National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : BHARAT TEST HOUSE, 26, WAZIRPUR INDUSTRIAL AREA, WAZIRPUR, NEW DELHI, DELHI, INDIA

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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	CHEMICAL- BUILDING MATERIAL	Admixture	Ash Content	IS 9103
2	CHEMICAL- BUILDING MATERIAL	Admixture	Chloride ion content	IS 6925
3	CHEMICAL- BUILDING MATERIAL	Admixture	Dry material content	IS 9103
4	CHEMICAL- BUILDING MATERIAL	Admixture	pH	IS 9103
5	CHEMICAL- BUILDING MATERIAL	Admixture	Relative Density	IS 9103
6	CHEMICAL- BUILDING MATERIAL	Block Boards	Spot test	IS 1659
7	CHEMICAL- BUILDING MATERIAL	Cement	Alumina	IS 4032
8	CHEMICAL- BUILDING MATERIAL	Cement	Calcium oxide	IS 4032
9	CHEMICAL- BUILDING MATERIAL	Cement	Chloride Content	IS 4032
10	CHEMICAL- BUILDING MATERIAL	Cement	Insoluble residue	IS 4032
11	CHEMICAL- BUILDING MATERIAL	Cement	Iron oxide	IS 4032
12	CHEMICAL- BUILDING MATERIAL	Cement	Loss on ignition	IS 4032
13	CHEMICAL- BUILDING MATERIAL	Cement	Magnesium Oxide	IS 4032
14	CHEMICAL- BUILDING MATERIAL	Cement	Potassium Oxide	IS:4032
15	CHEMICAL- BUILDING MATERIAL	Cement	Silica	IS 4032
16	CHEMICAL- BUILDING MATERIAL	Cement	Sodium Oxide	IS:4032
17	CHEMICAL- BUILDING MATERIAL	Cement	Total Sulphur Content Calculated as SO3	IS 4032
18	CHEMICAL- BUILDING MATERIAL	Coarse Aggregates/ Fine Aggregates	Organic Impurities	IS 2386-2

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19	CHEMICAL- BUILDING MATERIAL	Coarse Aggregates/ Fine Aggregates	Sulphate	BS EN 1744-1, IS: 4032
20	CHEMICAL- BUILDING MATERIAL	Coarse Aggregates/Fine Aggregates	Alkali (Potassium Oxide)	IS 4032
21	CHEMICAL- BUILDING MATERIAL	Coarse Aggregates/Fine Aggregates	Alkali (Sodium Oxide)	IS:4032
22	CHEMICAL- BUILDING MATERIAL	Coarse Aggregates/Fine Aggregates	Alkali reactivity of aggregates-Alkalinity	IS:2386 (Part-7)
23	CHEMICAL- BUILDING MATERIAL	Coarse Aggregates/Fine Aggregates	Alkali reactivity of aggregates-Silica	IS:2386 (Part-7)
24	CHEMICAL- BUILDING MATERIAL	Coarse Aggregates/Fine Aggregates	Chloride	BS EN 1744-1:+A1, IS: 4032
25	CHEMICAL- BUILDING MATERIAL	Fly Ash	Alumina oxide	IS 1727
26	CHEMICAL- BUILDING MATERIAL	Fly Ash	Iron Oxide	IS 1727
27	CHEMICAL- BUILDING MATERIAL	Fly Ash	Loss on Ignition	IS 1727
28	CHEMICAL- BUILDING MATERIAL	Fly Ash	Magnesium oxide	IS 1727
29	CHEMICAL- BUILDING MATERIAL	Fly Ash	Silicon dioxide	IS 1727
30	CHEMICAL- BUILDING MATERIAL	Fly Ash	Total Sulphur	IS 1727
31	CHEMICAL- METALS & ALLOYS	Low Alloy Steel & Alloy steel	Carbon	IS:228 (Part-1)
32	CHEMICAL- METALS & ALLOYS	Low alloy Steel & alloy steel	Manganese	IS 228 (part 2)
33	CHEMICAL- METALS & ALLOYS	Low alloy Steel & alloy steel	Phosphorus	IS 228 (part 3)
34	CHEMICAL- METALS & ALLOYS	Low Alloy Steel & alloy steel	Silicon	IS 228 (part 8)
35	CHEMICAL- METALS & ALLOYS	Low alloy Steel & alloy steel	sulphur	IS 228
36	CHEMICAL- METALS & ALLOYS	Stainess steel	Nickel	IS 228 (part 5)
37	CHEMICAL- METALS & ALLOYS	stainless steel	Carbon	IS:228 (Part-1)

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38	CHEMICAL- METALS & ALLOYS	Stainless steel	Chromium	IS 228 (part 6)
39	CHEMICAL- METALS & ALLOYS	Stainless steel	Manganese	IS 228 (part 2)
40	CHEMICAL- METALS & ALLOYS	stainless steel	Mollybdenum	IS 228 (part 7)
41	CHEMICAL- METALS & ALLOYS	Stainless steel	Phosphorus	IS 228 (part 3)
42	CHEMICAL- METALS & ALLOYS	stainless steel	Silicon	IS 228 (part 8)
43	CHEMICAL- METALS & ALLOYS	stainless Steel	Sulphur	IS 228 (Part 9)
44	CHEMICAL- WATER	Water for construction purpose	Acidity	IS 3025: Part 22
45	CHEMICAL- WATER	Water for construction purpose	Alkalinity	IS 3025: Part 23
46	CHEMICAL- WATER	Water for construction purpose	Chloride	IS 3025: Part 32
47	CHEMICAL- WATER	Water for construction purpose	Inorganic Solid	IS 3025: Part 18
48	CHEMICAL- WATER	Water for construction purpose	Organic Solid	IS 3025: Part 18
49	CHEMICAL- WATER	Water for construction purpose	pH Value	IS 3025: Part 11
50	CHEMICAL- WATER	Water for construction purpose	Sulphate	IS 3025: Part 24
51	CHEMICAL- WATER	Water for construction purpose	Total Suspended Matter	IS 3025: Part 17
52	MECHANICAL- BUILDINGS MATERIALS	AAC Block	Compressive Strength	IS 6441: Part 5
53	MECHANICAL- BUILDINGS MATERIALS	AAC Block	Density	IS 6441: Part 1
54	MECHANICAL- BUILDINGS MATERIALS	AAC Block	Dimension (Height)	IS: 2185 (Part-3)
55	MECHANICAL- BUILDINGS MATERIALS	AAC Block	Dimension (Width)	IS:2185 (Part-3)
56	MECHANICAL- BUILDINGS MATERIALS	AAC Block	Dimensions (Length)	IS 2185: Part 3
57	MECHANICAL- BUILDINGS MATERIALS	AAC BLOCK	Drying shrinkage	IS 6441 PART 2
58	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Ductility	IS 1208
59	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Flash Point	IS: 1209

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60	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Penetration	IS 1203
61	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Softening Point	IS 1205
62	MECHANICAL- BUILDINGS MATERIALS	Bituminous Concrete Mix	Binder content	IRC SP11:
63	MECHANICAL- BUILDINGS MATERIALS	Brick	Compressive Strength	IS 3495: Part 1
64	MECHANICAL- BUILDINGS MATERIALS	Brick	Dimension (Height)	IS 1077
65	MECHANICAL- BUILDINGS MATERIALS	Brick	Dimension (Length)	IS 1077
66	MECHANICAL- BUILDINGS MATERIALS	Brick	Dimension (Width)	IS 1077
67	MECHANICAL- BUILDINGS MATERIALS	Brick	Efflorescence	IS 3495: Part 3
68	MECHANICAL- BUILDINGS MATERIALS	Brick	Water absorption	IS 3495: Part 2
69	MECHANICAL- BUILDINGS MATERIALS	Cement	Compressive strength	IS 4031: Part 6
70	MECHANICAL- BUILDINGS MATERIALS	Cement	Consistency	IS 4031: Part 4
71	MECHANICAL- BUILDINGS MATERIALS	Cement	Density	IS 4031: Part 11
72	MECHANICAL- BUILDINGS MATERIALS	Cement	Drying shrinkage	IS 4031: Part 10
73	MECHANICAL- BUILDINGS MATERIALS	Cement	Final setting time	IS 4031: Part 5
74	MECHANICAL- BUILDINGS MATERIALS	Cement	Fineness by Blaine	IS 4031: Part 2
75	MECHANICAL- BUILDINGS MATERIALS	Cement	Fineness by dry sieving	IS 4031: Part 1
76	MECHANICAL- BUILDINGS MATERIALS	Cement	Initial setting time	IS 4031: Part 5
77	MECHANICAL- BUILDINGS MATERIALS	Cement	Soundness (Autoclave Method)	IS 4031: Part 3
78	MECHANICAL- BUILDINGS MATERIALS	Cement	Soundness (Le-chatelier Method)	IS 4031 Part 3

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79	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete tile	Water absorption	IS 1237
80	MECHANICAL- BUILDINGS MATERIALS	Cement concrete Tiles	Resistance to wear	IS 1237
81	MECHANICAL- BUILDINGS MATERIALS	Cement concrete Tiles	Wet Tranverse Strength	IS 1237
82	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tile/vertified Tile	Chemical resistance	IS 13630 : Part 8
83	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tile/vertified Tile	Modulus of rupture	IS 13630: Part 6
84	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tile/vertified Tile	Scratch Hardness	IS 13630 : Part 12
85	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tile/vertified Tile	Water absorption	IS 13630 : Part 2
86	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	10% Fines Value	IS 2386 : Part 4
87	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Abrasion value	IS 2386: Part 4
88	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Bulk Density	IS 2386: Part 3
89	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Crushing Value	IS 2386: Part 4
90	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Deleterious Material - Clay Lumps	IS 2386: Part 2
91	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Deleterious Material -Coal and Lignite	IS 2386: Part 2
92	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Deleterious Material Material finer than 75 micron	IS 2386: Part 1
93	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Elongation Index	IS 2386: Part 1
94	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Flakiness Index	IS 2386: Part 1
95	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Impact Value	IS 2386: Part 4
96	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Moisture Content	IS 2386: Part 3
97	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Sieve Analysis (2.36mm to 80 mm)	IS:2386 (Part-1)

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98	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Soundness	IS 2386: Part 5
99	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Specific Gravity	IS 2386: Part 3
100	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Water Absorption	IS 2386: Part 3
101	MECHANICAL- BUILDINGS MATERIALS	Concrete Cube	Compressive Strength	IS 516
102	MECHANICAL- BUILDINGS MATERIALS	Concrete Paver Block	Abrasion Resistance	IS 15658
103	MECHANICAL- BUILDINGS MATERIALS	Concrete Paver Block	Compressive Strength	IS 15658
104	MECHANICAL- BUILDINGS MATERIALS	Concrete Paver Block	Dimension	IS 15658
105	MECHANICAL- BUILDINGS MATERIALS	Concrete Paver Block	Visual Inspection	IS 15658
106	MECHANICAL- BUILDINGS MATERIALS	Concrete Paver Block	water absorption	IS 15658
107	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulk Density	IS 2386: Part 3
108	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulking of Fine aggregate	IS 2386: Part 3
109	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Deleterious Material - Clay lumps	IS 2386: Part 2
110	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Deleterious Material - Coal and lignite	IS 2386: Part 2
111	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Deleterious Material - Organic impurities	IS 2386: Part 2
112	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Deleterious Material- Material finer than 75 micron	IS 2386: Part 1
113	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Sieve Analysis (150 micron to 10mm)	IS 2386: Part 1
114	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Soundness	IS 2386: Part 5
115	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Specific Gravity	IS 2386: Part 3
116	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Water Absorption	IS 2386: Part 3

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117	MECHANICAL- BUILDINGS MATERIALS	Fly ash	Compressive strength	IS 1727
118	MECHANICAL- BUILDINGS MATERIALS	Fly ash	Density	IS 1727
119	MECHANICAL- BUILDINGS MATERIALS	Fly ash	Drying shrinkage	IS 1727
120	MECHANICAL- BUILDINGS MATERIALS	Fly ash	Fineness by Blaine	IS 1727
121	MECHANICAL- BUILDINGS MATERIALS	Fly ash	Lime reactivity	IS 1727
122	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Retained on 45 microne IS sieve	IS 1727
123	MECHANICAL- BUILDINGS MATERIALS	Fly ash	Soundness by Autoclave	IS 1727
124	MECHANICAL- BUILDINGS MATERIALS	Kerb Stone	Compressive Strength	IS: 516
125	MECHANICAL- BUILDINGS MATERIALS	Man hole Cover and frame	Dimension	EN 124, EN 124 (ART 1 TO 6), IS 12592
126	MECHANICAL- BUILDINGS MATERIALS	Manhole cover and Frame	Load test	EN 124, EN 124 (PART1 TO 6), IS:12592
127	MECHANICAL- BUILDINGS MATERIALS	MANHOLE COVER AND FRAME	Permanent set	EN 124, EN 124 (PART 1 T0 6), IS12592
128	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforcement Steel Bar GI Pipe,Structural Steel, Galvanized Steel Sheet, steel Tube ,MS pipe,Hollow steel section ,stainless steel plate ,Sheet,Strip	Tensile strength	IS1608 (Part 1)
129	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforcement Steel Bar	Mass per Meter	IS:1786
130	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforcement Steel Bar (All grade up to 40 mm diameter)	Bend	IS:1599, IS:2329
131	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforcement Steel Bar (All grade up to 40 mm Diameter)	Rebend	IS:1599, IS:1786
132	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforcement Steel Bar GI Pipe,Structural Steel, Galvanized Steel Sheet, steel Tube ,MS pipe,Hollow steel section ,stainless steel plate ,Sheet,Strip	Bend	IS:1599
133	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforcement Steel Bar GI Pipe,Structural Steel, Galvanized Steel Sheet, steel Tube ,MS pipe,Hollow steel section ,stainless steel plate ,Sheet,Strip	Elongation	IS:1608 (part 1)

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134	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Reinforcement Steel Bar GI Pipe,Structural Steel, Galvanized Steel Sheet, steel Tube ,MS pipe,Hollow steel section ,stainless steel plate ,Sheet,Strip	Yield Strength	IS:1608 (part -1)
135	MECHANICAL- WOOD AND WOOD PRODUCTS	Block Board	Adhesion of piles	Annex H of IS 1659:2004 RA
136	MECHANICAL- WOOD AND WOOD PRODUCTS	Block Board	Dimensional Change Caused by humidity	Annex F of IS 1659:2004 RA
137	MECHANICAL- WOOD AND WOOD PRODUCTS	Block Board	Edge Straightness	IS 1659:2004 RA
138	MECHANICAL- WOOD AND WOOD PRODUCTS	Block Board	Length	IS 1659:2004
139	MECHANICAL- WOOD AND WOOD PRODUCTS	Block Board	Modulus of Elasticity	Annex K of IS 1659:2004 RA
140	MECHANICAL- WOOD AND WOOD PRODUCTS	Block Board	Modulus of Rupture	Annex K of IS 1659:2004 RA
141	MECHANICAL- WOOD AND WOOD PRODUCTS	Block Board	Resistance to Microorganism	Annex J of IS 1659:2004 RA
142	MECHANICAL- WOOD AND WOOD PRODUCTS	Block Board	Resistance to water	Annex G & Annex H of IS 1659:2004 RA
143	MECHANICAL- WOOD AND WOOD PRODUCTS	Block Board	Squareness	IS 1659:2004 RA
144	MECHANICAL- WOOD AND WOOD PRODUCTS	Block Board	Thickness	Annex E of IS 1659:2004 RA
145	MECHANICAL- WOOD AND WOOD PRODUCTS	Block Board	Width	IS 1659:2004 RA
146	MECHANICAL- WOOD AND WOOD PRODUCTS	Marine Plywood	Formaldehyde Content	IS 13745
147	MECHANICAL- WOOD AND WOOD PRODUCTS	Marine Plywood	Retention of preservative chemical - Boron	IS 2753: Part 1
148	MECHANICAL- WOOD AND WOOD PRODUCTS	Marine Plywood	Retention of preservative chemical - Chromium	IS 2753 : Part 1
149	MECHANICAL- WOOD AND WOOD PRODUCTS	Marine Plywood	Retention of preservative chemical - Copper Hexavalent	IS 2753 : Part 1 : 1991 RA:
150	MECHANICAL- WOOD AND WOOD PRODUCTS	Particle Boards of Wood and Other LIgnocelluosic	Formaldehyde Content	IS 13745 : 1993 RA:
151	MECHANICAL- WOOD AND WOOD PRODUCTS	Plain And Pre-Laminated Particle & Board	Density	IS 2380 : Part 3 : 1977 RA

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152	MECHANICAL- WOOD AND WOOD PRODUCTS	Plain And Pre-Laminated Particle & Board	Dimensions – Dubbing	IS 2380 : Part 2 :1977 RA
153	MECHANICAL- WOOD AND WOOD PRODUCTS	Plain And Pre-Laminated Particle & Board	Dimensions – Edge Straightness	IS 2380 : Part 2 :1977 RA
154	MECHANICAL- WOOD AND WOOD PRODUCTS	Plain And Pre-Laminated Particle & Board	Dimensions – Squareness	IS 2380 : Part 2 :1977 RA
155	MECHANICAL- WOOD AND WOOD PRODUCTS	Plain And Pre-Laminated Particle & Board	Dimensions – Thickness	IS 2380 : Part 2 :1977 RA
156	MECHANICAL- WOOD AND WOOD PRODUCTS	Plain And Pre-Laminated Particle & Board	Modulus of Elasticity	IS 2380 : Part 4 : 1977 RA
157	MECHANICAL- WOOD AND WOOD PRODUCTS	Plain And Pre-Laminated Particle & Board	Modulus of Rapture	IS 2380 : Part 4 : 1977 RA
158	MECHANICAL- WOOD AND WOOD PRODUCTS	Plain And Pre-Laminated Particle & Board	Moisture Content	IS 2380: Part 3
159	MECHANICAL- WOOD AND WOOD PRODUCTS	Plain And Pre-Laminated Particle & Board	Screw Withdrawal Strength	IS 2380 : Part 14 : 1977 RA
160	MECHANICAL- WOOD AND WOOD PRODUCTS	Plain And Pre-Laminated Particle & Board	Swelling Due To Surface Absorption	IS 2380 : Part 17 : 1977 RA
161	MECHANICAL- WOOD AND WOOD PRODUCTS	Plain And Pre-Laminated Particle & Board	Swelling in Water	IS 2380 : Part 17 : 1977 RA
162	MECHANICAL- WOOD AND WOOD PRODUCTS	Plain And Pre-Laminated Particle & Board	Tensile Strength Perpendicular to Surface	IS 2380 : Part 5 : 1977 RA
163	MECHANICAL- WOOD AND WOOD PRODUCTS	Plain And Pre-Laminated Particle & Board	Water Absorption	IS 2380 : Part 16 : 1977 RA
164	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood for Concrete Shuttering Work	Plywood for Concrete Shuttering Work	IS 2753 : Part 1 : 1991 RA:
165	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood for Concrete Shuttering Work	Retention of preservative chemical - Boron	IS 2753 : Part 1 : 1991 RA:
166	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood for Concrete Shuttering Work	Retention of preservative chemical - Chromium	IS 2753 : Part 1 : 1991 RA:
167	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood for Concrete Shuttering work Marine Plywood	Adhesion of piles (Knife test)	IS 1734 (Part 5):1983 RA
168	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood for Concrete Shuttering Work Marine Plywood	Dry Static Bending Strength-Modulus of Rupture (Across the grain)	IS 1734 (Part 11):1983 RA
169	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood for Concrete Shuttering Work Marine Plywood	Dry-Static Bending Strength-Modulus of Elasticity (Along the grain)	IS 1734 (Part 11):1983 RA

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170	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood for Concrete Shuttering Work Marine Plywood	Dry-Static Bending Strength-Modulus of Rupture (Along the grain)	IS 1734 (Part 11):1983 RA
171	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood for Concrete Shuttering Work Marine Plywood	Dry-Strength Bending Strength-Modulus of Rupture(Across the Grain)	IS 1734 (Part 11):1983 RA
172	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood for Concrete Shuttering work Marine Plywood	Edge Straightness	Annex C of IS 4990:2011 RA:2017, Annex B of IS 710:2010 RA
173	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood for Concrete Shuttering work Marine Plywood	Glue shear strength	IS 1734 (Part 4):1983 RA
174	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood for Concrete Shuttering work Marine Plywood	Length	IS 4990:2011 RA:2017,IS 710:2010 RA
175	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood for Concrete Shuttering work Marine Plywood	Moisture Content	Annex C of IS 1734 (Part 1):1983 RA
176	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood for Concrete shuttering work Marine Plywood	Resistance to Microorganism-Adhesion of piles (knife test)	IS 1734 (Part 5 & Part 6):1983 RA
177	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood for Concrete shuttering work marine plywood	Resistance to Microorganism-Glue shear strength	IS 1734 (Part 4 & Part 7):1983 RA
178	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood for Concrete Shuttering work Marine Plywood	Resistance to water-Adhesion of piles (knife test)	IS 1734 (Part 5 & Part 6):1983 RA
179	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood for Concrete Shuttering work Marine Plywood	Resistance to wear-Glue shear strength	IS 1734 (Part 4 & Part 6):1983 RA
180	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood for Concrete Shuttering work Marine Plywood	Squareness	Annex C of IS 4990:2011 RA:2017,Annex B of IS 710:2010 RA
181	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood for Concrete Shuttering Work Marine Plywood	Tensile Strength-Across the grain	IS 1734 (Part 9):1983 RA
182	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood for Concrete Shuttering Work Marine Plywood	Tensile Strength-Along the grain	IS 1734 (Part 9):1983 RA
183	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood for Concrete Shuttering work Marine Plywood	Thickness	IS 4990:2011 RA:2017,IS 710:2010 RA
184	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood for Concrete Shuttering Work Marine Plywood	Wet Bending Strength-Modulus of elasticity (Across the grain)	IS 4990:2011 RA
185	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood for Concrete Shuttering Work Marine Plywood	Wet Bending Strength-Modulus of Elasticity (Along the Grain)	IS 1734 (Part 11):1983 RA
186	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood for Concrete Shuttering Work Marine Plywood	Wet Bending Strength-Modulus of Rupture (Across the grain)	IS 1734 (Part 11):1983 RA 2018,Cl.10.1.8 of IS 4990:2011 RA:2017, Cl.9.1.7 of IS 710:2010 RA

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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
187	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood for Concrete Shuttering Work Marine Plywood	Wet Bending Strength-Modulus of Rupture (Along the grain)	IS 1734 (Part 11):1983 RA 2018,Cl.10.1.8 of IS 4990:2011 RA:2017, Cl.9.1.7 of IS 710:2010 RA
188	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood for Concrete Shuttering work Marine Plywood	Width	IS 4990:2010 RA:2017,IS 710:2010 RA
189	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood for General Purpose	Length	IS 303:1989 RA
190	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood for General Purpose	Modulus of elasticity- Along the grain	IS 1734 (Part 11):1983 RA
191	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood for General Purpose	Modulus of Elasticity-Across the grain	IS 1734 (Part 11):1983 RA
192	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood for General Purpose	Modulus of Rupture-Along the grain	IS 1734 (Part 11):1983 RA
193	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood for General Purpose	Squareness	Annex C of IS 303:1989 RA
194	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood for General Purposes	Adhesion of piles	IS 1734 (Part 5):1983 RA
195	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood for General Purposes	Edge Straightness	Annex C of IS 303:1989 RA
196	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood for General Purposes	Modulus of Rupture-Across the grain	IS 1734 (Part 11):1983 RA
197	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood for General Purposes	Moisture Content	IS 1734 (Part 1):1983 RA
198	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood for General Purposes	Resistance to Microorganism, Adhesion of piles	IS 1734 (Part 7):1983 RA
199	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood for General Purposes	Thickness	IS 303:1989 RA
200	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood for General Purposes	Width	IS 303:1989 RA
201	MECHANICAL- WOOD AND WOOD PRODUCTS	Structural Plywood	Retention of preservative chemical - Boron	IS 2753 : Part 1 : 1991 RA:
202	MECHANICAL- WOOD AND WOOD PRODUCTS	Structural Plywood	Retention of preservative chemical - Chromium	IS 2753 : Part 1 : 1991 RA:
203	MECHANICAL- WOOD AND WOOD PRODUCTS	Structural Plywood	Retention of preservative chemical - Copper Hexavalent	IS 2753 : Part 1 : 1991 RA:
204	MECHANICAL- WOOD AND WOOD PRODUCTS	Synthetic Resin Adhesive for Plywood (Phenolic and amino Plastic)	BWP GRADE (Cyclic Test) (Boiling Water Proof)	IS 848 : 2006 RA:

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205	MECHANICAL- WOOD AND WOOD PRODUCTS	Synthetic Resin Adhesive for Plywood (Phenolic and amino Plastic)	BWP GRADE (Cyclic Test) (Boiling Water Resistant)	IS 848 : 2006 RA:
206	MECHANICAL- WOOD AND WOOD PRODUCTS	Synthetic Resin Adhesive for Plywood (Phenolic and amino Plastic)	BWP GRADE (Cyclic Test) (Moisture Resistant)	IS 848 : 2006 RA:
207	MECHANICAL- WOOD AND WOOD PRODUCTS	Synthetic Resin Adhesive for Plywood (Phenolic and amino Plastic)	pH	IS 848 : 2006 RA:
208	MECHANICAL- WOOD AND WOOD PRODUCTS	Veneered Decorative Plywood	Edge Straightness	Annex C of IS 1328:1996 RA
209	MECHANICAL- WOOD AND WOOD PRODUCTS	Veneered Decorative Plywood	Length	IS 1328:1996 RA
210	MECHANICAL- WOOD AND WOOD PRODUCTS	Veneered Decorative Plywood	Moisture Content	IS 1734 (Part 1):1983 RA
211	MECHANICAL- WOOD AND WOOD PRODUCTS	Veneered Decorative Plywood	Squareness	Annex C of IS 1328:1996 RA
212	MECHANICAL- WOOD AND WOOD PRODUCTS	Veneered Decorative Plywood	Thickness	IS 1328:1996 RA
213	MECHANICAL- WOOD AND WOOD PRODUCTS	Veneered Decorative Plywood	Water Resistance test	Cl.11.12.1 of IS 1328:1996 RA
214	MECHANICAL- WOOD AND WOOD PRODUCTS	Veneered Decorative Plywood	width	IS 1328:1996 RA
215	MECHANICAL- WOOD AND WOOD PRODUCTS	Wooden Flush Door Shutter (Solid Core Type)/Timber Panelled and Glazed Shutters	Bucking Test – Deflection as Maximum Load	IS 4020 : Part 9 : 1998 RA
216	MECHANICAL- WOOD AND WOOD PRODUCTS	Wooden Flush Door Shutter (Solid Core Type)/Timber Panelled and Glazed Shutters	Buckling Test – Residual Deflection	IS 4020 : Part 9 : 1998 RA
217	MECHANICAL- WOOD AND WOOD PRODUCTS	Wooden Flush Door Shutter (Solid Core Type)/Timber Panelled and Glazed Shutters	Edge loading Test - Deflection as Maximum Load	IS 4020: Part 7 : 1998 RA
218	MECHANICAL- WOOD AND WOOD PRODUCTS	Wooden Flush Door Shutter (Solid Core Type)/Timber Panelled and Glazed Shutters	End Immersion Test	IS 4020 : Part 13 : 1998 RA
219	MECHANICAL- WOOD AND WOOD PRODUCTS	Wooden Flush Door Shutter (Solid Core Type)/Timber Panelled and Glazed Shutters	Glue Adhesion Test	IS 4020 : Part 15 : 1998 RA
220	MECHANICAL- WOOD AND WOOD PRODUCTS	Wooden Flush Door Shutter (Solid Core Type)/Timber Panelled and Glazed Shutters	Knife Test	IS 4020 : Part 14 : 1998 RA
221	MECHANICAL- WOOD AND WOOD PRODUCTS	Wooden Flush Door Shutter (Solid Core Type)/Timber Panelled and Glazed Shutters	Misuse Test	IS 4020 : Part 11 : 1998 RA
222	MECHANICAL- WOOD AND WOOD PRODUCTS	Wooden Flush Door Shutter (Solid Core Type)/Timber Panelled and Glazed Shutters	Screw with Drawal Strength	IS 4020: Part 16 : 1998 RA
223	MECHANICAL- WOOD AND WOOD PRODUCTS	Wooden Flush Door Shutter (Solid Core Type)/Timber Panelled and Glazed Shutters	Shock Resistance Test	IS 4020 : Part 8 : 1998 RA

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224	MECHANICAL- WOOD AND WOOD PRODUCTS	Wooden Flush Door Shutter (Solid Core Type)/Timber Panelled and Glazed Shutters	Slamming Test	IS 4020 : Part 10 : 1998 RA
225	MECHANICAL- WOOD AND WOOD PRODUCTS	Wooden Flush Door Shutter (Solid Core Type)/Timber Panelled and Glazed Shutters	Verifying Humidity test – Maximum Departure from General Planeness	IS 4032 : Part 12 : 1998 RA
226	MECHANICAL- WOOD AND WOOD PRODUCTS	Wooden Flush Door Shutter (Solid Core Type)/Timber Panelled and Glazed Shutters	Verifying Humidity test – Recovery	IS 4020 : Part 12 : 1998 RA