National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : CENTER FOR TESTING AND EVALUATION OF WOOD COMPOSITES, IPIRTI, TUMKUR ROAD, YASHWANTPUR, BENGALURU, KARNATAKA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9178 **Page No** 1 of 5

Validity 30/12/2020 to 29/12/2022 **Last Amended on** -

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	CHEMICAL- ADHESIVES	Phenolic and Amino resin	Acidity or alkaline (pH of the crude film)	IS 848
2	CHEMICAL- ADHESIVES	Phenolic and Amino resin	BWR Grade (BOILING WATER RESISTANT) 3 cycles: Each cycle consisting of 8 hours boiling in water and thereafter drying at 65+-2 degree Celsius for 16 hours	IS 848
3	CHEMICAL- ADHESIVES	Phenolic and amino resins	MR Grade (MOISTURE RESISTANT) 3 cycles: Each cycle consisting of 3 hours at 60+- 2 degree Celsius in water and thereafter drying at 65+-2 degree Celsius for 8 hours	IS 848
4	CHEMICAL- BUILDING MATERIAL	Marine plywood	Moisture content	IS 1734 (Part I)
5	CHEMICAL- BUILDING MATERIAL	Marine plywood	Total preservative chemical retention Arsenic	IS 2753
6	CHEMICAL- BUILDING MATERIAL	Marine plywood	Total preservative chemical retention Boron	IS 2753
7	CHEMICAL- BUILDING MATERIAL	Marine plywood	Total preservative chemical retention Chromium	IS 2753
8	CHEMICAL- BUILDING MATERIAL	Marine plywood	Total preservative chemical retention Copper	IS 2753
9	CHEMICAL- BUILDING MATERIAL	Shuttering plywood	Moisture content	IS 1734 (Part I)
10	CHEMICAL- BUILDING MATERIAL	Shuttering plywood	Total preservative chemical retention Arsenic	IS 2753
11	CHEMICAL- BUILDING MATERIAL	Shuttering plywood	Total preservative chemical retention Boron	IS 2753
12	CHEMICAL- BUILDING MATERIAL	Shuttering plywood	Total preservative chemical retention Chromium kg/cubic meter	IS 2753
13	CHEMICAL- BUILDING MATERIAL	Shuttering plywood	Total preservative chemical retention Copper	IS 2753
14	MECHANICAL- BUILDINGS MATERIALS	Flush door	Buckling test	IS 4020 (Part 9)
15	MECHANICAL- BUILDINGS MATERIALS	Flush door	Edge loading test	IS 4020 (Part 7)

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Certificate Number TC-9178 **Page No** 2 of 5

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16	MECHANICAL- BUILDINGS MATERIALS	Flush door	End immersion test	IS 4020 (Part 13)
17	MECHANICAL- BUILDINGS MATERIALS	Flush door	Flexure test	IS 4020 Part 6
18	MECHANICAL- BUILDINGS MATERIALS	Flush door	General flatness	IS 4020 (Part 3)
19	MECHANICAL- BUILDINGS MATERIALS	Flush door	Glue adhesion test	IS 4020 (Part 15)
20	MECHANICAL- BUILDINGS MATERIALS	Flush door	Impact indentation	IS 4020 (Part 5)
21	MECHANICAL- BUILDINGS MATERIALS	Flush door	Knife test	IS 4020 (Part 14)
22	MECHANICAL- BUILDINGS MATERIALS	Flush door	Local planeness	IS 4020 (Part 4)
23	MECHANICAL- BUILDINGS MATERIALS	Flush door	Measurement of dimensions	IS 4020 (Part 2)
24	MECHANICAL- BUILDINGS MATERIALS	Flush door	Misuse test	IS 4020 (Part 11)
25	MECHANICAL- BUILDINGS MATERIALS	Flush door	Screw withdrawal strength	IS 4020 (Part 16)
26	MECHANICAL- BUILDINGS MATERIALS	Flush door	Shock resistance test	IS 4020 (Part 8)
27	MECHANICAL- BUILDINGS MATERIALS	Flush door	Slamming test	IS 4020 (Part 10)
28	MECHANICAL- BUILDINGS MATERIALS	Flush door	Squareness	IS 4020 (Part 2)
29	MECHANICAL- BUILDINGS MATERIALS	Flush door	Thickness	IS 4020 (Part 2)
30	MECHANICAL- BUILDINGS MATERIALS	Flush door	Varying humidity	IS 4020 (Part 12)
31	MECHANICAL- BUILDINGS MATERIALS	Flush door	varying humidity dimension recovery	IS 4020 (Part 12)
32	MECHANICAL- BUILDINGS MATERIALS	Flush door	Varying Humidity Max departure	IS 4020 (Part 12)
33	MECHANICAL- BUILDINGS MATERIALS	Flush door	varying humidity test	IS 4020 (Part 12)
34	MECHANICAL- WOOD AND WOOD PRODUCTS	Block board	Adhesion of plies	IS 1659

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Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9178 **Page No** 3 of 5

Validity 30/12/2020 to 29/12/2022 **Last Amended on** -

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35	MECHANICAL- WOOD AND WOOD PRODUCTS	Block board	Dimensional changes caused by humidity	IS 1659
36	MECHANICAL- WOOD AND WOOD PRODUCTS	Block board	Dimensional changes caused by humidity	IS 1659
37	MECHANICAL- WOOD AND WOOD PRODUCTS	Block board	Modulus of elasticity	IS 1659
38	MECHANICAL- WOOD AND WOOD PRODUCTS	Block board	Modulus of rupture	IS 1659
39	MECHANICAL- WOOD AND WOOD PRODUCTS	Block board	Mycological test	IS 1659
40	MECHANICAL- WOOD AND WOOD PRODUCTS	Block board	Resistance to water	IS 1659
41	MECHANICAL- WOOD AND WOOD PRODUCTS	General purpose plywood	Modulus of elasticity, Across the grain	IS 1734 (Part 11)
42	MECHANICAL- WOOD AND WOOD PRODUCTS	General purpose plywood	Modulus of elasticity, Along the grain	IS 1734 (Part 11)
43	MECHANICAL- WOOD AND WOOD PRODUCTS	General purpose plywood	Modulus of Rupture Across the grain	IS 1734 (Part 11)
44	MECHANICAL- WOOD AND WOOD PRODUCTS	General purpose plywood	Modulus of Rupture, Along the grain	IS 1734 (Part 11)
45	MECHANICAL- WOOD AND WOOD PRODUCTS	General purpose plywood	Moisture content	IS 1734 (Part I)
46	MECHANICAL- WOOD AND WOOD PRODUCTS	General purpose plywood	Resistance to Micro-organisms, Adhesion of plies	IS 1734 (Part 7)
47	MECHANICAL- WOOD AND WOOD PRODUCTS	General purpose plywood	Resistance to water (cyclic test) Adhesion of piles	IS 1734 (Part 5)
48	MECHANICAL- WOOD AND WOOD PRODUCTS	Marine plywood	Density	IS 1734 (Part I)
49	MECHANICAL- WOOD AND WOOD PRODUCTS	Marine plywood	Glue adhesion strength in dry state Adhesion of plies (Knife test)	IS 1734 (Part 5)
50	MECHANICAL- WOOD AND WOOD PRODUCTS	Marine plywood	Glue adhesion strength in dry state Glue shear strength	IS 1734 (Part 4)
51	MECHANICAL- WOOD AND WOOD PRODUCTS	Marine plywood	Modulus of elasticity Across the grain	IS 1734 (Part 11)
52	MECHANICAL- WOOD AND WOOD PRODUCTS	Marine plywood	Modulus of elasticity Along the grain	IS 1734 (Part 11)

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Certificate Number TC-9178 **Page No** 4 of 5

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53	MECHANICAL- WOOD AND WOOD PRODUCTS	Marine plywood	Modulus of Rupture Along the grain	IS 1734 (Part 11)
54	MECHANICAL- WOOD AND WOOD PRODUCTS	Marine plywood	Modulus of Rupture ii. Across the grain	IS 1734 (Part 11)
55	MECHANICAL- WOOD AND WOOD PRODUCTS	Marine plywood	Moisture content	IS 1734 (Part I)
56	MECHANICAL- WOOD AND WOOD PRODUCTS	Marine plywood	Mycological test Adhesion of plies (Knife test)	IS 1734 (Part 7)
57	MECHANICAL- WOOD AND WOOD PRODUCTS	Marine plywood	Mycological test Glue shear strength	IS 1734 (Part 4)
58	MECHANICAL- WOOD AND WOOD PRODUCTS	Marine plywood	Resistance to water (After 72 hr. of boiling) Adhesion of plies (Knife test)	IS 1734 (Part 6)
59	MECHANICAL- WOOD AND WOOD PRODUCTS	Marine plywood	Resistance to water (After 72 hr. of boiling) Glue shear strength	IS 1734 (Part 4)
60	MECHANICAL- WOOD AND WOOD PRODUCTS	Marine plywood	Tensile test Across the grain	IS 1734 (Part 9)
61	MECHANICAL- WOOD AND WOOD PRODUCTS	Marine plywood	Tensile test Along the grain	IS 1734 (Part 9)
62	MECHANICAL- WOOD AND WOOD PRODUCTS	Shuttering plywood	Density	IS 1734 (Part I)
63	MECHANICAL- WOOD AND WOOD PRODUCTS	Shuttering plywood	Glue adhesion strength in dry state Adhesion of plies (Knife test)	IS 1734 (Part 5)
64	MECHANICAL- WOOD AND WOOD PRODUCTS	Shuttering plywood	Glue adhesion strength in dry state Glue shear strength	IS 1734 (Part 4)
65	MECHANICAL- WOOD AND WOOD PRODUCTS	Shuttering plywood	Modulus of elasticity Across the grain	IS 1734 (Part 11)
66	MECHANICAL- WOOD AND WOOD PRODUCTS	Shuttering plywood	Modulus of elasticity Along the grain	IS 1734 (Part 11)
67	MECHANICAL- WOOD AND WOOD PRODUCTS	Shuttering plywood	Modulus of Rupture Across the grain	IS 1734 (Part 11)
68	MECHANICAL- WOOD AND WOOD PRODUCTS	Shuttering plywood	Modulus of Rupture Along the grain	IS 1734 (Part 11)
69	MECHANICAL- WOOD AND WOOD PRODUCTS	Shuttering plywood	Moisture content	IS 1734 (Part I)
70	MECHANICAL- WOOD AND WOOD PRODUCTS	Shuttering plywood	Mycological test Adhesion of plies (Knife test)	IS 1734 (Part 7)

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Certificate Number TC-9178 **Page No** 5 of 5

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71	MECHANICAL- WOOD AND WOOD PRODUCTS	Shuttering plywood	Mycological test Glue shear strength	IS 1734 (Part 7)
72	MECHANICAL- WOOD AND WOOD PRODUCTS	Shuttering plywood	Resistance to water (After 72 hr. of boiling) Adhesion of plies (Knife test)	IS 1734 (Part 6)
73	MECHANICAL- WOOD AND WOOD PRODUCTS	Shuttering plywood	Resistance to water (After 72 hr. of boiling) Glue shear strength	IS 1734 (Part 4)
74	MECHANICAL- WOOD AND WOOD PRODUCTS	Shuttering plywood	Tensile test Across the grain	IS 1734 (Part 9)
75	MECHANICAL- WOOD AND WOOD PRODUCTS	Shuttering plywood	Tensile test Along the grain	IS 1734 (Part 9)