

Quality And Accreditation Institute

Centre for International Accreditation

(formerly Centre for Laboratory Accreditation)



Certificate of Accreditation

KSA LABS LLP

J-61, BIDD Gorwa Industrial Estate, Gorwa,
Vadodara- 390016, Gujarat, 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/2025/0110

Valid from: 07 April 2025

Valid until: 06 April 2027

Dr. Bhupendra Kumar Rana
Chief Executive Officer

Prof. Vikram Kumar
Chair, CIA



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Accreditation Standard: ISO/IEC 17025:2017

Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textiles		
1.		Fabric Width	IS 9755:2021-CL 4.2, IS 11652: 2017 CL 4.2, IS 16703:2017 (RA 2022) CL 4.2, IS 6192:2023 Annex B
2.		Linear Density	IS 9755:2021-CL 4.2, IS 11652: 2017 CL 4.2, IS 16703:2017 (RA 2022) CL 4.2, IS 6192:2023 Annex C
3.		Mesh	IS 9755:2021-CL 4.2, IS 11652: 2017 CL 4.2, IS 16703:2017 (RA 2022) CL 4.2
4.		Mass of Fabric	IS 9755:2021-CL 4.2, IS 11652: 2017 CL 4.2, IS 16703:2017 (RA 2022) CL 4.2
5.	Packaging Textiles	Sacks Visual Construction	IS 9755:2021-CL 4.3, IS 11652: 2017 CL 4.3, IS 16703:2017 (RA 2022) CL 4.3
6.		Liner Thickness	IS 16703:2017 (RA 2022) CL 4.5, IS 2508:2024
7.		Liner Visual Observation	IS 9755:2021-CL 4.4.2, IS 16703:2017(RA 2022) CL 4.5
8.		Liner Construction	IS 9755:2021-CL 4.4.3, 16703:2017 (RA 2022) CL 4.5
9.		Mass of Lamination	IS 9755:2021-CL 4.5, IS 16703:2017 (RA 2022) CL 4.4
10.		Mass of Laminated Fabric	IS 9755:2021-CL 4.5

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textiles		
11.	Packaging Textiles	Lamination Overhung	IS 9755:2021-CL 4.5, IS 16703:2017 (RA 2022) CL 4.4, IS 11652: 2017 CL 4.5
12.		Stitches Separation	IS 9755:2021-CL 4.6.1, IS 11652: 2017 CL 4.4
13.		Outer Stitches from bottom edge	IS 9755:2021-CL 4.6.1, IS 11652: 2017 CL 4.4, IS 16703:2017 (RA 2022) CL 4.3.1
14.		Depth of seam	IS 9755:2021-CL 4.6.1, IS 11652: 2017 CL 4.4, IS 16703:2017 (RA 2022) CL 4.3.1
15.		No of stitches	IS 9755:2021-CL 4.6.1, IS 11652: 2017 CL 4.4, IS 16703:2017 (RA 2022) CL 4.3.1, IS 16703:2017 (RA 2022) CL 4.3.1
16.		Breaking Load of Stitching material	IS 9755:2021-CL 4.6.2, IS 16703:2017 (RA 2022) CL 4.3.1, IS 1692 Annex D
17.		Mouth of sack	IS 9755:2021-CL 4.7
18.		Length of sack	IS 9755:2021-Annex B, IS 11652: 2017, Annex B, IS 16703:2017 (RA 2022), Annex B
19.		Width of sack	IS 9755:2021-Annex B, IS 11652: 2017, Annex B, IS 16703:2017 (RA 2022), Annex B

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textiles		
20.		Ends per dm	IS 9755:2021-Annex B, IS 11652:2017, Annex B, IS 16703:2017 (RA 2022), Annex B
21.		Picks per dm	IS 9755:2021-Annex B, IS 11652:2017, Annex B, IS 16703:2017 (RA 2022), Annex B
22.		Mass of fabric (Unlaminated)	IS 9755:2021-Annex B
23.		Mass of fabric (Laminated)	IS 9755:2021-Annex B
24.		Mass per unit length & unit Area	IS 1964:2001 (Ra 2022),
25.		Average breaking strength of fabric (ravelled strip method)	IS 1969:2018 (Part 1) (RA 2024)
26.	Packaging Textiles	Elongation at break of fabric (ravelled strip method)	IS 1969:2018 (Part 1) (RA 2024)
27.		Breaking strength of seam (ravelled strip method)	IS 9030:2024
28.		Ash content - Non-UV stabilized sacks	IS 9755:2021-Annex C, IS 11652:2017, Annex D, IS 16703:2017 (RA 2022), Annex D
29.		Drop impact strength	IS 9755:2021-Annex D, IS 11652:2017-Annex C, IS 16703:2017 (RA 2022), Annex C
30.		Visual Inspection Test	IS 9755:2021-CI 5.2

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textiles		
31.		Fabric Construction	IS 11652: 2017 CL 4.2
32.		Stitching Uniformity & missing	IS 11652: 2017 CL 4.4
33.		Stitching Material Density	IS 11652: 2017 CL 4.4
34.		Stitching material conformation	IS 11652: 2017 CL 4.4
35.		Uniformity of stitching	IS 11652: 2017 CL 4.4
36.		Nominal Capacity of sack	IS 11652: 2017 CL 4.6, IS 16703:2017 (RA 2022) CL 4.6
37.		Valve for filling sacks	IS 11652: 2017 CL 4.7
38.		Width of gusset	IS 11652: 2017, Annex B, IS 16703:2017 (RA 2022), Annex B
39.	Packaging Textiles	Width of valve	IS 11652: 2017, Annex B
40.		Depth of valve	IS 11652: 2017, Annex B/CL 4.7
41.		Bottom fold length	IS 16703:2017 (RA 2022), Annex B
42.		Fabric Construction	IS 16703:2017 (RA 2022) CL 4.2

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Building, Infrastructure & Construction Materials		
1.	Plywood for general purpose/Marine Plywood/ Plywood for concrete shuttering	Classification by appearance	IS 303:2024 CI 5
2.		Quality requirements of surface and no of defect	IS 303:2024 CI 5.2 Table 1
3.		Length	IS 303:2024 CI 8.1, IS 710:2024 CI 6.1, IS 4990:2024 CI 7.1
4.		Width	IS 303:2024 CI 8.1, IS 710:2024 CI 6.1, IS 4990:2024 CI 7.1
5.		Thickness	IS 303:2024 CI 8.2, IS 710:2024 CI 6.2, IS 4990:2024 CI 7.2
6.		Squareness	IS 303:2024 Annex C, IS 710:2024 Annex C, IS 4990:2024 Annex C
7.		Edge Straightness	IS 303:2024 Annex C, IS 710:2024 Annex C, IS 4990:2024 Annex C
8.		Workmanship and finish	IS 303:2024 (CI 9.1,9.2,8.4 & Annex C), IS 710:2024 (CI 7.1 to 7.6), IS 4990:2024 (CI 8.1, 8.2 & 8.3)
9.		Modulus of Rupture (Static Bending Strength) (Along & Across the Face Grains)	IS 1734 (P-11): 1983 RA:2018
10.		Modulus of Elasticity (Static Bending Strength)	IS 1734 (P-11): 1983 RA:2018
11.		Cyclic Test	IS 710:2024 CI 9.9, IS 4990:2024 CI 10.10

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Building, Infrastructure & Construction Materials		
12.		Modulus of Rupture (Wet Bending Strength) (Along & Across the Face Grains)	IS 1734 (P-11): 1983 RA:2018
13.		Modulus of Elasticity (Wet Bending Strength) (Along & Across the Face Grains)	IS 1734 (P-11): 1983 RA:2018
14.		Water Resistance Test	IS 303:2024 Cl 11.3.1.1, IS 710:2024 Cl 9.5.1, IS 4990:2024 Cl 10.5.1
15.		Mycological test	IS 1734 (Part 7): 1983 RA:2018
16.	Plywood for general purpose/Marine Plywood/Plywood for concrete shuttering	Adhesion of Plies	IS 1734 (Part 5): 1983 RA:2018
17.		Glue shear strength - Dry state	IS 1734 (Part 4): 1983 RA:2018
18.		Glue shear strength - Wet state	IS 1734 (Part 4): 1983 RA:2018
19.		Tensile Strength Parallel to grain direction	IS 1734 (Part 9): 1983 RA:2018
20.		Tensile Strength Right angles to grain direction	IS 1734 (Part 9): 1983 RA:2018
21.		Moisture content	IS 1734 (Part 1): 1983 RA:2018
22.		Block Board	Surface Defects & Tolerances
23.	Thickness		IS 1659:2004 (RA: 2019) Annex D
24.	Length		IS 1659:2004 (RA: 2019) Cl 7.2

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Building, Infrastructure & Construction Materials		
25.		Width	IS 1659:2004 (RA: 2019) CI 7.2
26.		Edge Straightness	IS 1659:2004 (RA: 2019) CI 7.3
27.		Squareness	IS 1659:2004 (RA: 2019) CI 7.3
28.		Dimensional changes caused by Humidity	IS 1659:2004 (RA :2019) Annex E
29.	Block Board	Spot Test	IS 1659:2004 (RA: 2019) Annex K
30.		Resistance to Water	IS 1659:2004 (RA :2019) Annex F
31.		Adhesion of Plies	IS 1659:2004 (RA: 2019) Annex G
32.		Mycological Test	IS 1659:2004 (RA: 2019) Annex H
33.		Modulus of Rupture	IS 1659:2004 (RA: 2019) Annex J
34.		Modulus of Elasticity	IS 1659:2004 (RA :2019) Annex J
35.	Medium Density Fibre Board	Length	IS 12406:2021 CI 8.1
36.		Width	IS 12406:2021 CI 8.1
37.		Thickness	IS 12406:2021 CI 8.1
38.		Edge Straightness	IS 12406:2021 Annex A
39.		Squareness	IS 12406:2021 Annex A
40.		Density	IS 2380 (Part 3):1977 (RA: 2018)

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Building, Infrastructure & Construction Materials		
41.		Variation from mean density (%)	IS 2380 (Part 3):1977 (RA: 2018)
42.		Moisture content	IS 2380 (Part 3):1977 (RA: 2018)
43.		Variation from mean moisture content	IS 2380 (Part 3):1977 (RA: 2018)
44.		Linear expansion thickness swelling in water	IS 2380 (Part 17):1977 (RA :2018)
45.		Internal bond strength	IS 2380 (Part 5):1977 (RA :2018)
46.		Internal bond strength (After Cyclic test)	IS 12406:2021 Table 1 – Note 1, IS 2380 (Part 5):1977 (RA: 2018)
47.	Medium Density Fibre Board	Internal bond strength (After accelerated water resistance test)	IS 12406:2021 Table 1 – Note 2, IS 2380 (Part 5):1977 (RA :2018)
48.		Modulus of rupture	IS 2380 (Part 4):1977 (RA: 2018)
49.		Modulus of elasticity	IS 2380 (Part 4):1977 (RA: 2018)
50.		Screw withdrawal strength	IS 2380 (Part 14):1977 (RA: 2018)
51.	Wooden Flush Door Shutters	Construction	IS 2202 (Part-1):2023 Cl 7.1 & 7.2
52.		Stiles & Rails	IS 2202 (Part-1):2023 Cl 7.3
53.		Height	IS 4020 (Part-2) :1998 (RA: 2018)

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Mechanical Testing				
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method	
	Building, Infrastructure & Construction Materials			
54.		Nominal thickness	IS 4020 (Part-2) :1998 (RA :2018)	
55.		Uniformity of Thickness	IS 4020 (Part-2) :1998 (RA :2018)	
56.		Width	IS 4020 (Part-2) :1998 (RA: 2018)	
57.		Squareness	IS 4020 (Part-2) :1998 (RA: 2018)	
58.		Workmanship and Finish	IS 2202 (Part-1):2023 Cl 9.1, 9.2, 9.3	
59.		General Flatness Test	IS 4020 (Part-3) :1998 (RA :2018)	
60.		Local Planeness Test	IS 4020 (Part-4) :1998 (RA: 2018)	
61.		Impact Indentation Test	IS 4020 (Part-5) :1998 (RA :2018)	
62.		Deflection (Flexure Test)	IS 4020 (Part-6) :1998 (RA: 2018)	
63.		Deflection (Edge Loading Test)	IS 4020 (Part-7) :1998 (RA: 2018)	
64.		Shock Resistance Test	IS 4020 (Part-8) :1998 (RA :2018)	
65.		Wooden Flush Door Shutters	Buckling Resistance Test	IS 4020 (Part-9) :1998 (RA: 2018)
66.			(Deformation) Buckling Resistance Test	IS 4020 (Part-9) :1998 (RA :2018)
67.			Slamming Test	IS 4020 (Part-10) :1998 (RA: 2018) Cl 3.1
68.	Misuse Test		IS 4020 (Part-11) :1998 (RA :2018)	
69.	Varying Humidity Test		IS 4020 (Part-12) :1998 (RA: 2018)	

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Building, Infrastructure & Construction Materials		
70.		End Immersion Test	IS 4020 (Part-13) :1998 (RA :2018)
71.		Knife Test	IS 4020 (Part-14) :1998 (RA: 2018)
72.		Glue Adhesion Test	IS 4020 (Part-15) :1998 (RA :2018)
73.		Screw Withdrawal Resistance Test	IS 4020 (Part-16) :1998 (RA :2018)
74.	Veneered Decorative Plywood	Classification by appearance	IS 303:2024
75.		Quality requirement of surface and no of defect	IS 303:2024
76.		Length	IS 1328 :2025
77.		Width	IS 1328 :2025
78.		Thickness	IS 1328 :2025
79.		Squareness	IS 1328 :2025
80.		Edge Straightness	IS 1328 :2025
81.		Workmanship and finish	IS 1328 :2025
82.		Moisture content	IS 1734 (Part 1): 1983 RA:2018
83.		Water Resistance Test	IS 303:2024, IS 710:2024, IS 4990:2024
84.	Adhesion of Plies	IS 1734 (Part 5): 1983 RA:2018	

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Building, Infrastructure & Construction Materials		
85.	Wooden Flush Door Shutters	Construction	IS 2191 (Part-1):2022
86.		Stiles & Rails	IS 2191 (Part-1):2022
87.		Height	IS 2191 (Part-1):2022
88.		Nominal thickness	IS 2191 (Part-1):2022
89.		Uniformity of Thickness	IS 2191 (Part-1):2022
90.		Width	IS 2191 (Part-1):2022
91.		Squareness	IS 4020 (Part-2) :1998 (Ra 2018)
92.		Workmanship and Finish	IS 2191 (Part-1):2022
93.		General Flatness Test	IS 4020 (Part-3) :1998 (Ra 2018)
94.		Local Planeness Test	IS 4020 (Part-4) :1998 (Ra 2018)
95.		Impact Indentation Test	IS 4020 (Part-5) :1998 (Ra 2018)
96.		Deflection (Flexure Test)	IS 4020 (Part-6) :1998 (Ra 2018)
97.		Edge Loading Test	IS 4020 (Part-7) :1998 (Ra 2018)
98.		Shock Resistance Test	IS 4020 (Part-8) :1998 (Ra 2018)

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Building, Infrastructure & Construction Materials		
99.		Buckling Resistance Test	IS 4020 (Part-9) :1998 (Ra 2018)
100.		(Deformation) Buckling Resistance Test	IS 4020 (Part-9) :1998 (Ra 2018)
101.		Slamming Test	IS 4020 (Part-10) :1998 (Ra 2018)
102.		Misuse Test	IS 4020 (Part-11) :1998 (Ra 2018)
103.		Varying Humidity Test	IS 4020 (Part-12) :1998 (Ra 2018)
104.		End Immersion Test	IS 4020 (Part-13) :1998 (Ra 2018)
105.		Knife Test	IS 4020 (Part-14) :1998 (Ra 2018)
106.		Glue Adhesion Test	IS 4020 (Part-15) :1998 (Ra 2018)
107.		Screw Withdrawal Resistance Test	IS 4020 (Part-16) :1998 (Ra 2018)
108.		Wooden Flush Door Shutters	Construction
109.	Stiles & Rails		IS 2202 (Part-1):2023
110.	Height		IS 2202 (Part-1):2023
111.	Nominal thickness		IS 2202 (Part-1):2023
112.	Uniformity of Thickness		IS 2202 (Part-1):2023

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Building, Infrastructure & Construction Materials		
113.		Width	IS 2202 (Part-1):2023
114.		Squareness	IS 4020 (Part-2) :1998 (Ra 2018)
115.		Workmanship and Finish	IS 2202 (Part-1):2023
116.		General Flatness Test	IS 4020 (Part-3) :1998 (Ra 2018)
117.		Local Planeness Test	IS 4020 (Part-4) :1998 (Ra 2018)
118.		Impact Indentation Test	IS 4020 (Part-5) :1998 (Ra 2018)
119.		Deflection (Flexure Test)	IS 4020 (Part-6) :1998 (Ra 2018)
120.		Edge Loading Test	IS 4020 (Part-7) :1998 (Ra 2018)
121.		Shock Resistance Test	IS 4020 (Part-8) :1998 (Ra 2018)
122.		Buckling Resistance Test	IS 4020 (Part-9) :1998 (Ra 2018)
123.		(Deformation) Buckling Resistance Test	IS 4020 (Part-11) :1998 (Ra 2018)
124.		Slamming Test	IS 4020-test II (Part-10) :1998 (Ra 2018)
125.		Misuse Test	IS 4020 (Part-11) :1998 (Ra 2018)

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Building, Infrastructure & Construction Materials		
126.		Varying Humidity Test	IS 4020 (Part-12) :1998 (Ra 2018)
127.		End Immersion Test	IS 4020 (Part-13) :1998 (Ra 2018)
128.		Glue Adhesion Test	IS 4020 (Part-15) :1998 (Ra 2018)
129.		Screw Withdrawal Resistance Test	IS 4020 (Part-16) :1998 (Ra 2018)
130.		Construction	IS 2202 (Part-1):2023
131.	Wooden Flush Door Shutters	Construction	IS 2191 (Part-1):2022
132.		Stiles & Rails	IS 2191 (Part-1):2022
133.		Height	IS 2191 (Part-1):2022
134.		Nominal thickness	IS 2191 (Part-1):2022
135.		Uniformity of Thickness	IS 4020 (Part-2) :1998 (Ra 2018)
136.		Width	IS 2191 (Part-1):2022
137.		Squareness	IS 4020 (Part-2) :1998 (Ra 2018)
138.		Workmanship and Finish	IS 2202 (Part-1):2023
139.		General Flatness Test	IS 4020 (Part-3) :1998 (Ra 2018)

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KSA LABS LLP

J-61, BIDD Gorwa Industrial Estate, Gorwa,
Vadodara -390016, Gujarat, India

QAI/CIA/TL/2025/0110

Valid from: 07 April 2025

*Scope Amended w.e.f: 03 June 2026

Valid until: 06 April 2027

Accreditation Standard: ISO/IEC 17025:2017

Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Building, Infrastructure & Construction Materials		
140.		Local Planeness Test	IS 4020 (Part-4) :1998 (Ra 2018)
141.		Impact Indentation Test	IS 4020 (Part-5) :1998 (Ra 2018)
142.		Deflection (Flexure Test)	IS 4020 (Part-6) :1998 (Ra 2018)
143.		Edge Loading Test	IS 4020 (Part-7) :1998 (Ra 2018)
144.		Shock Resistance Test	IS 4020 (Part-8) :1998 (Ra 2018)
145.		Buckling Resistance Test	IS 4020 (Part-9) :1998 (Ra 2018)
146.		(Deformation) Buckling Resistance Test	IS 4020 (Part-11) :1998 (Ra 2018)
147.		Slamming Test	IS 4020 (Part-10) :1998 (Ra 2018)- test-II
148.		Misuse Test	IS 4020 (Part-11) :1998 (Ra 2018)
149.		Varying Humidity Test	IS 4020 (Part-12) :1998 (Ra 2018)
150.		End Immersion Test	IS 4020 (Part-13) :1998 (Ra 2018)
151.		Glue Adhesion Test	IS 4020 (Part-15) :1998 (Ra 2018)
152.		Screw Withdrawal Resistance Test	IS 4020 (Part-16) :1998 (Ra 2018)

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
Automotive Components			
1.	Wheel Rim of Passenger Car Tyres	Dynamic Cornering Fatigue test	IS 9436-2018 Cl. No. 5.1, up to amendment no-2
2.	Wheel Rim of Passenger Car Tyres	Dynamic Radial Fatigue test	IS 9436-2018 Cl. No. 5.2, up to amendment no-2
3.	Wheel Rim of Passenger Car Tyres	Markings	IS 9436-2018 Cl. No.7.1 and 7.2, up to amendment no-2
4.	Automotive Components- Wheel Rim for Two and three wheeled vehicles (Light Alloy Wheel Rims)	General Requirements	IS 16192 (Part 1):2014 Cl. No 4.1 with amendment no.-2
5.	Automotive Components- Wheel Rim for Two and three wheeled vehicles (Light Alloy Wheel Rims)	Rotation Bending Fatigue Test (Dynamic Cornering Fatigue Test)	IS 16192 (Part 1):2014 Cl. No 4.2 with amendment no.-2
6.	Automotive Components- Wheel Rim for Two and three wheeled vehicles (Light Alloy Wheel Rims)	Radial Load Durability Test	IS 16192 (Part 1):2014 Cl. No 4.3 with amendment no.-2
7.	Automotive Components- Wheel Rim for Two and three wheeled vehicles (Light Alloy Wheel Rims)	Radial Impact Resistance Test	IS 16192 (Part 1):2014 Cl. No 4.4 with amendment no.-2

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Automotive Components		
8.	Automotive Components- Wheel Rim for Two and three wheeled vehicles (Light Alloy Wheel Rims)	Torsion Moment Test	IS 16192 (Part 1):2014 Cl. No 4.5 with amendment no.-2
9.	Automotive Components- Wheel Rim for Two and three wheeled vehicles (Light Alloy Wheel Rims)	Air Leak Test (Tubeless Tyres Wheel Rim)	IS 16192 (Part 1):2014 Cl. No 4.6 with amendment no.-2
10.	Automotive Components- Wheel Rim for Two and three wheeled vehicles (Light Alloy Wheel Rims)	Marking	IS 16192 (Part 1):2014 Cl. No 6 with amendment no.-2
11.	Automotive Components- Wheel Rims for Two and Three Wheeled Vehicles (Sheet Metal Wheel Rims)	General Requirements	IS 16192 (Part 2):2014 Cl. No 4.1 with amendment no.-2
12.	Automotive Components- Wheel Rims for Two and Three Wheeled Vehicles (Sheet Metal Wheel Rims)	Dynamic Cornering Fatigue Test (CFT)	IS 16192 (Part 2):2014 CL. No 4.2.3 with amendment no.-2
13.	Automotive Components- Wheel Rims for Two and Three Wheeled Vehicles (Sheet Metal Wheel Rims)	Dynamic Radial Fatigue Test (RFT)	IS 16192 (Part 2):2014 Cl. No 4.2.4 with amendment no.-2

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Mechanical Testing				
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method	
	Automotive Components			
14.	Automotive Components- Wheel Rims for Two and Three Wheeled Vehicles (Sheet Metal Wheel Rims)	Marking	IS 16192 (Part 2):2014 Cl. No 6 with amendment no.-2	
15.	Automotive Vehicles - Tubes for Pneumatic Tyres	Workmanship and Finish	IS 13098:2024, IS 9081:2024	
16.		Classification	IS 13098:2024	
17.		Form & Fit	IS 13098:2024	
18.		Thickness Uniformity		Base Centre
19.				Crown Centre
20.				Right Side Wall Centre
21.				Left Side Wall Centre
22.		Elongation	IS 13098:2024 (Annex A) IS 3400 (P-1)	
23.		Strength of Splice	IS 13098:2024 (Annex A) IS 3400 (P-1)	
24.		Set After Ageing	IS 13098:2024 (Annex B) IS 3400 (P-1)	
25.		Accelerated ageing (100 2 degree Celsius) for 48 h	IS 13098:2024 (Annex C) IS 3400 (P-1 & 4)	
26.	Air Tightness	IS 13098:2024 Cl 5		
27.	Marking	IS 13098:2024 (Annex D)		

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
Building Materials			
1.	Polymer Based Adhesives (Synthetic) (Phenolic And Amino plastic)	Visual Examination (Cyclic Test)	IS 848:2025
2.		Forcible Separation	IS 1734 (Part 5): 1983 RA:2018
3.		(Cyclic Test)	IS 1734 (Part 5): 1983 RA:2018
4.		Acidity and Alkalinity (pH) Test	IS 848:2025
5.	Marine plywood/ Plywood for general purposes/ Plywood for concrete shuttering work/ Structural plywood	Retention of Preservative (Copper)	IS 2753 (Part-1):1991
6.		Retention of Preservative (Chrome)	
7.		Retention of Preservative (Boron)	
8.		Retention of preservative (Zinc)	
9.		Retention of preservative (Arsenic)	
10.		Retention of Preservative (Creosote & Fuel Oil)	
11.		Retention of Preservative (Copper)	
12.	Marine plywood/ Plywood for general purposes/ Plywood for concrete shuttering work	Formaldehyde Content Test	IS 13745:2020

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***Note:**

Scope Extension 1:

Following scope of accreditation is effective w.e.f: 03 June 2026

Mechanical Testing

- 1) Building Infrastructure & Construction materials (Sr. No.- 74 to 152; Page no. 10-15) added to the existing group.
- 2) Automotive Components (Sr. No.-1 to 27; Page no. 16-18) new group added.

Chemical Testing

- 1) Building Materials (Sr. No.- 1 to 12; Page no. 19) new group added.

