National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : IPIRTI CENTRE, B 65 PHASE 7 INDUSTRIAL AREA, MOHALI, S.A.S NAGAR, PUNJAB, INDIA

Accreditation Standard ISO/IEC 17025:2017

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Permanent Facility				
1	MECHANICAL- BUILDINGS MATERIALS	Moulded Raised High Density Fibre (HDF) Panel Doors	0) Knife Test	IS 4020 Part 14
2	MECHANICAL- BUILDINGS MATERIALS	Moulded Raised High Density Fibre (HDF) Panel Doors	a) Measurement of Dimensions, mm Length	IS 4020 Part 2
3	MECHANICAL- BUILDINGS MATERIALS	Moulded Raised High Density Fibre (HDF) Panel Doors	a) Measurement of Dimensions, mm Width	IS 4020 Part 2
4	MECHANICAL- BUILDINGS MATERIALS	Moulded Raised High Density Fibre (HDF) Panel Doors	a) Measurement of Dimensions, mm Thickness	IS 4020 Part 2
5	MECHANICAL- BUILDINGS MATERIALS	Moulded Raised High Density Fibre (HDF) Panel Doors	a) Measurement of Dimensions, mm Squareness	IS 4020 Part 2
6	MECHANICAL- BUILDINGS MATERIALS	Moulded Raised High Density Fibre (HDF) Panel Doors	b)General flatness, mm	IS 4020 Part 3
7	MECHANICAL- BUILDINGS MATERIALS	Moulded Raised High Density Fibre (HDF) Panel Doors	c)Local planeness, mm	IS 4020 Part 4
8	MECHANICAL- BUILDINGS MATERIALS	Moulded Raised High Density Fibre (HDF) Panel Doors	d) Impact indentation, mm	IS 4020 Part 5
9	MECHANICAL- BUILDINGS MATERIALS	Moulded Raised High Density Fibre (HDF) Panel Doors	e) Flexure test, mm	IS 4020 Part 6
10	MECHANICAL- BUILDINGS MATERIALS	Moulded Raised High Density Fibre (HDF) Panel Doors	f) Edge loading test, mm	IS 4020 Part 7
11	MECHANICAL- BUILDINGS MATERIALS	Moulded Raised High Density Fibre (HDF) Panel Doors	g) Shock resistance test	IS 4020 Part 8
12	MECHANICAL- BUILDINGS MATERIALS	Moulded Raised High Density Fibre (HDF) Panel Doors	h) Buckling test, mm	IS 4020 Part 9
13	MECHANICAL- BUILDINGS MATERIALS	Moulded Raised High Density Fibre (HDF) Panel Doors	i) Slamming test	IS 4020 Part 10
14	MECHANICAL- BUILDINGS MATERIALS	Moulded Raised High Density Fibre (HDF) Panel Doors	j) Misuse test	IS 4020 Part 11
15	MECHANICAL- BUILDINGS MATERIALS	Moulded Raised High Density Fibre (HDF) Panel Doors	k) Varying humidity test	IS 4020 Part 12
16	MECHANICAL- BUILDINGS MATERIALS	Moulded Raised High Density Fibre (HDF) Panel Doors	l) End immersion test	IS 4020 Part 13
17	MECHANICAL- BUILDINGS MATERIALS	Moulded Raised High Density Fibre (HDF) Panel Doors	m) Glue adhesion test	IS 4020 Part 15
18	MECHANICAL- BUILDINGS MATERIALS	Moulded Raised High Density Fibre (HDF) Panel Doors	n) Screw withdrawal strength, N	IS 4010 Part 16

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19	MECHANICAL- BUILDINGS MATERIALS	Wooden Flush Door Shutter (Solid Core Type)	(h) Buckling test (i) Deflection as max load, mm	IS 4020 Part 9
20	MECHANICAL- BUILDINGS MATERIALS	Wooden Flush Door Shutter (Solid Core Type)	(i) Slamming test	IS 4020 Part 10
21	MECHANICAL- BUILDINGS MATERIALS	Wooden Flush Door Shutter (Solid Core Type)	(j) Misuse test	IS 4020 Part 11
22	MECHANICAL- BUILDINGS MATERIALS	Wooden Flush Door Shutter (Solid Core Type)	(n) Varying humidity test Length	IS 4020 Part 12
23	MECHANICAL- BUILDINGS MATERIALS	Wooden Flush Door	(k) Screw withdrawal strength, N	IS 4020 Part 16
24	MECHANICAL- BUILDINGS MATERIALS	Wooden Flush Door Shutter (Solid Core Type)	(a) Dimensions & Squareness (ii) Width,mm	IS 4020 Part 2
25	MECHANICAL- BUILDINGS MATERIALS	Wooden Flush Door Shutter (Solid Core Type)	(a) Dimensions & Squareness (iii)Thickness, mm	IS 4020 Part 2
26	MECHANICAL- BUILDINGS MATERIALS	Wooden Flush Door Shutter (Solid Core Type)	(a) Dimensions & Squareness (iv) Squareness, mm	IS 4020 Part 2
27	MECHANICAL- BUILDINGS MATERIALS	Wooden Flush Door Shutter (Solid Core Type)	(c) Local Planeness, mm	IS 4020 Part 4
28	MECHANICAL- BUILDINGS MATERIALS	Wooden Flush Door Shutter (Solid Core Type)	(d) Impact Indentation, mm	IS 4020 Part 5
29	MECHANICAL- BUILDINGS MATERIALS	Wooden Flush Door Shutter (Solid Core Type)	(e) Flexure test, mm (i) Deflection as max load, mm	IS 4020 Part 6
30	MECHANICAL- BUILDINGS MATERIALS	Wooden Flush Door Shutter (Solid Core Type)	(f) Edge loading test (i) Deflection as max load,mm	IS 4020 Part 7
31	MECHANICAL- BUILDINGS MATERIALS	Wooden Flush Door Shutter (Solid Core Type)	(g) Shock resistance test	IS 4020 Part 8
32	MECHANICAL- BUILDINGS MATERIALS	Wooden Flush Door Shutter (Solid Core Type)	(l) End immersion test	IS 4020 Part 13
33	MECHANICAL- BUILDINGS MATERIALS	Wooden Flush Door Shutter (Solid Core Type)	(m) Glue adhesion test	IS 4020 Part 15
34	MECHANICAL- BUILDINGS MATERIALS	Wooden Flush Door Shutter (Solid Core Type)	a) Measurement of Dimensions, mm i) Length	IS 4020 Part 2
35	MECHANICAL- BUILDINGS MATERIALS	Wooden Flush Door Shutter (Solid Core Type)	b) General flatness	IS 4020 Part 3
36	MECHANICAL- BUILDINGS MATERIALS	Wooden Flush Door Shutter (Solid CoreType)	(o)Knife test	IS 4020 Part 14
37	MECHANICAL- WOOD AND WOOD PRODUCTS	Block Board	(a) Dimensions & Tolerance iii)Thickness, mm	IS 1659

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38	MECHANICAL- WOOD AND WOOD PRODUCTS	Block Board	(a) Dimensions & Tolerance ii) Width,mm	IS 1659
39	MECHANICAL- WOOD AND WOOD PRODUCTS	Block Board	(a) Dimensions & Tolerance iv)Squareness, mm	IS 1659
40	MECHANICAL- WOOD AND WOOD PRODUCTS	Block Board	(a) Dimensions & Tolerance v) Edge Straightness, mm	IS 1659
41	MECHANICAL- WOOD AND WOOD PRODUCTS	Block Board	(a) Dimensions & Tolerance i) Length, mm	IS 1659
42	MECHANICAL- WOOD AND WOOD PRODUCTS	Block Board	(b) Dimensional changes caused by humidity. i) Changes in length, mm	IS 1659
43	MECHANICAL- WOOD AND WOOD PRODUCTS	Block Board	(c) Resistance to water	IS 1659 Annex G & Annex H
44	MECHANICAL- WOOD AND WOOD PRODUCTS	Block Board	(d) Adhesion of plies	IS 1659 Annex H
45	MECHANICAL- WOOD AND WOOD PRODUCTS	Block Board	(e) Resistance to Microorganism(Mycological Test)	IS 1659 Annex J
46	MECHANICAL- WOOD AND WOOD PRODUCTS	Block Board	(f) Modulus of Elasticity, N/mm2	IS 1659 Annex K
47	MECHANICAL- WOOD AND WOOD PRODUCTS	Block Board	(g) Modulus of Rupture, N/mm2	IS 1659 Annex K
48	MECHANICAL- WOOD AND WOOD PRODUCTS	Decorative Plywood	a) Dimensions and Tolerance i) Length, , mm	IS 1328 Annex D
49	MECHANICAL- WOOD AND WOOD PRODUCTS	Decorative Plywood	a) Dimensions and Tolerance ii) Width, mm	IS1328 Annex D
50	MECHANICAL- WOOD AND WOOD PRODUCTS	Decorative Plywood	a) Dimensions and Tolerance iii) Thickness, mm	IS 1328 Annex D
51	MECHANICAL- WOOD AND WOOD PRODUCTS	Decorative Plywood	a) Dimensions and Tolerance iv) Squareness, mm	IS 1328 Annex D
52	MECHANICAL- WOOD AND WOOD PRODUCTS	Decorative Plywood	a) Dimensions and Tolerance v)Edge Straightness, mm	IS 1328 Annex D
53	MECHANICAL- WOOD AND WOOD PRODUCTS	Decorative Plywood	b) Moisture content	IS 1734 Part I
54	MECHANICAL- WOOD AND WOOD PRODUCTS	Decorative Plywood	c) Resistance to water (cyclic test)	IS 1328
55	MECHANICAL- WOOD AND WOOD PRODUCTS	Fire Retardant Plywood	(a) Dimensions & Tolerance ii) Width, mm	IS 5509

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56	MECHANICAL- WOOD AND WOOD PRODUCTS	Fire Retardant Plywood	(a) Dimensions & Tolerance i) Length,mm	IS 5509
57	MECHANICAL- WOOD AND WOOD PRODUCTS	Fire Retardant Plywood	(a) Dimensions & Tolerance iii)Thickness, mm	IS 5509
58	MECHANICAL- WOOD AND WOOD PRODUCTS	Fire Retardant Plywood	(a) Dimensions & Tolerance iv) Squareness, mm	IS 5509 Annex A
59	MECHANICAL- WOOD AND WOOD PRODUCTS	Fire Retardant Plywood	g) Flame Penetration, min	IS 1734 Part 3
60	MECHANICAL- WOOD AND WOOD PRODUCTS	Fire Retardant Plywood	(a) Dimensions & Tolerance v) Edge Straightness, mm	IS 5509 Annex A
61	MECHANICAL- WOOD AND WOOD PRODUCTS	Fire Retardant Plywood	b) Glue adhesion i)Resistance to water (cyclic test)	IS 1734 Part 6
62	MECHANICAL- WOOD AND WOOD PRODUCTS	Fire Retardant Plywood	b) Glue adhesion ii) Adhesion of Plies	IS 1734 Part 5
63	MECHANICAL- WOOD AND WOOD PRODUCTS	Fire Retardant Plywood	c) Moisture content, %	IS 1734 Part1
64	MECHANICAL- WOOD AND WOOD PRODUCTS	Fire Retardant Plywood	d) MOE, N/mm2 i)Along the grain	IS 1734 Part 11
65	MECHANICAL- WOOD AND WOOD PRODUCTS	Fire Retardant Plywood	d) MOE, N/mm2 ii)Across the grain	IS 1734 Part 11
66	MECHANICAL- WOOD AND WOOD PRODUCTS	Fire Retardant Plywood	e) MOR, N/mm2 i) Along the grain	IS 1734 Part 11
67	MECHANICAL- WOOD AND WOOD PRODUCTS	Fire Retardant Plywood	e) MOR,N/mm2 ii) Across the grain	IS 1734 Part 11
68	MECHANICAL- WOOD AND WOOD PRODUCTS	Fire Retardant Plywood	f) Flammability, min	IS 1734 Part 1
69	MECHANICAL- WOOD AND WOOD PRODUCTS	Fire Retardant Plywood	h) Rate of Burning, min	IS 1734 Part 3
70	MECHANICAL- WOOD AND WOOD PRODUCTS	Marine Plywood	(a) Dimensions & Tolerance v) Edge Straightness, mm	IS 710 Annex B
71	MECHANICAL- WOOD AND WOOD PRODUCTS	Marine Plywood	(a) Dimensions & Tolerance ii) Width,mm	IS 710
72	MECHANICAL- WOOD AND WOOD PRODUCTS	Marine Plywood	(a) Dimensions & Tolerance iii) Thickness, mm	IS 710
73	MECHANICAL- WOOD AND WOOD PRODUCTS	Marine Plywood	(a) Dimensions & Tolerance iv) Squareness, mm	IS 710 Annex B
74	MECHANICAL- WOOD AND WOOD PRODUCTS	Marine Plywood	(a) Dimensions & Tolerance i)Length, mm	IS 710

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75	MECHANICAL- WOOD AND WOOD PRODUCTS	Marine Plywood	(c) Glue adhesion strength in dry state ii)Adhesion of plies (Knife test)	IS 1734 Part 5
76	MECHANICAL- WOOD AND WOOD PRODUCTS	Marine Plywood	(c) Glue adhesion in dry state i)GSS, N	IS 1734 Part 4
77	MECHANICAL- WOOD AND WOOD PRODUCTS	Marine Plywood	(d) Resistance to water (After 72 hr. of boiling) i) Glue shear strength,N	IS 1734 Part 4 & Part 6
78	MECHANICAL- WOOD AND WOOD PRODUCTS	Marine Plywood	(d) Resistance to water (After 72 hr. of boiling) ii) Adhesion of plies (Knife test)	IS 1734 Part 5 & Part 6
79	MECHANICAL- WOOD AND WOOD PRODUCTS	Marine Plywood	(e) Resistance to Microorganism i) Glue shear strength, N	IS 1734 Part 4 & Part 7
80	MECHANICAL- WOOD AND WOOD PRODUCTS	Marine Plywood	(e) Resistance to Microorganism ii) Adhesion of plies (Knife test)	IS 1734 Part 5 & Part 7
81	MECHANICAL- WOOD AND WOOD PRODUCTS	Marine Plywood	(f) Tensile Strength, N/mm2 i) Along the grain	IS 1734 Part 9
82	MECHANICAL- WOOD AND WOOD PRODUCTS	Marine Plywood	(f) Tensile Strength, N/mm2 ii) Across the grain	IS 1734 Part 9
83	MECHANICAL- WOOD AND WOOD PRODUCTS	Marine Plywood	(g) Bending Strength 1) MOE, N/mm2 i) Along	IS 1734 Part 11
84	MECHANICAL- WOOD AND WOOD PRODUCTS	Marine Plywood	(g) Bending Strength 1) MOE, N/mm2 ii) Across	IS 1734 Part 11
85	MECHANICAL- WOOD AND WOOD PRODUCTS	Marine Plywood	(g) Bending Strength 2) MOR, N/mm2 i) Along	IS 1734 Part 11
86	MECHANICAL- WOOD AND WOOD PRODUCTS	Marine Plywood	(g) Bending Strength 2) MOR, N/mm2 ii) Across	IS 1734 Part 11
87	MECHANICAL- WOOD AND WOOD PRODUCTS	Marine Plywood	(h) Wet Bending Strength (1) MOE, N/mm2 i) Along	IS 1734 Part 11
88	MECHANICAL- WOOD AND WOOD PRODUCTS	Marine Plywood	(h) Wet Bending Strength (1) MOE, N/mm2 ii)Across	IS 1734 Part 11
89	MECHANICAL- WOOD AND WOOD PRODUCTS	Marine Plywood	(h) Wet Bending Strength (1) MOR,N/mm2 i)Along	IS 1734 Part 11
90	MECHANICAL- WOOD AND WOOD PRODUCTS	Marine Plywood	(h) Wet Bending Strength (2) MOR, N/mm2 ii) Across	IS 1734 Part 11
91	MECHANICAL- WOOD AND WOOD PRODUCTS	Marine Plywood	b) Moisture content, %	IS 1734 Part 1

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92	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood for concrete shuttering work	(a) Dimensions & Tolerance ii) Width,mm	IS 4990
93	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood for concrete shuttering work	(g) Static Bending Strength 2) Modulus of Rupture, N/mm2 i) Along the grain	IS 1734 Part 11
94	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood for concrete shuttering work	(a) Dimensions & Tolerance iii) Thickness, mm	IS 4990
95	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood for concrete shuttering work	(a) Dimensions & Tolerance iv) Squareness, mm	IS 4990
96	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood for concrete shuttering work	(b) Moisture content	IS 1734 Part 1
97	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood for concrete shuttering work	(c) Glue adhesion strength in dry state i) GSS, N	IS 1734 Part 4
98	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood for concrete shuttering work	(c) Glue adhesion strength in dry state ii) Adhesion of plies (Knife test)	IS 1734 Part 5
99	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood for concrete shuttering work	(d) Resistance to water (After 72 hr. of boiling) ii) Adhesion of plies (Knife test)	IS 1734 Part 5 & Part 6
100	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood for concrete shuttering work	(d) Resistance to water i) GSS,N	IS 1734 Part 4 & Part 6
101	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood for concrete shuttering work	(e) Resistance to Microorganism ii)Adhesion of plies (Knife test)	IS 1734 Part 5 & Part 7
102	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood for concrete shuttering work	(e) Resistance to Microorganism i) GSS, N	IS 1734 Part 4 & Part 7
103	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood for concrete shuttering work	(f) Tensile Strength, N/mm2 ii) Across the grain	IS 1734 Part 9
104	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood for concrete shuttering work	(g) Static Bending Strength 1) Modulus of elasticity, N/mm2 i) Along the grain	IS 1734 Part 11
105	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood for concrete shuttering work	(g) Static Bending Strength 1) Modulus of elasticity, N/mm2 ii)Across the grain	IS 1734 Part 11
106	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood for concrete shuttering work	(g) Static Bending Strength 2) Modulus of Rupture, N/mm2 ii) Across the grain	IS 1734 Part 11
107	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood for concrete shuttering work	(h) Wet Bending Strength (1) Modulus of elasticity, N/mm2 i) Along the grain	IS 1734 Part 11

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108	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood for concrete shuttering work	(h) Wet Bending Strength (1) Modulus of elasticity, N/mm2 ii) Across the grain	IS 1734 Part 11
109	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood for concrete shuttering work	(h) Wet Bending Strength (2) Modulus of Rupture, N/mm2 i) Along the grain	IS 1734 Part 11
110	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood for concrete shuttering work	(h) Wet Bending Strength (2) Modulus of Rupture, N/mm2 ii) Across the grain	IS 1734 Part 11
111	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood for concrete shuttering work	a) Dimensions and Tolerance, mm i) Length	IS 4990
112	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood for concrete shuttering work	a) Dimensions and Tolerance, mm v) Edge Straightness	IS 4990
113	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood for concrete shuttering works	(f) Tensile Strength, N/mm2 i) Along the grain	IS 1734 Part 9
114	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood for General Purposes	e) Modulus of Rupture, N/mm2i) Along the grain	IS 1734 Part 11
115	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood for General Purposes	e) Modulus of Rupture, N/mm2ii) Across the grain	IS 1734 Part 11
116	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood for General Purpose	a) Dimensions and Tolerance, mm i) Length	IS 303
117	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood for General Purpose	a) Dimensions and Tolerance, mm ii) Width	IS 303
118	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood For General Purpose	a) Dimensions and Tolerance, mm iii) Thickness	IS 303
119	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood for General Purpose	a) Dimensions and Tolerance, mm iv)Squareness	IS 303 Annex C
120	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood for General Purpose	a) Dimensions and Tolerance, mm v) Edge Straightness	IS 303 Annex C
121	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood for General Purpose	b) Glue adhesion i) Resistance to water(cyclic test)	IS 1734 Part 6
122	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood for General Purpose	b) Glue adhesion ii) Adhesion of Plies	IS 1734 Part 5
123	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood for General Purpose	b) Glue Adhesioniii) Resistance to Microorganisms, Adhesion of plies	IS 1734 Part 7
124	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood for General Purpose	c) Moisture content	IS 1734 Part 1

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125	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood for General Purpose	d) Modulus of elasticity,N/mm2 i) Along the grain	IS 1734 Part 11
126	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood for General Purpose	d) Modulus of elasticity,N/mm2 ii) Across the grain	IS 1734 Part 11