17234-2:2011/ GB-T 17592
483.	Synthetic and Natural Textile material, prints for textile & other Footwear components	Banned Azo-colourants : 4,4' methylene-bis (2- chloroaniline)	IS 15570:2005/ISO 14362-1,3:2017/ISO 17234-1:2020/ISO 17234-2:2011/ GB-T 17592
484.	Synthetic and Natural Textile material, prints for textile & other Footwear components	Banned Azo- colourants : 4,4'-oxydianiline	IS 15570:2005/ISO 14362-1,3:2017/ISO 17234-1:2020/ISO 17234-2:2011/ GB-T 17592
485.	Synthetic and Natural Textile material, prints for textile & other Footwear components	Banned Azo- colourants : 4,4'-thiodianiline	IS 15570:2005/ISO 14362-1,3:2017/ISO 17234-1:2020/ISO 17234-2:2011/ GB-T 17592
486.	Synthetic and Natural Textile material, prints for textile & other Footwear components	Banned Azo- colourants : o-toluidine	IS 15570:2005/ISO 14362-1,3:2017/ISO 17234-1:2020/ISO 17234-2:2011/ GB-T 17592
487.	Synthetic and Natural Textile material, prints for textile & other Footwear components	Banned Azo- colourants : 2,4-toluenediamine	IS 15570:2005/ISO 14362-1,3:2017/ISO 17234-1:2020/ISO 17234-2:2011/ GB-T 17592

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile		
488.	Synthetic and Natural Textile material, prints for textile & other Footwear components	Banned Azo-colourants : 2,4,5- trimethylaniline	IS 15570:2005/ISO 14362-1,3:2017/ISO 17234-1:2020/ISO 17234-2:2011/ GB-T 17592
489.	Synthetic and Natural Textile material, prints for textile & other Footwear components	Banned Azo- colourants : o- aminoazotoluene	IS 15570:2005/ISO 14362-1,3:2017/ISO 17234-1:2020/ISO 17234-2:2011/ GB-T 17592
490.	Synthetic and Natural Textile material, prints for textile & other Footwear components	Banned Azo-colourants : 2- amino-4- nitrotoluene	IS 15570:2005/ISO 14362-1,3:2017/ISO 17234-1:2020/ISO 17234-2:2011/ GB-T 17592
491.	Synthetic and Natural Textile material, prints for textile & other Footwear components	Banned Azo- colourants : p- aminoazobenzen e	IS 15570:2005/ISO 14362-1,3:2017/ISO 17234-1:2020/ISO 17234-2:2011/ GB-T 17592
492.	Synthetic and Natural Textile material, prints for textile & other Footwear components	Banned Azo- colourants : o- anisidine	IS 15570:2005/ISO 14362-1,3:2017/ISO 17234-1:2020/ISO 17234-2:2011/ GB-T 17592
493.	Synthetic and Natural Textile material, prints for textile & other Footwear components	Banned Azo- colourants : 2,4- dimethylaniline	IS 15570:2005/ISO 14362-1,3:2017/ISO 17234-1:2020/ISO 17234-2:2011/ GB-T 17592
494.	Synthetic and Natural Textile material, prints for textile & other Footwear components	Banned Azo- colourants : 2,6- dimethylaniline	IS 15570:2005/ISO 14362-1,3:2017/ISO 17234-1:2020/ISO 17234-2:2011/ GB-T 17592

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile		
495.	Synthetic and Natural Textile material, prints for textile & other Footwear components	Dimethyl fumarate (DMFU)	IS 16991:2018/EC No 1907/2006
496.	Synthetic and Natural Textile material, prints for textile & other Footwear components	Nonyl Phenole (NP)	ISO 18254, P-1 / ISO 18218,P-1:2015
497.	Synthetic and Natural Textile material, prints for textile & other Footwear components	Octyl Phenole (OP)	ISO 18254,P-1 / ISO 18218,P-1:2015
498.	Synthetic and Natural Textile material, prints for textile & other Footwear components	Nonyl Phenolethoxylate s (NPEO)	ISO 18254,P-1 / ISO 18218,P-1:2015
499.	Synthetic and Natural Textile material, prints for textile & other Footwear components	Nonyl Phenolethoxylate (OPEO)	ISO 18254,P-1 / ISO 18218,P-1:2015
500.	Synthetic and Natural Textile material, prints for textile & other Footwear components	Free and releasable formaldehyde	IS 14563 (Part 1):2021
501.	Synthetic and Natural Textile material, prints for textile & other Footwear components	Organotin compounds: Dibutyltin	IS 16981:2018/EC No 1907/2006

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile		
502.	Synthetic and Natural Textile material, prints for textile & other Footwear components	Organotin compounds: Dibutyltin dichloride	IS 16981:2018/EC No 1907/2006
503.	Synthetic and Natural Textile material, prints for textile & other Footwear components	Organotin compounds: Dioctyltin	IS 16981:2018/EC No 1907/2006
504.	Synthetic and Natural Textile material, prints for textile & other Footwear components	Organotin compounds: Monobutyltin	IS 16981:2018/EC No 1907/2006
505.	Synthetic and Natural Textile material, prints for textile & other Footwear components	Organotin compounds: Tributyltin	IS 16981:2018/EC No 1907/2006
506.	Synthetic and Natural Textile material, prints for textile & other Footwear components	Organotin compounds: Triphenyltin	IS 16981:2018/EC No 1907/2006
507.	Synthetic and Natural Textile material, prints for textile & other Footwear components	Organotin compounds: Monoctyltin	IS 16981:2018/EC No 1907/2006
508.	Synthetic and Natural Textile material, prints for textile & other Footwear components	Organotin compounds: Bis(tributyltin)oxi de	IS 16981:2018/EC No 1907/2006
509.	Synthetic and Natural	pH	IS 1390:2022

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile		
	Textile material, prints for textile & other Footwear components		
510.	Synthetic and Natural Textile material, prints for textile & other Footwear components	Phthalates:Diison onyl Phthalate	IS 16915:2018 / ISO 14389:2014/16 CFR 1307/16 CFR 1252/CPSC- CH- C1001-09.4
511.	Synthetic and Natural Textile material, prints for textile & other Footwear components	Phthalates:Diisod ecyl Phthalate	IS 16915:2018 / ISO 14389:2014/16 CFR 1307/16 CFR 1252/CPSC- CH- C1001-09.4
512.	Synthetic and Natural Textile material, prints for textile & other Footwear components	Phthalates:Bis-2- ethyl hexyl Phthalate	IS 16915:2018 / ISO 14389:2014/16 CFR 1307/16 CFR 1252/CPSC- CH- C1001-09.4
513.	Synthetic and Natural Textile material, prints for textile & other Footwear components	Phthalates:Di-n- octyl phthalate Phthalate	IS 16915:2018 / ISO 14389:2014/16 CFR 1307/16 CFR 1252/CPSC- CH- C1001-09.4
514.	Synthetic and Natural Textile material, prints for textile & other Footwear components	Phthalates:Butyl benzyl Phthalate	IS 16915:2018 / ISO 14389:2014/16 CFR 1307/16 CFR 1252/CPSC- CH- C1001-09.4

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Chemical Testing

Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile		
515.	Synthetic and Natural Textile material, prints for textile & other Footwear components	Phthalates:Dibutyl Phthalate	IS 16915:2018 / ISO 14389:2014/16 CFR 1307/16 CFR 1252/CPSC-CH-C1001-09.4
516.	Synthetic and Natural Textile material, prints for textile & other Footwear components	Allergenic disperse dyes :Disperse blue 3	IS 16914 (Part 2):2018/KS K 0736
517.	Synthetic and Natural Textile material, prints for textile & other Footwear components	Allergenic disperse dyes :Disperse blue 7	IS 16914 (Part 2):2018/KS K 0736
518.	Synthetic and Natural Textile material, prints for textile & other Footwear components	Allergenic disperse dyes :Disperse blue 26	IS 16914 (Part 2):2018/KS K 0736
519.	Synthetic and Natural Textile material, prints for textile & other Footwear components	Allergenic disperse dyes :Disperse blue 102	IS 16914 (Part 2):2018/KS K 0736
520.	Synthetic and Natural Textile material, prints for textile & other Footwear components	Allergenic disperse dyes :Disperse brown 1	IS 16914 (Part 2):2018/KS K 0736

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Chemical Testing

Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile		
521.	Synthetic and Natural Textile material, prints for textile & other Footwear components	Allergenic disperse dyes :Disperse yellow 1	IS 16914 (Part 2):2018/KS K 0736
522.	Synthetic and Natural Textile material, prints for textile & other Footwear components	Allergenic disperse dyes :Disperse yellow 9	IS 16914 (Part 2):2018/KS K 0736
523.	Synthetic and Natural Textile material, prints for textile & other Footwear components	Allergenic disperse dyes :Disperse yellow 39	IS 16914 (Part 2):2018/KS K 0736
524.	Synthetic and Natural Textile material, prints for textile & other Footwear components	Allergenic disperse dyes :Disperse yellow 49	IS 16914 (Part 2):2018/KS K 0736
525.	Synthetic and Natural Textile material, prints for textile & other Footwear components	Allergenic disperse dyes : Disperse orange 1	IS 16914 (Part 2):2018/KS K 0736
526.	Synthetic and Natural Textile material, prints for textile & other Footwear components	Allergenic disperse dyes :Disperse red 11	IS 16914 (Part 2):2018/KS K 0736
527.	Synthetic and Natural Textile material, prints for textile & other Footwear components	Allergenic disperse dyes : Disperse red 17	IS 16914 (Part 2):2018/KS K 0736

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Chemical Testing

Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile		
528.	Synthetic and Natural Textile material, prints for textile & other Footwear components	Allergenic disperse dyes :Disperse yellow 7	IS 16914 (Part 2):2018/KS K 0736
529.	Synthetic and Natural Textile material, prints for textile & other Footwear components	Allergenic disperse dyes :Disperse yellow 56	IS 16914 (Part 2):2018/KS K 0736
530.	Synthetic and Natural Textile material, prints for textile & other Footwear components	Allergenic disperse dyes :Disperse red 151	IS 16914 (Part 2):2018/KS K 0736
531.	Synthetic and Natural Textile material, prints for textile & other Footwear components	Allergenic disperse dyes :Solvent red 23	IS 16914 (Part 2):2018/KS K 0736
532.	Synthetic and Natural Textile material, prints for textile & other Footwear components	Allergenic Carcinogenic Disperse dyes: Navy Blue	IS 16914 (Part 2):2018/KS K 0736
533.	Synthetic and Natural Textile material, prints for textile & other Footwear components	Allergenic Carcinogenic Disperse dyes: Disperse blue 1	IS 16914 (Part 2):2018/KS K 0736
534.	Synthetic and Natural Textile material, prints for textile & other Footwear components	Allergenic Carcinogenic Disperse dyes: Disperse blue 35	IS 16914 (Part 2):2018/KS K 0736

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile		
535.	Synthetic and Natural Textile material, prints for textile & other Footwear components	Allergenic Carcinogenic Disperse dyes: Disperse blue 106	IS 16914 (Part 2):2018/KS K 0736
536.	Synthetic and Natural Textile material, prints for textile & other Footwear components	Allergenic Carcinogenic Disperse dyes: Disperse blue 124	IS 16914 (Part 2):2018/KS K 0736
537.	Synthetic and Natural Textile material, prints for textile & other Footwear components	Allergenic Carcinogenic Disperse dyes: Disperse yellow 3	IS 16914 (Part 2):2018/KS K 0736
538.	Synthetic and Natural Textile material, prints for textile & other Footwear components	Allergenic Carcinogenic Disperse dyes: Disperse orange 3	IS 16914 (Part 2):2018/KS K 0736
539.	Synthetic and Natural Textile material, prints for textile & other Footwear components	Allergenic Carcinogenic Disperse dyes: Disperse orange 37/59/76a)	IS 16914 (Part 2):2018/KS K 0736
540.	Synthetic and Natural Textile material, prints for textile & other Footwear components	Allergenic Carcinogenic Disperse dyes: Disperse red 1	IS 16914 (Part 2):2018/KS K 0736
541.	Polyester Partially Oriented Yarn	Identification and Description-Microscopic test	IS 17261:2022, IS 667
542.	Polyester Partially Oriented Yarn	Melting Point	IS 17261:2022, IS 16481

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Chemical Testing

Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile		
543.	Polyester Partially Oriented Yarn	No. of filaments	IS 17261:2022, Visual inspection under microscope
544.	Polyester Partially Oriented Yarn	Moisture regain, Max at equilibrium condition	IS 17261:2022, IS 17261: 2022
545.	Polyester Partially Oriented Yarn	Isophthalic acid (IPA) content	IS 17261:2022, IS 16481:2022
546.	Polyester Partially Oriented Yarn	Water soluble matter	IS 17261:2022, IS 3456:2022
547.	Polyester Partially Oriented Yarn	Finish oil pickup	IS 17261:2022, IS 17261: 2022
548.	Polyester Partially Oriented Yarn	Phosphorus content,	IS 17261:2022, IS 17261: 2022
549.	Polyester Partially Oriented Yarn	Anti-microbial activity value	IS 17261:2022, IS/ISO 20743
550.	Polyester Partially Oriented Yarn	Lustre/ Brightness	IS 17261:2022, IS 17261:2022
551.	Polyester Partially Oriented Yarn	Identification and Description-Microscopic test	IS 17262: 2022, IS 667
552.	Polyester Partially Oriented Yarn	Melting Point	IS 17262: 2022, IS 16481
553.	Polyester Partially Oriented Yarn	No. of filaments	IS 17262: 2022, Visual inspection under microscope
554.	Polyester Partially Oriented Yarn	Moisture regain	IS 17262: 2022
555.	Polyester Partially Oriented Yarn	Isophthalic acid (IPA) content	IS 17262: 2022, IS 16481:2022
556.	Polyester Partially Oriented Yarn	Water soluble matter	IS 17262: 2022, IS 3456:2022

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile		
557.	Polyester Partially Oriented Yarn	Finish oil pickup	IS 17262: 2022
558.	Polyester Partially Oriented Yarn	Phosphorus content	IS 17262: 2022
559.	Polyester Partially Oriented Yarn	Anti-microbial activity value	IS 17262: 2022, IS/ISO 20743
560.	Polyester Partially Oriented Yarn	Lustre/ Brightness	IS 17262: 2022
561.	Polyester Industrial Yarn	Identification and Description- Microscopic test	IS 17263: 2022, IS 667
562.	Polyester Industrial Yarn	Melting Point	IS 17263: 2022, IS 16481
563.	Polyester Industrial Yarn	Moisture regain	IS 17263: 2022
564.	Polyester Industrial Yarn	Isophthalic acid (IPA) content	IS 17263: 2022, IS 16481:2022
565.	Polyester Industrial Yarn	Water soluble matter	IS 17263: 2022, IS 3456:2022
566.	Polyester Industrial Yarn	Finish oil pickup	IS 17263: 2022
567.	Polyester Industrial Yarn	Phosphorus content	IS 17263: 2022
568.	Polyester Industrial Yarn	Anti-microbial activity value	IS 17263: 2022, IS/ISO 20743
569.	Polyester Industrial Yarn	Lustre/ Brightness	IS 17263: 2022
570.	Polyester Industrial Yarn	Hollowness	IS 17263: 2022
571.	Polyester Industrial Yarn	Silicon content	IS 17263: 2022
572.	Polyester Industrial Yarn	Identification and	IS 17264: 2022, IS 667

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile		
		Description- Microscopic test	
573.	Polyester Industrial Yarn	Melting Point	IS 17264: 2022, IS 16481
574.	Polyester Industrial Yarn	Moisture regain	IS 17264: 2022
575.	Polyester Industrial Yarn	Isophthalic acid (IPA) content	IS 17264: 2022, IS 16481:2022
576.	Polyester Industrial Yarn	Water soluble matter	IS 17264: 2022, IS 3456:2022
577.	Polyester Industrial Yarn	Finish oil pickup	IS 17264: 2022
578.	Polyester Industrial Yarn	Phosphorus content,	IS 17264: 2022
579.	Polyester Industrial Yarn	Anti-microbial activity value	IS 17264: 2022, IS/ISO 20743
580.	100 Percent Polyester Spun Grey and White Yarns	Identification and Description- Microscopic test	IS 17265: 2023, IS 667
581.	100 Percent Polyester Spun Grey and White Yarns	Melting Point	IS 17265: 2023, IS 16481
582.	100 Percent Polyester Spun Grey and White Yarns	Moisture regain	IS 17265: 2023
583.	100 Percent Polyester Spun Grey and White Yarns	Isophthalic acid (IPA) content	IS 17265: 2023, IS 16481:2022
584.	100 Percent Polyester Spun Grey and White Yarns	Water soluble matter	IS 17265: 2023, IS 3456:2022

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Chemical Testing

Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile		
585.	100 Percent Polyester Spun Grey and White Yarns	Phosphorus content,	IS 17265: 2023
586.	100 Percent Polyester Spun Grey and White Yarns	Anti-microbial activity value	IS 17265: 2023, IS/ISO 20743
587.	Viscose Staple Fibres	Identification and Description- Microscopic test	IS 17266: 2019, IS 667
588.	Viscose Staple Fibres	Moisture	IS 17266: 2019
589.	Viscose Staple Fibres	Oil pickup	IS 17266: 2019, IS 3456:2022
590.	Viscose Staple Fibres	pH	IS 17266: 2019, IS 1390
591.	Water Proof Multipurpose Rain Poncho with Convertibility as Bivouac (Requirements of 25 ± 1 mm Wide Polyamide Tape)	Nature of fibre/filament	IS 17286: 2019, IS 667
592.	Water Proof Multipurpose Rain Poncho with Convertibility as Bivouac (Requirements of 25 ± 1 mm Wide Polyamide Tape)	pH value of aqueous extract	IS 17286: 2019, IS 1390
593.	Water Proof Multipurpose Rain Poncho with	Nature of fibre/filament	IS 17286: 2019, IS 667

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Chemical Testing

Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile		
	Convertibility as Bivouac (Requirements of 25 ± 1 mm Wide Polyamide Tape)		
594.	Water Proof Multipurpose Rain Poncho with Convertibility as Bivouac (Requirements of 25 ± 1 mm Wide Polyamide Tape)	pH value of aqueous extract	IS 17286: 2019, IS 1390
595.	Water Proof Multipurpose Rain Poncho with Convertibility as Bivouac (Requirements of 25 ± 1 mm Wide Polyamide Tape)	Nature of fibre/filament	IS 17286: 2019, IS 667
596.	Cotton Bales	Moisture	IS 12171: 2024, IS 199
597.	Open Weave Coir Bhoovastra	pH	IS 15869: 2020, IS 8391
598.	Geotextiles Used In Subgrade Stabilization In Pavement Structures	Dissolution test	IS 16362: 2020, IS 667
599.	Geo-Textiles Used As Protection (Or Cushioning) Materials	Identification	IS 16090: 2013, IS 667
600.	Medical Textiles- Bedsheet And Pillow Cover	pH	IS 17630: 2021, IS 1390

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile		
601.	Medical Textiles- Bedsheet And Pillow Cover	Water soluble substance	IS 17630: 2021, IS 14944
602.	Medical Textiles- Bedsheet And Pillow Cover	Cleanliness—microbial	IS 17630: 2021, ISO 11737-1
603.	Medical Textiles- Bedsheet And Pillow Cover	Particle release	IS 17630: 2021, IS 15891 (Part 10)
604.	Continuous Filament Polyamide (Nylon 6) Yarn — Specification	Identification and Description	IS 7867: 2024, IS 667
605.		Melting Point	IS 7867: 2024
606.		No. of filaments	IS 7867: 2024, Visual inspection under microscope
607.		Lustre, titanium dioxide content	IS 7867: 2024, IS 17261
608.		Moisture regain	IS 7867: 2024, IS 17261
609.		Water soluble matter	IS 7867 : 2024, IS 3456:2022
610.		Anti-microbial activity value	IS 7867 : 2024, IS/ISO 20743
611.	Nonwoven Fabric for Wipes	Identification and Description	IS 17788 : 2021 , IS 667
612.	Nonwoven Fabric for Wipes	pH	IS 17788 : 2021 , IS 1390
613.	Bedsheets, Pillow Cover and Blanket Cover	Fabric (Fibre)Content- Polyester Content	IS 18739 : 2024 , IS 667 and IS 3416

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Chemical Testing

Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile		
614.	Bedsheets, Pillow Cover and Blanket Cover	Fabric (Fibre)Content- Cotten Content	IS 18739 : 2024 , IS 667 and IS 3416
615.	Bedsheets, Pillow Cover and Blanket Cover	Antimicrobial Activity	IS 18739 : 2024 , ISO 20743
616.	Bedsheets, Pillow Cover and Blanket Cover	pH Value	IS 18739: 2024 , IS 1390
617.	Textile Fabric & garment, Textile Products & Accessories	Moisture regain	AATCC TM199-2013e (2018) / ASTM D2654-22
618.	Textile Fabric & garment, Textile Products & Accessories	Water soluble matter	ISO 787-8 2001-09
619.	Textile Fabric & garment, Textile Products & Accessories	Phosphorus content,	ISO 17881-2:2016 /
620.	Textile Fabric & garment, Textile Products & Accessories	Anti-microbial activity value	ISO 20645:200/ ATCC 65384
621.	Textile Fabric & garment, Textile Products	Moisture	ISO 17617:2014
622.	Textile Fabric & garment, Textile Products	Cleanliness– microbial	ISO 11737-1
623.	Textile Fabric & garment, Textile Products	Particle release	ISO 9073-10:2003
624.	Furniture- Bunk Beds - 17636	Colour fastness to water	IS-17636 (Clause-6.2); IS-17637 Table-4 : (viii); IS 6191 (Part 2)

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Chemical Testing

Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile		
625.	Furniture- Work chair -17631	Colour fastness to artificial light	IS-17631 (Clause-6.2); IS-17637 Table-4 : (iv); I S/ISO 105 B02
626.	Furniture- Work chair -17631	Colour fastness to rubbing	IS-17631 (Clause-6.2); IS-17637 Table-4 : (v); IS 6191 (Part 4)
627.	Furniture- Work chair -17631	Colour fastness to water spotting	IS-17631 (Clause-6.2); IS-17637 Table-4 : (vi); IS 6191 (Part 1)
628.	Furniture- Work chair -17631	Colour fastness to water	IS-17631 (Clause-6.2); IS-17637 Table-4 : (viii); IS 6191 (Part 2)
629.	General Purpose Chairs and Stools-17632	Colour fastness to light	IS-17632 (Clause-6.2); IS-17637 Table-3 : (iv); IS/ISO 105-B02
630.	General Purpose Chairs and Stools-17632	Colour fastness to rubbing	IS-17632 (Clause-6.2); IS-17637 Table-3 : (v); IS/ISO 105-X12
631.	General Purpose Chairs and Stools-17632	Colour fastness to perspiration	IS-17632 (Clause-6.2); IS-17637 Table-3 : (vi); IS/ISO 105-E04
632.	General Purpose Chairs and Stools-17632	Colour fastness to water,	IS-17632 (Clause-6.2); IS-17637 Table-3 : (vii); IS/ISO 105-E01
633.	General Purpose Chairs and Stools-17632	Colour fastness to artificial light	IS-17632 (Clause-6.2); IS-17637 Table-4 : (iv); IS/ISO 105 B02
634.	General Purpose Chairs and Stools-17632	Colour fastness to rubbing	IS-17632 (Clause-6.2); IS-17637 Table-4 : (v); IS 6191 (Part 4)

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile		
635.	General Purpose Chairs and Stools-17632	Colour fastness to water spotting	IS-17632 (Clause-6.2); IS-17637 Table-4 : (vi); IS 6191 (Part 1)
636.	General Purpose Chairs and Stools-17632	Colour fastness to water	IS-17632 (Clause-6.2); IS-17637 Table-4 : (viii); IS 6191 (Part 2)
637.	Furniture-Storage Units - 17634	Colour fastness to light	IS-17634 (Clause-6.2); IS-17637 Table-3 : (iv); IS/ISO 105-B02
638.	Furniture-Storage Units - 17634	Colour fastness to rubbing	IS-17634 (Clause-6.2); IS-17637 Table-3 : (v); IS/ISO 105-X12
639.	Furniture-Storage Units - 17634	Colour fastness to perspiration	IS-17634 (Clause-6.2); IS-17637 Table-3 : (vi); IS/ISO 105-E04
640.	Furniture-Storage Units - 17634	Colour fastness to water,	IS-17634 (Clause-6.2); IS-17637 Table-3 : (vii); IS/ISO 105-E01
641.	Furniture-Storage Units - 17634	Colour fastness to artificial light	IS-17634 (Clause-6.2); IS-17637 Table-4 : (iv); IS/ISO 105 B02
642.	Furniture-Storage Units - 17634	Colour fastness to rubbing	IS-17634 (Clause-6.2); IS-17637 Table-4 : (v); IS 6191 (Part 4)
643.	Furniture-Storage Units - 17634	Colour fastness to water spotting	IS-17634 (Clause-6.2); IS-17637 Table-4 : (vi); IS 6191 (Part 1)
644.	Furniture-Storage Units - 17634	Colour fastness to water	IS-17634 (Clause-6.2); IS-17637 Table-4 : (viii); IS 6191 (Part 2)

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Chemical Testing

Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile		
645.	Furniture- Beds - 17635	Colour fastness to light	IS-17635 (Clause-6.2); IS-17637 Table-3 : (iv); IS/ISO 105-B02
646.	General Purpose Chairs and Stools-17632	Colour fastness to rubbing	IS-17632 (Clause-6.2); IS-17637 Table-4 : (v); IS 6191 (Part 4)
647.	Furniture- Beds - 17635	Colour fastness to rubbing	IS-17635 (Clause-6.2); IS-17637 Table-3 : (v); IS/ISO 105-X12
648.	Furniture- Beds - 17635	Colour fastness to perspiration	IS-17635 (Clause-6.2); IS-17637 Table-3 : (vi); IS/ISO 105-E04
649.	Furniture- Beds - 17635	Colour fastness to water,	IS-17635 (Clause-6.2); IS-17637 Table-3 : (vii); IS/ISO 105-E01
650.	Furniture- Beds - 17635	Colour fastness to artificial light	IS-17635 (Clause-6.2); IS-17637 Table-4 : (iv); IS/ISO 105 B02
651.	Furniture- Beds - 17635	Colour fastness to rubbing	IS-17635 (Clause-6.2); IS-17637 Table-4 : (v); IS 6191 (Part 4)
652.	Furniture- Beds - 17635	Colour fastness to water spotting	IS-17635 (Clause-6.2); IS-17637 Table-4 : (vi); IS 6191 (Part 1)
653.	Furniture- Beds - 17635	Colour fastness to water	IS-17635 (Clause-6.2); IS-17637 Table-4 : (viii); IS 6191 (Part 2)
654.	Furniture- Bunk Beds - 17636	Colour fastness to light	IS-17636 (Clause-6.2); IS-17637 Table-3 : (iv); IS/ISO 105-B02

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Chemical Testing

Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile		
655.	Furniture- Bunk Beds - 17636	Colour fastness to rubbing	IS-17636 (Clause-6.2); IS-17637 Table-3 : (v); IS/ISO 105-X12
656.	Furniture- Bunk Beds - 17636	Colour fastness to perspiration	IS-17636 (Clause-6.2); IS-17637 Table-3 : (vi); IS/ISO 105-E04
657.	Furniture- Bunk Beds - 17636	Colour fastness to water,	IS-17636 (Clause-6.2); IS-17637 Table-3 : (vii); IS/ISO 105-E01
658.	Furniture- Bunk Beds - 17636	Colour fastness to artificial light	IS-17636 (Clause-6.2); IS-17637 Table-4 : (iv); IS/ISO 105 B02
659.	Furniture- Bunk Beds - 17636	Colour fastness to rubbing	IS-17636 (Clause-6.2); IS-17637 Table-4 : (v); IS 6191 (Part 4)
660.	Furniture- Bunk Beds - 17636	Colour fastness to water spotting	IS-17636 (Clause-6.2); IS-17637 Table-4 : (vi); IS 6191 (Part 1)

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather		
1.	Leather, Coated leather, Leather fibreboard, leather products & footwear components	Chromium (VI)	IS 16259:2014
2.		Banned Azo- colourants : 4-aminobiphenyl	IS 582 (part-5) Sec 1: 2024
3.		Banned Azo- colourants : Benzidine	IS 582 (part-5)Sec 1: 2024
4.		Banned Azo- colourants : 4- chloro-o-toluidine	IS 582 (part-5)Sec 1: 2024
5.		Banned Azo- colourants : 2-naphthylamine	IS 582 (part-5)Sec 1: 2024
6.		Banned Azo- colourants : 4- chloro-aniline	IS 582 (part-5)Sec 1: 2024
7.		Banned Azo- colourants : 2,4-diaminoanisole	IS 582 (part-5)Sec 1: 2024
8.		Banned Azo-colourants : 4,4'-diaminodiphenyl methane	IS 582 (part-5)Sec 1: 2024
9.		Banned Azo- colourants : 3,3'-dichlorobenzidine	IS 582 (part-5)Sec 1: 2024
10.		Banned Azo-colourants : 3,3'-dimethoxybenzidine	IS 582 (part-5)Sec 1: 2024
11.		Banned Azo-colourants : 3,3'-dimethylbenzidine	IS 582 (part-5)Sec 1: 2024

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather		
12.	Leather, Coated leather, Leather fibreboard, leather products & footwear components	Banned Azo-colourants : 3,3- dimethyl,4,4'- diaminodiphenyl methane	IS 582 (part-5)Sec 1: 2024
13.		Banned Azo- colourants : p- cresidine	IS 582 (part-5)Sec 1: 2024
14.		Banned Azo-colourants : 4,4' methylene-bis (2- chloroaniline)	IS 582 (part-5)Sec 1: 2024
15.		Banned Azo- colourants : 4,4'- oxydianiline	IS 582 (part-5)Sec 1: 2024
16.		Banned Azo- colourants : 4,4'- thiodianiline	IS 582 (part-5)Sec 1: 2024
17.		Banned Azo- colourants : o- toluidine	IS 582 (part-5)Sec 1: 2024
18.		Banned Azo- colourants : 2,4- toluenediamine	IS 582 (part-5)Sec 1: 2024
19.		Banned Azo-colourants : 2,4,5- trimethylaniline	IS 582 (part-5)Sec 1: 2024
20.		Banned Azo- colourants : o- aminoazotoluene	IS 582 (part-5)Sec 1: 2024
21.		Banned Azo-colourants : 2- amino-4- nitrotoluene	IS 582 (part-5)Sec 1: 2024
22.		Banned Azo-colourants : p- aminoazobenzen e	IS 582 (part-5) Sec 1: 2024

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather		
23.	Leather, Coated leather, Leather fibreboard, leather products & footwear components	Banned Azo- colourants : o- anisidine	IS 582 (part-5) Sec 1: 2024
24.		Banned Azo- colourants : 2,4- dimethylaniline	IS 582 (part-5) Sec 1: 2024
25.		Banned Azo- colourants : 2,6- dimethylaniline	S 582 (part-5) Sec 1: 2024
26.		Dimethyl fumarate (DMFU)	IS 16991:2018
27.		Formaldehyde (free or released by partial hydrolysis)	IS 16297 (Part 1) :2012
28.		Organotin compounds: Dibutyltin	IS 16981:2018/EC No 1907/2006
29.		Organotin compounds: Dibutyltin dichloride	IS 16981:2018/EC No 1907/2006
30.		Organotin compounds: Dioctyltin	IS 16981:2018/EC No 1907/2006
31.		Organotin compounds: Monobutyltin	IS 16981:2018/EC No 1907/2006
32.		Organotin compounds: Tributyltin	IS 16981:2018/EC No 1907/2006
33.		Organotin compounds: Triphenyltin	IS 16981:2018/EC No 1907/2006
34.		Organotin compounds: Monoctyltin	IS 16981:2018/EC No 1907/2006

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather		
35.	Leather, Coated leather, Leather fibreboard, leather products & footwear components	Organotin compounds: Bis(tributyltin)oxide	IS 16981:2018/EC No 1907/2006
36.		PCP-TeCP-TriCP polychlorophenol s	IS 14575:2024/Annex B of IS 15651:2006/ISO 17070/ 64 LGFGB B82.02.8
37.		pH	IS 16258:2015
38.		Phthalates: Diison onyl Phthalate	IS 16915:2018/ISO 4389:2014/16 CFR 1307/16 CFR 1252/CPSC- CH- C1001-09.4
39.		Phthalates: Diisod ecyl Phthalate	IS 16915:2018/ISO 4389:2014/16 CFR 1307/16 CFR 1252/CPSC- CH- C1001-09.4
40.		Phthalates:Bis-2- ethyl hexyl Phthalate	IS 16915:2018/ISO 4389:2014/16 CFR 1307/16 CFR 1252/CPSC- CH- C1001-09.4
41.		Phthalates: Di-n- octyl phthalate Phthalate	IS 16915:2018/ISO 4389:2014/16 CFR 1307/16 CFR 1252/CPSC- CH- C1001-09.4
42.	Leather, Coated leather, Leather fibreboard, leather	Phthalates: Butyl benzyl Phthalate	IS 16915:2018/ISO 4389:2014/16 CFR 1307/16 CFR 1252/CPSC- CH- C1001-09.4

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather		
43.	products & footwear components	Phthalates: Dibutyl Phthalate	IS 16915:2018/ISO 4389:2014/16 CFR 1307/16 CFR 1252/CPSC- CH-C1001-09.4
44.		Nickel, on skin contact	EN 1811
45.		Nickel, on skin contact	EN 12472
46.	High Ankle Tactical Boots with PU-Rubber Sole	Colour fastness to rubbing (Dry & Wet)	IS:17012: 2023 CI-4.7.2 Ref-IS-3840:2017 CI-5.4 IS 6191-L.F-9
47.	High Ankle Tactical Boots with PU-Rubber Sole	Colour fastness to perspiration	IS:17012: 2023 CI-4.7.2 Ref-IS-3840:2017 CI-5.4-Annex-A
48.	All Rubber Gum Boots and Ankle Boots safety and protective	Corrosion resistance of toe cap	IS:5557 PART-1 2024 CI-8.18 Ref-IS-15298 Part-1 :2024
49.	Leather safety boots and shoes	Colour fastness to rubbing (Dry & Wet)	IS:1989(P-1): 2021 CI-8.1 Ref-IS-578:1985 , IS 6191-L.F-9
50.	Leather safety boots and shoes	Colour fastness to perspiration	IS:1989(P-1): 2021, CI-8.2 Ref-IS-3840:2017 CI-5.4-Annex-A
51.	Leather safety boots and shoes (for heavy metal industries) (for heavy metal industries)	Colour fastness to rubbing (Dry & Wet)	IS:1989(P-2): 2021 CI-8.1 Ref-IS-578:1985 IS 6191-L.F-9
52.		Colour fastness to rubbing (Dry & Wet)	IS:1989(P-2): 2021 CI-8.2 Ref-IS-3840:2017 CI-5.4

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather		
			IS 6191-L.F-9
53.		Colour fastness to perspiration	IS:1989(P-2): 2021 CI-8.2 Ref-IS-3840:2017 CI-5.4-Annex-A
54.	Leather Safety and Protective Footwear with Direct moulded	Corrosion resistance	Clause 6.5.8 of IS:14544:2022 Refer IS 17098
55.	Polymeric sole	Colour fastness to Water	Clause 6.15.2 IS:14544: 2022 IS/ISO 105-E01:2013
56.	Sports Footwear- General Purpose	Colour Fastness to Rubbing (Dry & Wet)	CL.- 4.4 Of IS 15844- 2023 (Part 1) Amd.1-2024 Refer IS 6191 (Part 4)
57.		Colour Fastness to Light	CL.- 4.4 Of IS 15844- 2023 (Part1) Amd.1-2024 Refer IS/ISO 105 B02:2014
58.		Colour Fastness to Rubbing (Dry & Wet)	CL.- 4.5 Of IS 15844- 2023 (Part 1) Amd.1-2024 Refer IS/ISO 105- X12:2016
59.		Colour Fastness To Perspiration	CL.- 4.5 Of IS 15844- 2023 (Part 1) Amd.1-2024 Refer IS 6191 (Part 6)
60.	Sports Footwear- General Purpose	Colour Fastness to Water	CL.- 4.13 Of IS 15844- 2023 (Part 1) Amd.1-2024 Refer IS 6191 (Part 2)
61.	Sports Footwear- General Purpose	Corrosion Resistance (Metal Parts)	CL.- 4.13 Of IS 15844- 2023 (Part 1) Amd.1-2024 Refer IS 17098

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather		
62.	Sports Footwear- Performance Sports Footwear	Washability	Clause-7.1.7 Of IS 15844-2023 (Part 2) Amd.1-2024 Refer IS 8085 (Part 15)/ ISO 19954
63.		Colour Fastness to Rubbing (Dry & Wet)	Clause-7.2 Of IS 15844-2023 (Part 2) Amd.1-2024 Refer IS 6191 Part 4)
64.		Colour Fastness to Light	Clause-7.2 Of IS 15844-2023 (Part 2) Amd.1-2024 Refer IS/ISO 105-B02:2014
65.		Colour Fastness to Rubbing (Dry & Wet)	Clause-7.3 Of IS 15844-2023 (Part 2) Amd.1-2024 Refer IS/ISO 105-X12:2016
66.		Colour Fastness To Perspiration	Clause-7.3 Of IS 15844-2023 (Part 2) Amd.1-2024 Refer IS 6191 Part 6)
67.	Sports Footwear- Performance Sports Footwear	Colour Fastness To Water	Clause-7.11 Of IS 15844-2023 (Part 2) Amd.1-2024 Refer IS 6191 (Part 2)
68.	Sports Footwear- Performance Sports Footwear	Corrosion Resistance (Metal Parts)	Clause-7.11 Of IS 15844-2023 (Part 2) Amd.1-2024 Refer IS 17098

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather		
69.	Leather safety footwear Having direct moulded rubber sole	Colour Fastness to Rubbing (Dry & Wet)	IS: 11226:2018 Clause -5.2.1.1 Ref- IS-5677:1986; IS 6191-LF:10
70.	Shoes for General Purpose	Colour Fastness to Rubbing (Dry & Wet)	Table 2 IS-17043-2 : 2024 (clause 6.1.1) Ref. ISO 11640 :2012
71.	Shoes for General Purpose	Colour fastness to water	Table 2 IS-17043-2 : 2024(closure 6.1.1) Ref. ISO 11642:2012
72.	Shoes for General Purpose	Colour fastness to Light	Table 3 IS-17043-2 : 2024(closure 6.1.2) Ref.IS/ISO 105 B02:2014
73.	Shoes for General Purpose	Colour Fastness to Rubbing Dry & Wet	Table 6 IS-17043-2 : 2024(closure 6.2) Ref. IS/ISO 105 X12 : 2016
74.	Shoes for General Purpose	Colour fastness to perspiration	Table 6 IS-17043-2 : 2024 (closure 6.2) Ref. IS 6191 (Part 6)
75.	Shoes for General Purpose	Colour fastness to water	Table 17 IS-17043-2 : 2024 (Closure 6.10) Ref. IS 6191 (Part 2) :2017
76.	Shoes for General Purpose	Corrosion Resistance	Table 17 IS-17043-2 : 2024 (Closure 6.10) Ref. IS 17098:2019
77.	Personal Protective Equipment-safety	Corrosion Resistance	IS 15298-2: 2024 (Clause-5.3.2.4)

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather		
78.	Professional Sports Footwear	Colour fastness to Light	IS 15844 (part-3):2024 CL:7.2 Ref –IS/ISO-105-B02:2014
79.	Professional Sports Footwear	Colour Fastness to Rubbing (Dry & Wet)	IS 15844 (part-3):2024 CL:7.3 Ref –IS/ISO-105 X12:2016
80.	Professional Sports Footwear	Colour fastness to perspiration	IS 15844 (part-3):2024 CL:7.3 Ref –ISO-11641/ IS 6191 part-6:2023
81.	Professional Sports Footwear	Colour fastness to water	IS 15844 (part-3):2024 CL:7.11 Ref – IS-6191 part-2
82.	Professional Sports Footwear	Corrosion Resistance (Metal parts)	IS 15844 (part-3):2024 CL:7.11 Ref -IS 17098:2019
83.	Professional Sports Footwear	Corrosion Resistance	IS 15844 (part-3):2024 CL:7.11 Ref -IS 17098:2019
84.	Canvas Shoes, Rubber Sole	Colour fastness to light	IS 3735:2021 CI-4.1.1.1 , CI-4.1.2.1 ,Ref- IS/ISO-105-B02:2014
85.	Canvas Boots, Rubber Sole	Colour fastness to washing	IS 3735:2021 CI-4.1.1.2 Ref-IS/ISO-105-C10:2006
86.	Canvas Boots, Rubber Sole	Colour fastness to light	IS 3735:2021 CI-4.1.3.2 Ref-IS-2454:1985 Superseded by : IS/ISO-105-B02:2014
87.	Canvas Boots, Rubber Sole	Colour fastness to washing	IS 3735:2021 CI-4.1.3.2 Ref-IS-765:1979 Superseded by : IS/ISO 105-C10 : 2006

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather		
88.	Canvas Boots, Rubber Sole	Colour fastness to Perspiration	IS 3735:2021 Cl-4.1.3.2 Ref-IS-971:2013 Superseded by : IS/ISO 105 E04 : 2008
89.	Canvas Boots, Rubber Sole	Colour fastness to light	IS 3736:2021 Cl-4.1.2.1 Ref-IS/ISO-105-B02:2014
90.	Canvas Boots, Rubber Sole	Colour fastness washing	IS 3736:2021 Cl-4.1.1.2 Ref-IS/ISO-105-C10:2006
91.	Canvas Boots, Rubber Sole	Colour fastness light	IS 3736:2021 Cl-4.1.3.1 Ref-IS/ISO-105-B02:2014
92.	Canvas Boots, Rubber Sole	Colour fastness washing	IS 3736:2021 Cl-4.1.3.2 Ref-IS/ISO-105-C10:2006
93.	Canvas Boots, Rubber Sole	Colour fastness light	IS 3736:2021 Cl-4.1.5.2 Ref-IS-2454:1985 Superseded by: IS/ISO-105-B02:2014
94.	Canvas Boots, Rubber Sole	Colour fastness washing	IS 3736:2021 Cl-4.1.5.2 Ref-IS-765:1969 Superseded by : IS/ISO 105-C10 : 2006
95.	Canvas Boots, Rubber Sole	Colour fastness Perspiration	IS 3736:2021 Cl-4.1.5.2 Ref-IS-971:1983 Superseded by : IS/ISO 105 E04 : 2008
96.	Canvas Boots, Rubber Sole	Colour fastness light	IS 3736:2021 Cl-4.1.6.2 Ref-

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Leather		
			IS-2454:1985 Superseded by : IS/ISO-105-B02:2014
97.	Canvas Boots, Rubber Sole	Colour fastness washing	IS 3736:2021 Cl-4.1.6.3 Ref-IS-765:1983 Superseded by : IS/ISO 105-C10 : 2006
98.	Textile Boots With Polymeric Sole (Jungle Boots)	Colour fastness to light	Clause 5.7.4 of IS 17861:2022 refer IS/ISO 105-B02:2014
99.		Colour Fastness to washing	Clause 5.7.4 of IS 17861:2022 refer IS/ISO 105-C10:2006
100.		Colour fastness to light	Clause 5.10.2 of IS 17861:2022 Refer IS/ISO 105-B02:2014
101.		Colour Fastness to washing	Clause 5.10.2 of IS 17861:2022 Refer IS/ISO 105-C10:2006
102.	Textile Boots With Polymeric Sole (Jungle Boots)	Colour fastness to light	Clause 5.11.2 of IS 17861:2022 Refer IS/ISO 105-B02:2014
103.		Colour Fastness to washing	Clause 5.11.2 of IS 17861:2022 Refer IS/ISO 105-C10:2006
104.		Colour fastness to perspiration	Clause 5.11.2 of IS 17861:2022 Refer IS/ISO 105-E04:2013
105.		Colour fastness to light	Clause 5.18.2 of IS 17861:2022 Refer IS/ISO 105-B02:2014
106.		Colour Fastness to washing	Clause 5.18.2 of IS 17861:2022 Refer IS/ISO 105-C10:2006

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Chemical Testing

Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Water		
1.	Waste Water (Effluent/Sewage)	Ammonia (as NH ₃ -N)	IS3025(P-34):1988
2.	Waste Water (Effluent/Sewage)	Biochemicaloxyg endemand (3daysa t27degreeC)	IS3025(P-44):1993
3.	Waste Water(Effluent/Sewage)	Colour	IS3025(P-4):1983
4.	Waste Water(Effluent/Sewage)	Oil&Grease	IS3025(P-39):1991
5.	Waste Water(Effluent/Sewage)	Chemicaloxygend emand	APHA 23rd Ed. method5220B (Op Enreflux method):2017
6.	Waste Water(Effluent/Sewage)	Chemicaloxygend emand	IS3025(P-58):2006
7.	Waste Water(Effluent/Sewage)	Cyanide(asCN)	APHA23rdEd.45 00E:2017
8.	Waste Water(Effluent/Sewage)	Cyanide(asCN)	IS:3025(P-27):1986
9.	Waste Water(Effluent/Sewage)	Fluoride(asF)	APHA 23rd Ed. method4500D:2017
10.	Waste Water(Effluent/Sewage)	Fluoride (as F)	IS:3025(P-60):2008
11.	Waste Water(Effluent/Sewage)	pH	IS3025(P-11):1983
12.	Waste Water(Effluent/Sewage)	Phenoliccompoun d(asC ₆ H ₅ OH)	IS3025(P-43):1992
13.	Waste Water(Effluent/Sewage)	Phosphorus(asP)	IS:3025(P-31) (stannouschloride Method):1988
14.	Waste Water(Effluent/Sewage)	Sulphide(asH ₂ S)	IS3025(P- 29):1986

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Water		
15.	Waste Water(Effluent/Sewage)	Temperature	IS3025(P- 09):1984
16.	Waste Water(Effluent/Sewage)	Total Iron	IS3025(P- 2):2019
17.	Waste Water(Effluent/Sewage)	Total Iron	IS3025(P- 53):2003
18.	Waste Water (Effluent/Sewage)	Total Kjeldahl nitrogen(asNH ₃)	APHA23rd ed. method 4500-norg B (macro Kjeldahl method): 2017
19.	Waste Water (Effluent/Sewage)	Total suspended solids	APHA 23rd ed. method 2540D:2017
20.	Waste Water (Effluents/Sewage)	Appearance	2110 APHA 23rd Ed.:2017
21.	Waste Water (Effluents/Sewage)	Electrical Conductivity	IS:3025(P-14):2013
22.	Waste Water (Effluents/Sewage)	Odour	IS:3025(P-5):2018
23.	Waste Water (Effluents/Sewage)	Total Dissolved Solids	IS:3025(P-16):1984
24.	Waste Water (Effluents/Sewage)	Total Kjeldahl nitrogen(asNH ₃)	APHA 23 rd ed. method-4500- NH ₃ C (Titrimetric method):2017
25.	Drinking water, Surface water, Raw Water, Ground water	Taste	IS 3025(P-8):1984
26.	Drinking water, Surface water, Raw Water, Ground water	Total alkalinity (as CaCO ₃)	IS 3025(P-23) :1991
27.	Drinking water, Surface water, Raw Water, Ground water	Total dissolved solid	IS 3025(P-16):1984

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Water		
28.	Drinking water, Surface water, Raw Water, Ground water	Total Hardness(as CaCO ₃)	IS 3025(P-21) :2009
29.	Irrigation Water	Bicarbonate as HCO ₃	IS:3025(P-51) :2001
30.	Irrigation Water	Boron as B	IS: 11624 : 2019
31.	Irrigation Water	Calcium as Ca	IS:3025(P-40) :1991
32.	Irrigation Water	Carbonate as CO ₃	IS:3025(P-51) :2001
33.	Irrigation Water	Chloride(as Cl)	IS:3025(P-32) :1988
34.	Irrigation Water	Cyanide (as CN)	APHA 23rd Ed. method 4500-E:2017
35.	Irrigation Water	Electrical Conductivity	IS:3025(P-14) :2013
36.	Irrigation Water	Electrical Conductivity	IS 11624: 2019
37.	Irrigation Water	Fluoride (as F)	APHA 23rd Ed. method 4500-D:2017
38.	Irrigation Water	Iron (as Fe)	IS 3025(P-2): 2019
39.	Irrigation Water	Magnesium (as Mg)	APHA 23rd Ed. method 3500- Mg (B): 2017
40.	Irrigation Water	Magnesium as Mg	IS:3025(P-46): 1994
41.	Irrigation Water	Nitrate(as NO ₃)	IS:3025(P-34) : 1988
42.	Irrigation Water	pH	IS:3025(P-11) : 1983

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Water		
43.	Irrigation Water	Residual Sodium Carbonate	IS: 11624: 2019
44.	Irrigation Water	Sodium Adsorption Ratio	IS: 11624: 2019
45.	Irrigation Water	Sodium as Na	IS:3025(P-45) : 1993
46.	Irrigation Water	Sulphate (as SO ₄)	IS:3025(P-24) UV visible Spectrometer method: 1986
47.	Processed Water	Total Solids	APHA 23rd Ed. Method 2540(B): 2017
48.	Quality tolerances for water for processed food industry	Chloride(as Cl)	IS 3025(P-32):1988
49.	Quality tolerances for water for processed food industry	Colour	IS 3025(P-4):2021
50.	Quality tolerances for water for processed food industry	Cyanide(as CN)	IS:3025(P-27) :1986
51.	Quality tolerances for water for processed food industry	Fluoride (as F)	IS:3025(P-60) :2008
52.	Quality tolerances for water for processed food industry	Iron (as Fe)	IS 3025(P-53) :2003
53.	Quality tolerances for water for processed food industry	Magnesium(as Mg)	APHA 23rd Ed. method 3500- Mg(B): 2017
54.	Quality tolerances for water for processed food industry	Magnesium(as Mg)	IS:3025(P-46):1994

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Water		
55.	Quality tolerances for water for processed food industry	Nitrate(as NO ₃)	IS 3025(P-34) :1998
56.	Quality tolerances for water for processed food industry	pH	IS 3025(P-11) :1983
57.	Quality tolerances for water for processed food industry	Phenolic compound (as C ₆ H ₅ OH)	IS 3025(P-43) :1992
58.	Quality tolerances for water for processed food industry	Sulphate as SO ₄	IS 3025(P-24) :1986
59.	Quality tolerances for water for processed food industry	Total alkalinity as HCO ₃	IS 3025(P-23) :1991
60.	Quality tolerances for water for processed food industry	Total Hardness as CaCO ₃	IS 3025(P-21) :2009
61.	Quality tolerances for water for processed food industry	Total solids	APHA 23rd ed. method 2540B: 2017
62.	Quality tolerances for water for processed food industry	Turbidity	IS 3025(P-10) :1984
63.	Reagent grade water	Colour retention of KMnO ₄ , at 27x 2 degree C minutes	IS 1070 : 1992
64.	Reagent grade water	Conductivity	IS:3025(P-14) :1984
65.	Reagent grade water	Non-volatile residue or total solids	IS 3025(P-18): 1984

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Water		
66.	Reagent grade water	Silica as SiO ₂	IS 3025(P-35) :1988
67.	Water for Processed Food Industry	Total Solids	IS:3025(P-15):1984
68.	Packaged drinking water(other than packaged natural mineral water)	Aluminium as Al	IS 3025(P-55) :2003
69.	Packaged drinking water(other than packaged natural mineral water)	Bromate (as BrO ₃)	IS:3025 (P-67): 2018
70.	Packaged drinking water(other than packaged natural mineral water)	Calcium(as Ca)	IS 3025(P-40) :1991
71.	Packaged drinking water(other than packaged natural mineral water)	Chloride(as Cl)	IS 3025(P-32) :1988
72.	Packaged drinking water(other than packaged natural mineral water)	Colour	IS 3025(P-4) :2021
73.	Packaged drinking water(other than packaged natural mineral water)	Cyanide (as CN)	APHA 23rd ed.4500-E: 2017

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Water		
74.	Packaged drinking water (other than packaged natural mineral water)	Cyanide (as CN)	IS:3025(P-27):1986
75.	Packaged drinking water (other than packaged natural mineral water)	Fluoride (as F)	APHA23rd Ed. method- 4500D: 2017
76.	Packaged drinking water (other than packaged natural mineral water)	Fluoride (as F)	IS:3025(P-60): 2008
77.	Packaged drinking water (other than packaged natural mineral water)	Free residual chlorine	IS 3025(P-26):2021
78.	Packaged drinking water (other than packaged natural mineral water)	Iron (as Fe)	IS 3025(P-2):2019
79.	Packaged drinking water (other than packaged natural mineral water)	Iron (as Fe)	IS 3025 (P-2):2019
80.	Packaged drinking water (other than packaged natural mineral water)	Iron (as Fe)	IS 3025(P-53) :2003

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Water		
81.	Packaged drinking water (other than packaged natural mineral water)	Magnesium (as Mg)	APHA 23rd Ed. method- 3500-Mg (B): 2017
82.	Packaged drinking water (other than packaged natural mineral water)	Magnesium (as Mg)	IS 3025(P-46): 1994
83.	Packaged drinking water (other than packaged natural mineral water)	Nitrate (as NO ₃)	IS 3025(P-34) :1988
84.	Packaged drinking water (other than packaged natural mineral water)	Nitrite (as NO ₂)	IS 3025(P-34) :1988
85.	Packaged drinking water (other than packaged natural mineral water)	Odour	IS:3025(P-5):2018
86.	Packaged drinking water (other than packaged natural mineral water)	pH	IS 3025(P-11) :1983
87.	Packaged drinking water (other than packaged natural mineral water)	Phenolic compound (as C ₆ H ₅ OH)	IS 3025(P-43) :1992

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Water		
88.	Packaged drinking water(other than packaged natural mineral water)	Sodium(as Na)	IS 3025(P-45) :1993
89.	Packaged drinking water(other than packaged natural mineral water)	Sulphate (as SO ₄)	IS 3025(P-24) :1986
90.	Packaged drinking water(other than packaged natural mineral water)	Sulphide(as H ₂ S)	IS 3025(P-29) :1986
91.	Packaged drinking water(other than packaged natural mineral water)	Taste	IS:3025(P-7):2017
92.	Packaged drinking water(other than packaged natural mineral water)	Total alkalinity (as HCO ₃)	IS 3025(P-23) :1991
93.	Packaged drinking water(other than packaged natural mineral water)	Total dissolved solid	IS 3025(P-16) : 1984
94.	Packaged drinking water(other than packaged natural mineral water)	Turbidity	IS 3025(P-10) : 1984
95.	Packaged Natural Mineral Water	Aluminium(as Al)	IS 3025(P-55):2003

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	Water		
96.	Packaged Natural Mineral Water	Anionic detergents(as MBAS)	IS 13428: 2005
97.	Packaged Natural Mineral Water	Calcium (as Ca)	IS 3025(P-40):1991
98.	Packaged Natural Mineral Water	Chloride (as Cl)	IS 3025(P-32):1988
99.	Packaged Natural Mineral Water	Colour	IS 3025(P-4):2021
100.	Packaged Natural Mineral Water	Cyanide (as CN)	APHA 23rd Ed. method- 4500-E: 2017
101.	Packaged Natural Mineral Water	Cyanide (as CN)	IS 3025(P-27):1986
102.	Packaged Natural Mineral Water	Fluoride (as F)	IS 3025(P-60):2008
103.	Packaged Natural Mineral Water	Fluoride (as F)	APHA 23rd Ed. method- 4500-D:2017
104.	Packaged Natural Mineral Water	Free residual chlorine	IS 3025(P-26):2021
105.	Packaged Natural Mineral Water	Iron (as Fe)	IS 3025(P-53):2003
106.	Packaged Natural Mineral Water	Iron (as Fe)	IS 3025(P-2):2019
107.	Packaged Natural Mineral Water	Magnesium (as Mg)	IS 3025(P-46):1994
108.	Packaged Natural Mineral Water	Magnesium (as Mg)	APHA 23rd Ed. method 3500- Mg(B): 2017
109.	Packaged Natural Mineral Water	Mineral oil	IS 3025(P-39):2021

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Water		
110.	Packaged Natural Mineral Water	Nitrate (as NO ₃)	IS 3025(P-34): 1988
111.	Packaged Natural Mineral Water	Nitrite (as NO ₂)	IS 3025(P-34): 1988
112.	Packaged Natural Mineral Water	Odour	IS 3025(P-5): 2018
113.	Packaged Natural Mineral Water	Odour	IS:3025(P-5): 2018
114.	Packaged Natural Mineral Water	pH	IS 3025(P-11):1983
115.	Packaged Natural Mineral Water	Phenolic compound (as C ₆ H ₅ OH)	IS 3025(P-43): 1992
116.	Packaged Natural Mineral Water	Sodium (as Na)	IS 3025(P-45):1993
117.	Packaged Natural Mineral Water	Sulphate (as SO ₄)	IS 3025(P-24):1986
118.	Packaged Natural Mineral Water	Sulphide (as H ₂ S)	IS 3025(P-29):1986
119.	Packaged Natural Mineral Water	Taste	IS 3025(P-7):2017
120.	Packaged Natural Mineral Water	Taste	IS 3025(P-8):1984
121.	Packaged Natural Mineral Water	Taste	IS:3025(P-7 & 8):2017
122.	Packaged Natural Mineral Water	Total Alkalinity (as HCO ₃)	IS 3025(P-23):1991
123.	Packaged Natural Mineral Water	Total Dissolved Solids	IS 3025(P-16):1984

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Water		
124.	Packaged Natural Mineral Water	Turbidity	IS 3025(P-10):1984
125.	Surface Water, Ground Water, Raw Water, Potable Water, Borewell Water	Odour	IS:3025(P-5):2018
126.	Surface Water, Potable Water, Ground Water, Raw Water, Borewell Water	Taste	IS:3025(P-7 & 8):2017
127.	Quality tolerance for water for Swimming pools	Chloride (as Cl)	IS 3025(P-32):1988
128.	Quality tolerance for water for Swimming pools	Oxygen absorbed in 4 hrs at 27 degree C	IS 3025(P-63) :2007
129.	Quality tolerance for water for Swimming pools	pH	IS 3025(P-11) :1983
130.	Quality tolerance for water for Swimming pools	Total alkalinity (as HCO ₃)	IS 3025(P-23) :1991
131.	Quality tolerance for water for Swimming pools	Total dissolved solid	IS 3025(P-16) :1984
132.	Quality tolerance for water for Swimming pools	Total residual chlorine	IS 3025(P-26):2021

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Chemical Testing

Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Water		
133.	Quality tolerance for water for Swimming pools	Aluminium	IS 3025(P-55) :2003
134.	Quality tolerance for water for Swimming pools	Colour	IS 3025(P-4) :2021
135.	Quality tolerance for water for Swimming pools	Iron (as Fe)	IS 3025(P-53) RA2019& IS 3025 (P-2)2019: 2003
136.	Quality tolerance for water for Swimming pools	Turbidity	IS 3025(P-10) :1984
137.	Water for Swimming Pool	Appearance	APHA 23 rd Ed.2110: 2017
138.	Water for Swimming Pool	Odour	IS:3025(P-5):2018
139.	Water for Swimming Pool	Taste	IS:3025(P-7):2017

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Biological Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Water		
1.	Packaged Drinking Water	Coliform count	IS 15185: 2016
2.	Packaged Drinking Water	Salmonella	IS 15187: 2016
3.	Packaged Drinking Water	Aerobic Microbial Count at 37°C	IS 5402 : (P-1): 2021
4.	Packaged Drinking Water	Aerobic Microbial Count at 20-22°C	IS 5402 : (P-1): 2021
5.	Packaged Drinking Water	Escherichia coli	IS 15185: 2016
6.	Packaged Drinking Water	Faecal streptococci	IS 15186: 2016
7.	Packaged Drinking Water	Pseudomonas aeruginosa	Annex D of IS: 13428 2024
8.	Packaged Drinking Water	Shigella	IS 5887(P-7):1999
9.	Packaged Drinking Water	Staphylococcus aureus	IS 5887(P-2):1976
10.	Packaged Drinking Water	Vibrio cholerae	IS 5887(P-5):2023
11.	Packaged Drinking Water	Vibrio parahaemolyticus	IS 5887(P-5):2023
12.	Packaged Drinking Water	Sulphite reducing anaerobes (Clostridia)	Annex C of IS 13428:2024
13.	Packaged Drinking Water	Yeast and mould Count	IS :16069(p-1):2013
14.	Packaged Natural Mineral Water	Coliform count	IS 15185: 2016

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Biological Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Water		
15.	Packaged Natural Mineral Water	Salmonella	IS 15187: 2016
16.	Packaged Natural Mineral Water	Escherichia coli	IS 15185: 2016
17.	Packaged Natural Mineral Water	Faecal streptococci	IS 15186: 2016
18.	Packaged Natural Mineral Water	Pseudomonas aeruginosa	Annex D of IS: 13428 2024
19.	Packaged Natural Mineral Water	Shigella	IS 5887 (P-7):1999
20.	Packaged Natural Mineral Water	Staphylococcus aureus	IS 5887 (P-2):1997
21.	Packaged Natural Mineral Water	Vibrio cholerae	IS 5887 (P-5):2023
22.	Packaged Natural Mineral Water	Vibrio parahaemolyticus	IS 5887 (P-5):2023
23.	Packaged Natural Mineral Water	Sulphite reducing anaerobes (Clostridia)	Annex C of IS 13428:2024
24.	Packaged Natural Mineral Water	Yeast and mould Count	IS :16069 (P-1):2013
25.	Waste water/ Sewage Water/ ETP Outlet	Bacterial Count	APHA 23 rd Ed.:2017
26.	Waste water/ Sewage Water/ ETP Outlet	Coliform count	APHA 23 rd Ed.:2017
27.	Waste water/ Sewage Water/ ETP Outlet	Escherichia coli	APHA 23 rd Ed.:2017

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Biological Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Water		
28.	Waste water/ Sewage Water/ ETP Outlet	Faecal Coliform	APHA23rdEd.:2017
29.	Waste water/ Sewage Water/ ETP Outlet	Faecal Coliform	IS:1622: 1981
30.	Textile Fabric & garment, Textile Products & Accessories	Assessment of antibacterial finishes on textile	ISO 20743
31.	Reverse Osmosis Based Point of Use Water Treatment System for Drinking	Escherichia coli	Annex C of IS 16240 :2023
32.	Reverse Osmosis Based Point of Use Water Treatment System for Drinking	MS2 phage	Annex C of IS 16240 :2023

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Plastic & Resins		
1.	Un Plasticized PVC pipes for water supplies	Monomer Content (VCM Content)	IS 4985: 2021
2.	High density polyethylene pipes for potable water supplies	Water Content	Annex D IS 4984: 2016
3.	Polyethylene Flexible Pouches For the Packing of Natural Mineral Water and Packaged Drinking Water	Determination of Specific Migration	IS 15609: 2005
4.	Chlorine polyvinyl chloride (CPVC) pipes potable hot and cold water distribution supplies	Chlorine content	Annex B IS 15778: 2007
5.	Flexible Pouches	Overall Migration test	IS 9845 : 1998
6.		Water Potability Test	Annex-E of IS: 15609 : 2005
7.	High density polyethylene pipes for potable water supplies	Anti-Oxidant	IS 10141: 2001
		(A) Butylated hydroxy Anisole (BHA)	
		(B) Butylated hydroxy Toluene (BHT)	

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Plastic & Resins		
		(C) Citric Acid	
8.	High density polyethylene pipes for potable water supplies	Ash Content	IS 4984: 2016
9.		Density	IS:4984: 2016
10.		Olefin Constituent	IS:4984: 2016
11.		Overall Migration	IS: 9845:1998
12.		Toluene Extract	IS:4984: 2016
13.		Volatile Matter	Annex C of IS:4984: 2016
14.	Chlorine polyvinyl chloride (CPVC) pipes potable hot and cold water distribution supplies	Effect on Water	IS: 12235 P-4 & IS: 12235 P-10: 2004
		a) Lead (first extraction)	
		b) Lead (third extraction)	
		c) Dialkyl tin C4 and higher homologues measured as tin (third extraction)	
		d) Cadmium (for all three extracts)	

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Plastic & Resins		
		e) Mercury (for all three extracts)	
		Other toxic substances:	
		a) Di-n-octyl-tin-mass	
		b) -s-s Bis-iso-octyl mercaptol acetate	
		c) Butyl stearate (third extraction)	
15.	Chlorine polyvinyl chloride (CPVC) pipes potable hot and cold water distribution supplies	Anti-oxidant	
		A) Butylated hydroxy Anisole (BHA)	
		B) Butylated hydroxy Toluene (BHT)	
		C) Citric Acid	
16.		Colour Migration	IS: 15410: 2025
17.	Plastic Bottles, Jar, Glasses, Caps, Cups , Containers	Overall Migration test	IS:9845 : 1998
18.		Water Potability test	Annex-C of IS:15410 :2025

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Plastic & Resins		
19.	Plastic Bottles/Containers for Packaged Natural Mineral water and Packaged Drinking Water	Colour Migration	IS:15410: 2025
20.	Plastic Bottles/Containers for Packaged Natural Mineral water and Packaged Drinking Water	Determination of Specific Migration	IS:15410: 2025
21.		Water Potability Test	IS:15410: 2025
22.		Overall Migration	IS: 9845: 1998
23.		Water Portability Test	Annex E IS:15609: 2005
24.	Polyethylene Pipes for Sewerage and Industrial Chemicals and Effluent	Anti-Oxidant	IS 10141:2001
		a) Butylated hydroxy Anisole (BHA)	
		b) Butylated hydroxy Toluene (BHT)	
		c) Citric Acid	
25.	Polyethylene Pipes for Sewerage and Industrial Chemicals and Effluent	Ash Content	IS:14333: 2022
26.		Olefin Constituent	IS 14333: 2022

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Plastic & Resins		
27.		Toluene Extract	IS 14333: 2022
28.		Volatile Matter	Annex C of IS:4984: 2016
29.	Polyethylene Pipes for Sewerage and Industrial Chemicals and Effluent	Water Content	Annex D of IS:4984: 2016
30.		Anti-Oxidant	
31.	Polypropylene random copolymer pipes for hot and cold water supplies	a) Butylated hydroxy Anisole (BHA)	IS 10141:2001
32.		b) Butylated hydroxy Toluene (BHT)	
33.		c) Citric Acid	
34.	Polypropylene random copolymer pipes for hot and cold water supplies	Overall Migration	IS 9845: 1998
35.	Un plasticized Polyvinyl Chloride (PVC-U) Screen And Casing Pipes For Bore/Tube wells	Composition	IS 12818: 2010
36.		Effect on Water	

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Plastic & Resins		
37.	Un plasticized Polyvinyl Chloride (PVC-U) Screen And Casing Pipes For Bore/Tube wells	a) Lead (first extraction)	IS 12818: 2010; IS 12235 P-4 & IS 12235 P-10:2004
38.		b) Lead (third extraction)	
39.		c) Dialkyl tin C4 and higher homologues measured as tin (third extraction)	
40.		d) Cadmium (for all three extracts)	
41.		e) Mercury (for all three extracts)	
42.		Other toxic substances:	
43.		a) Di-n-octyl-tin-mass	
44.		b) -s-s Bis-iso-octyl mercaptol acetate	
45.		c) Butyl stearate (third extraction)	
46.	Un plasticized Polyvinyl Chloride (PVC-U) Screen And Casing Pipes For Bore/Tube wells	K-value	IS 4669: 1968
47.	Un plasticized Polyvinyl Chloride (PVC-U) Screen And Casing Pipes For Bore/Tube wells	Monomer Content(VCM Content)	IS 12818: 2010

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Plastic & Resins		
48.	Un Plasticized PVC pipes for water supplies	Effect on Water	IS 4985: 2021; IS 12235 P-4 & IS 12235 P-10
49.		a) Lead (first extraction)	
50.		b) Lead (third extraction)	
51.		c) Dialkyl tin C4 and higher homologues measured as tin (third extraction)	
52.		d) Cadmium (for all three extracts)	
53.		e) Mercury (for all three extracts)	
54.		Other toxic substances:	
55.		a) Di-n-octyl-tin-mass	
56.		b) -s-s Bis-iso-octyl mercaptol acetate	
57.		c) Butyl stearate (third extraction)	
58.	Un Plasticized PVC pipes for water supplies	K-value	IS 4669 : 1968
59.		Sulphated Ash Content	Annex-B IS 4985: 2021

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Plastic & Resins		
60.	Unplasticized Polyvinyl Chloride (PVC-U) Pipe for Soil and Waste Discharge System For Inside and Outside Buildings Including Ventilation and Rain Water System	K-Value	IS 4669: 1968
61.		Effect on Water	IS 13592: 2013; IS 12235 P-4 & IS 12235 P-10
62.		a) Lead (first extraction)	
63.		b) Lead (third extraction)	
64.		c) Dialkyl tin C4 and higher homologues measured as tin (third extraction)	
65.		d) Cadmium (for all three extracts)	
66.		e) Mercury (for all three extracts)	
67.		Other toxic substances:	
68.		a) Di-n-octyl-tin-mass	
69.		b) -s-s Bis-iso-octyl mercaptol acetate	
70.		c) Butyl stearate (third extraction)	

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Plastic & Resins		
71.	Unplasticized Polyvinyl Chloride (PVC-U) Pipe for Soil and Waste Discharge System	Resistance to dichloromethane at specified temperature	IS 12235 P-7: 2004
72.	For Inside and Outside Buildings Including Ventilation and Rain Water System	Resistance to Sulphuric Acid	IS 12235 P-7: 2004

* Note:

Scope Extension 1:

Following scope of accreditation is extended w.e.f. **20 August 2025:**

Mechanical Discipline-

Textile Materials (S. No.- 324 to 435; Page no.- 191 to 202)

Leather and Leather Products (S. No.- 1 to 1317; Page no.- 344 to 470)

Plastics and Plastic Products (S. No.- 1 to 167; Page no.- 471 to 490)

Toys and Similar Products (S. No.- 1 to 143; Page no.- 491 to 509)

Chemical Discipline-

Leather (S. No.- 46 to 106; Page no.- 768 to 774)

Plastic & Resins (S. No.- 1 to 72; Page no.- 791 to 799)

This is annexure to 'Certificate of Accreditation' and does not require any signature.

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