



### Scope of Accreditation for Testing

As per ISO/IEC 17025:2017

**CAB Name:** Ignito Labs Pvt. Ltd.

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**Address:** Plot No. 10, Village Anangpur,  
Domka Mohalla, Faridabad-121003, Haryana

**Issue date :** 28.01.2026

**Validity :** 27.01.2030

**Certificate No.:** T-0045

**Amendment date:** N/A

S.No	Product/ Material to be tested	Parameter/ Type of test/ Properties measured	Range of measurement/ Detection limit	Method/ Technique	Facility
<b>Discipline: Mechanical, Group: Buildings Materials</b>					
1	Lift Landing Doors	Fire Resistance (Integrity) (E)	Qualitative	EN 81-58	Permanent
2	Lift Landing Doors	Fire Resistance (Thermal Insulation) (I)	1-300 minutes	EN 81-58	Permanent
3	Lift Landing Doors	Fire Resistance (Radiation) (W)	0.1-50 KW/m <sup>2</sup>	EN 81-58	Permanent
4	Firestops	Fire Resistance (Integrity)(E)	Qualitative	IS 12458	Permanent
5	Firestops	Fire Resistance (Thermal Insulation) (I)	1-300 minutes	IS 12458	Permanent
6	Construction Elements	Fire Resistance (Integrity)(E)	Qualitative	IS 3809	Permanent
7	Construction Elements	Fire Resistance (Thermal Insulation) (I)	1-300 minutes	IS 3809	Permanent
8	Construction Elements	Fire Resistance (Load bearing capacity)	1-600mm	IS 3809	Permanent
9	Wooden, Metal and Glazed Door	Fire Resistance (Integrity)(E)	Qualitative	IS 17518-1	Permanent
10	Wooden, Metal and Glazed Door	Fire Resistance (Thermal Insulation) (I)	1-300 minutes	IS 17518-1	Permanent
11	Wooden, Metal and Glazed Door	Fire Resistance (Radiation)(W)	0.1-50 KW/m <sup>2</sup>	IS 17518-1	Permanent
12	Lift Landing Doors	Fire Resistance (Integrity)(E)	Qualitative	IS 17518-2	Permanent
13	Lift Landing Doors	Fire Resistance (Thermal Insulation) (I)	1-300 minutes	IS 17518-2	Permanent
14	Lift Landing Doors	Fire Resistance (Radiation)(W)	0.1-50 KW/m <sup>2</sup>	IS 17518-2	Permanent
15	Fire Door and Doorsets	Height	0.01-3300 mm	IS 3614 Cl 7.2.2, 7.3.2, 7.4.2, 7.5.2:	Permanent
16	Fire Door and Doorsets	Thickness	0-01-150 mm	IS 3614 Cl 7.2.4, 7.4.3.1, 7.5.3.1:	Permanent
17	Fire Doors and Doorsets	Fire Resistance (Integrity)(E)	Qualitative	IS 3614 Cl 4.1/ IS 17518-1	Permanent
18	Fire Doors and Doorsets	Fire Resistance (Thermal Insulation) (I)	1-300 minutes	IS 3614 Cl 4.1/ IS 17518-1	Permanent
19	Fire Doors and Doorsets	Fire Resistance (Radiation)(W)	0.1-50 KW/m <sup>2</sup>	IS 3614 Cl 4.1/ IS 17518-1	Permanent
20	Fire Doors and Doorsets	Width	0-3300 mm	IS 3614 Cl 7.2.2, 7.3.2, 7.4.2, 7.5.2	Permanent



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**Reg Office:** 307/20, 2nd Lane No. 5A, Ranjit Nagar, New Delhi 110008, India



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S.No	Product/ Material to be tested	Parameter/ Type of test/ Properties measured	Range of measurement/ Detection limit	Method/ Technique	Facility
21	Wooden, Metal and Glazed Door	Fire Resistance (Integrity)(E)	Qualitative	IS 3614-2	Permanent
22	Wooden, Metal and Glazed Door	Fire Resistance (Thermal Insulation) (I)	1-300 minutes	IS 3614-2	Permanent
23	Wooden, Metal and Glazed Door	Fire Resistance (Radiation)(W)	0.1-50 KW/m <sup>2</sup>	IS 3614-2	Permanent
24	Wooden, Metal and Glazed Door	Fire Resistance (Integrity)	Qualitative	ISO 3008-1	Permanent
25	Wooden, Metal and Glazed Door	Fire Resistance (Thermal Insulation)	1-300 minutes	ISO 3008-1	Permanent
26	Wooden, Metal and Glazed Door	Fire Resistance (Radiation)	0.1-50 KW/m <sup>2</sup>	ISO 3008-1	Permanent
27	Lift Landing Doors	Fire Resistance (Integrity)	Qualitative	ISO 3008-2	Permanent
28	Lift Landing Doors	Fire Resistance (Thermal Insulation)	1-300 minutes	ISO 3008-2	Permanent
29	Lift Landing Doors	Fire Resistance (Radiation)	0.1-50 KW/m <sup>2</sup>	ISO 3008-2	Permanent
30	Glazed Elements of building construction	Fire Resistance (Integrity)	Qualitative	ISO 3009-1	Permanent
31	Glazed Elements of building construction	Fire Resistance (Thermal Insulation)	1-300 minutes	ISO 3009-1	Permanent
32	Glazed Elements of building construction	Fire Resistance (Radiation)	0.1-50 KW/m <sup>2</sup>	ISO 3009-1	Permanent
33	Marble, tiles, mineral wool glass wool, gypsum board, Ceramic Fibre insulation	Non-Combustibility	Qualitative	BS 476-4	Permanent
34	Marble, tiles, mineral wool glass wool, gypsum board, Ceramic Fibre insulation	Ignitability	Qualitative	BS 476-5	Permanent
35	Laminate, polystyrene, metal ceiling tile, gypsum board, mineral wool, glass wool,	Fire Propagation Index	0.1-30	BS 476-6	Permanent



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S.No	Product/ Material to be tested	Parameter/ Type of test/ Properties measured	Range of measurement/ Detection limit	Method/ Technique	Facility
	plywood, Ceramic Fibre insulation				
36	Laminate, polystyrene, metal ceiling tile, gypsum board, mineral wool, glass wool, plywood, Ceramic Fibre insulation	Surface Spread of Flame	0.1 - 885mm	BS 476-7	Permanent
37	Construction Elements	Fire Resistance (Intergrity)	Qualitative	BS 476 - 20	
38	Construction Elements	Fire Resistance (Thermal Insulation)	1-300 minutes	BS 476 - 20	Permanent
39	Construction Elements	Fire Resistance (Radiation)	0.1-50 KW/m <sup>2</sup>	BS 476 - 20	Permanent
40	Construction Elements	Fire Resistance (Load bearing Capacity)	1-600mm	BS 476 - 20	Permanent
41	Load bearing elements of construction	Fire Resistance (Intergrity)	Qualitative	BS 476 Part 21	Permanent
42	Load bearing elements of construction	Fire Resistance (Thermal Insulation)	1-300 minutes	BS 476 Part 21-1987	Permanent
43	Load bearing elements of construction	Fire Resistance (Radiation)	0.1-50 KW/m <sup>2</sup>	BS 476 Part 21	Permanent
44	Load bearing elements of construction	Fire Resistance (Load bearing Capacity)	1-600mm	BS 476 Part 21	Permanent
45	Non load bearing elements of construction	Fire Resistance (Intergrity)	Qualitative	BS 476 - 22	Permanent
46	Non load bearing elements of construction	Fire Resistance (Thermal Insulation)	1-300 minutes	BS 476 - 22	Permanent
47	Non load bearing elements of construction	Fire Resistance (Radiation)	0.1-50 KW/m <sup>2</sup>	BS 476 - 22	Permanent
48	Suspended Ceiling	Fire Resistance (Intergrity)	Qualitative	BS 476 Part 23	Permanent
49	Suspended Ceiling	Fire Resistance (Thermal Insulation)	1-300 minutes	BS 476 Part 23	Permanent



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S.No	Product/ Material to be tested	Parameter/ Type of test/ Properties measured	Range of measurement/ Detection limit	Method/ Technique	Facility
50	Suspended Ceiling	Fire Resistance (Load bearing Capacity)	1-600mm	BS 476 Part 23	Permanent
51	Material used in ships	Non combustibility	Qualitative	Resolution MSC.307(88)	Permanent
52	Material used in ships	Organic Content	0.01 to 100%	Resolution MSC.307(88)	Permanent
53	Material used in ships	Moisture Content	0.01 to 100%	Resolution MSC.307(88)	Permanent
54	Door, Hatch, Bulkhead, Deck, Wall Panel	Fire Resistance (Integrity)	Qualitative	Resolution MSC.307(88)	Permanent
55	Door, Hatch, Bulkhead, Deck, Wall Panel	Fire Resistance (Thermal Insulation)	1-300 minutes	Resolution MSC.307(88)	Permanent
56	Door, Hatch, Bulkhead, Deck, Wall Panel	Fire Resistance (Radiation)	0.1-50 KW/m <sup>2</sup>	Resolution MSC.307(88)	Permanent
57	Door, Hatch, Bulkhead, Deck, Wall Panel	Fire Resistance (load bearing capacity)	1-600mm	Resolution MSC.307(88)	Permanent
58	Material used in ships	Fire Resistance (Integrity)	Qualitative	Resolution MSC.307(88)	Permanent
59	Material used in ships	Fire Resistance (Thermal Insulation)	1-300 minutes	Resolution MSC.307(88)	Permanent
60	Material used in ships	Fire Resistance (Radiation)	0.1-50 KW/m <sup>2</sup>	Resolution MSC.307(88)	Permanent
61	Material used in ships	Fire Resistance (load bearing capacity)	1-600mm	Resolution MSC.307(88)	Permanent
62	Material used in ships	Fire Resistance (Integrity)	Qualitative	Resolution MSC.307(88)	Permanent
63	Material used in ships	Fire Resistance (Thermal Insulation)	1-300 minutes	Resolution MSC.307(88)	Permanent
64	Material used in ships	Fire Resistance (Radiation)	0.1-50 KW/m <sup>2</sup>	Resolution MSC.307(88)	Permanent
65	Material used in ships	Fire Resistance (load bearing capacity)	1-600mm	Resolution MSC.307(88)	Permanent
66	Construction Elements	Fire Resistance (Integrity)	Qualitative	IS/ISO 834-1	Permanent
67	Construction Elements	Fire Resistance (Thermal Insulation)	1-300 minutes	IS/ISO 834-1	Permanent
68	Construction Elements	Fire Resistance (Radiation)	0.1-50 KW/m <sup>2</sup>	IS/ISO 834-1	Permanent



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S.No	Product/ Material to be tested	Parameter/ Type of test/ Properties measured	Range of measurement/ Detection limit	Method/ Technique	Facility
69	Load bearing vertical separating element	Fire Resistance (Intergrity)	Qualitative	IS/ISO 834-4	Permanent
70	Load bearing vertical separating element	Fire Resistance (Thermal Insulation)	1-300 minutes	IS/ISO 834-4	Permanent
71	Load bearing vertical separating element	Fire Resistance (Radiation)	0.1-50 KW/m <sup>2</sup>	IS/ISO 834-4	Permanent
72	Load bearing horizontal separating element	Fire Resistance (Intergrity)	Qualitative	IS/ISO 834-5	Permanent
73	Load bearing horizontal separating element	Fire Resistance (Load bearing Capacity)	1-600mm	IS/ISO 834-5	Permanent
74	Load bearing horizontal separating element	Fire Resistance (Thermal Insulation)	1-1200 Deg C	IS/ISO 834-5	Permanent
75	Beams	Fire Resistance (Load bearing Capacity)	1-600mm	IS/ISO 834-6	Permanent
76	Beams	Fire Resistance (Temperature Rise)	1-1200 Deg C	IS/ISO 834-6	Permanent
77	Columns	Fire Resistance (Load bearing Capacity)	1-600mm	IS/ISO 834-7	Permanent
78	Columns	Fire Resistance (Temperature Rise)	1-1200 Deg C	IS/ISO 834-7	Permanent
79	Non load bearing vertical separating element	Fire Resistance (Intergrity)	Qualitative	IS/ISO 834-8	Permanent
80	Non load bearing vertical separating element	Fire Resistance (Thermal Insulation)	1-300 minutes	IS/ISO 834-8	Permanent
81	Non load bearing vertical separating element	Fire Resistance (Radiation)	0.1-50 KW/m <sup>2</sup>	IS/ISO 834-8	Permanent
82	Non load bearing horizontal separating element	Fire Resistance (Intergrity)	Qualitative	IS/ISO 834-9	Permanent
83	Non load bearing horizontal separating element	Fire Resistance (Thermal Insulation)	1-300 minutes	IS/ISO 834-9	Permanent



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S.No	Product/ Material to be tested	Parameter/ Type of test/ Properties measured	Range of measurement/ Detection limit	Method/ Technique	Facility
84	Non load bearing horizontal separating element	Fire Resistance (Radiation)	0.1-50 KW/m <sup>2</sup>	IS/ISO 834-9	Permanent
85	Construction Elements	Fire Resistance (Intergrity)(E)	Qualitative	EN 1363-1	Permanent
86	Construction Elements	Fire Resistance (Thermal Insulation) (I)	1-300 minutes	EN 1363-1	Permanent
87	Construction Elements	Fire Resistance (Radiation)(W)	0.1-50 KW/m <sup>2</sup>	EN 1363-1	Permanent
88	Construction Elements	Fire Resistance (Load bearing capacity)	1-600mm	EN 1363-1	Permanent
89	Non load bearing wall	Fire Resistance (Intergrity)(E)	Qualitative	EN 1364-1	Permanent
90	Non load bearing wall	Fire Resistance (Thermal Insulation) (I)	1-300 minutes	EN 1364-1	Permanent
91	Non load bearing wall	Fire Resistance (Radiation)(W)	0.1-50 KW/m <sup>2</sup>	EN 1364-1	Permanent
92	Non load bearing Ceilings	Fire Resistance (Intergrity)(E)	Qualitative	EN 1364-2	Permanent
93	Non load bearing Ceilings	Fire Resistance (Thermal Insulation) (I)	1-300 minutes	EN 1364-2	Permanent
94	Non load bearing Ceilings	Fire Resistance (Radiation)(W)	0.1-50 KW/m <sup>2</sup>	EN 1364-2	Permanent
95	Non load bearing Curtain Walling	Fire Resistance (Intergrity)(E)	Qualitative	EN 1364-3	Permanent
96	Non load bearing Curtain Walling	Fire Resistance (Thermal Insulation) (I)	1-300 minutes	EN 1364-3	Permanent
97	Non load bearing Curtain Walling	Fire Resistance (Radiation)(W)	0.1-50 KW/m <sup>2</sup>	EN 1364-3	Permanent
98	Load bearing wall	Fire Resistance (Intergrity)(E)	Qualitative	EN 1365-1	Permanent
99	Load bearing wall	Fire Resistance (Thermal Insulation) (I)	1-300 minutes	EN 1365-1	Permanent
100	Load bearing wall	Fire Resistance (Radiation)(W)	0.1-50 KW/m <sup>2</sup>	EN 1365-1	Permanent
101	Load bearing wall	Fire Resistance (Load bearing capacity)	1-600mm	EN 1365-1	Permanent
102	Load bearing Floor and Roofs	Fire Resistance (Intergrity)(E)	Qualitative	EN 1365-2	Permanent
103	Load bearing Floor and Roofs	Fire Resistance (Thermal Insulation)(I)	1-300 minutes	EN 1365-2	Permanent



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S.No	Product/ Material to be tested	Parameter/ Type of test/ Properties measured	Range of measurement/ Detection limit	Method/ Technique	Facility
104	Load bearing Floor and Roofs	Fire Resistance (Radiation)(W)	0.1-50 KW/m <sup>2</sup>	EN 1365-2	Permanent
105	Load bearing Floor and Roofs	Fire Resistance (Load bearing capacity)	1-600mm	EN 1365-2	Permanent
106	Load bearing Beams	Fire Resistance (Load bearing Capacity)	1-600mm	EN 1365-3	Permanent
107	Load bearing Beams	Fire Resistance (Temperature Rise)	1-1200 Deg C	EN 1365-3	Permanent
108	Load bearing Columns	Fire Resistance (Load bearing Capacity)	1-600mm	EN 1365-4	Permanent
109	Load bearing Columns	Fire Resistance (Temperature Rise)	1-1200 Deg C	EN 1365-4	Permanent
110	Penetration seals	Fire Resistance (Integrity)(E)	Qualitative	EN 1366-3	Permanent
111	Penetration seals	Fire Resistance (Thermal Insulation) (I)	1-300 minutes	EN 1366-3	Permanent
112	Wooden, Metal and Glazed Door	Fire Resistance (Integrity)(E)	Qualitative	EN 1634-1	Permanent
113	Wooden, Metal and Glazed Door	Fire Resistance (Thermal Insulation) (I)	1-300 minutes	EN 1634-1	Permanent
114	Wooden, Metal and Glazed Door	Fire Resistance (Radiation)(W)	0.1-50 KW/m <sup>2</sup>	EN 1634-1	Permanent
115	Horizontal protective membranes	Fire Resistance (Load bearing Capacity)	1-600mm	EN 13381-1	Permanent
116	Horizontal protective membranes	Fire Resistance (Temperature Rise)	1-1200 Deg C	EN 13381-1	Permanent
117	Vertical protective membranes	Fire Resistance (Load bearing Capacity)	1-600mm	EN 13381-2	Permanent
118	Vertical protective membranes	Fire Resistance (Temperature Rise)	1-1200 Deg C	EN 13381-2	Permanent
119	Applied protection to concrete member	Fire Resistance (Load bearing Capacity)	1-600mm	EN 13381-3	Permanent
120	Applied protection to concrete member	Fire Resistance (Temperature Rise)	1-1200 Deg C	EN 13381-3	Permanent
121	Applied protection to steel member	Fire Resistance (Load bearing Capacity)	1-600mm	EN 13381-4	Permanent
122	Applied protection to steel member	Fire Resistance (Temperature Rise)	1-1200 Deg C	EN 13381-4	Permanent
123	Applied protection to Concrete/profiled	Fire Resistance (Load bearing Capacity)	1-600mm	EN 13381-5	Permanent



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S.No	Product/ Material to be tested	Parameter/ Type of test/ Properties measured	Range of measurement/ Detection limit	Method/ Technique	Facility
	sheet steel composites member				
124	Applied protection to Concrete/profiled sheet steel composites member	Fire Resistance (Temperature Rise)	1-1200 Deg C	EN 13381-5	Permanent
125	Applied protection to Concrete filled hollow steel columns	Fire Resistance (Load bearing Capacity)	1-600mm	EN 13381-6	Permanent
126	Applied protection to Concrete filled hollow steel columns	Fire Resistance (Temperature Rise)	1-1200 Deg C	EN 13381-6	Permanent
127	Intumescent Coating, cementitious coating	Fire Resistance (Load bearing Capacity)	Qualitative	EN 13381-8	Permanent
128	Intumescent Coating, cementitious coating	Fire Resistance (Temperature Rise)	1-1200 Deg C	EN 13381-8	Permanent
129	Intumescent Coating, cementitious coating	Fire Resistance (Deflection)	0.1-1000mm	EN 13381-8	Permanent
130	Construction Elements	Fire Resistance (Intergrity)(E)	Qualitative	ASTM E119	Permanent
131	Construction Elements	Fire Resistance (Thermal Insulation) (I)	1-300 minutes	ASTM E119	Permanent
132	Construction Elements	Fire Resistance (Radiation)(W)	0.1-50 KW/m <sup>2</sup>	ASTM E119	Permanent
133	Construction Elements	Fire Resistance (Load bearing capacity)	1-600mm	ASTM E119	Permanent
134	Wall, Partition, Column, Beam, Floor, Roof	Fire Resistance (Intergrity) (E)	Qualitative	UL263	Permanent
135	Wall, Partition, Column, Beam, Floor, Roof	Fire Resistance (Thermal Insulation) (I)	1-300 minutes	UL263	Permanent



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S.No	Product/ Material to be tested	Parameter/ Type of test/ Properties measured	Range of measurement/ Detection limit	Method/ Technique	Facility
136	Wall, Partition, Column, Beam, Floor, Roof	Fire Resistance (Radiation)(W)	0.1-50 KW/m <sup>2</sup>	UL263	Permanent
137	Wall, Partition, Column, Beam, Floor, Roof	Fire Resistance (Intergrity)(E)	Qualitative	UL1709	Permanent
138	Wall, Partition, Column, Beam, Floor, Roof	Fire Resistance (Thermal Insulation) (I)	1-300 minutes	UL1709	Permanent
139	Wall, Partition, Column, Beam, Floor, Roof	Fire Resistance (Radiation)(W)	0.1-50 KW/m <sup>2</sup>	UL1709	Permanent
140	Mineral wool, glasswool, rockwool, ceramic fibre insulation	Moisture Content	0.02-10 %	IS 3144	Permanent
141	Mineral wool, glasswool, rockwool, ceramic fibre insulation	Resistance to compression	0.01-100%	IS 3144	Permanent
142	Mineral wool, glasswool, rockwool, ceramic fibre insulation	Alkalinity	0.2-14pH	IS 3144	Permanent
143	Mineral wool, glasswool, rockwool, ceramic fibre insulation	Alkalinity	0.2-14pH	IS 8183	Permanent
144	Mineral wool, glasswool, rockwool, ceramic fibre insulation	Vibration and Jolting	0.1 - 100%	IS 3144	Permanent
145	Mineral wool, glasswool, rockwool, ceramic fibre insulation	Shot Content	0.1-10%	IS 3144	Permanent
146	Mineral wool, glasswool, rockwool, ceramic fibre insulation	Recovery after compression	0.1-100%	IS 8183	Permanent
147	Mineral wool, glasswool,	Moisture Absorption	0.2-10%	IS 3144	Permanent



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	rockwool, ceramic fibre insulation				
148	Mineral wool, glasswool, rockwool, ceramic fibre insulation	Dimension (Length, Width, Thickness)	0.01-1000mm	IS 3144	Permanent
149	Mineral wool, glasswool, rockwool, ceramic fibre insulation	Incombustibility	1-900 S	IS 3144	Permanent
150	Mineral wool, glasswool, rockwool, ceramic fibre insulation	Fibre Diameter	0.005-2 g/cc	IS 3144	Permanent
151	Mineral wool, glasswool, rockwool, ceramic fibre insulation	Maximum recommended Temperature	Qualitative 0.01-500 Deg C	IS 3144	Permanent
152	Mineral wool, glasswool, rockwool, ceramic fibre insulation	Resistance to microorganism	Qualitative 1-100%	IS 3144	Permanent
153	Mineral wool, glasswool, rockwool, ceramic fibre insulation	Odour Emission	Qualitative 0-150 mm	IS 3144	Permanent
154	Mineral wool, glasswool, rockwool, ceramic fibre insulation	Water Vapour Permeance	0.01-95 g/m <sup>2</sup> /h	IS 3144	Permanent
155	Mineral wool, glasswool, rockwool, ceramic fibre insulation	Bulk Density	0.005-2 g/cc	IS 3144	Permanent
156	Glass Walls	Fire Resistance (Integrity)(E)	Qualitative	IS 16945	Permanent
157	Glass Walls	Fire Resistance (Thermal Insulation) (I)	1-300 minutes	IS 16945	Permanent
158	Glass Walls	Fire Resistance (Radiation)(W)	0.1-50 KW/m <sup>2</sup>	IS 16945	Permanent
159	Glass with Glass Panes, Openable	Fire Resistance (Integrity)(E)	Qualitative	IS 16947	Permanent



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	Glass Windows and sliding Glass Doors				
160	Glass with Glass Panes, Openable Glass Windows and sliding Glass Doors	Fire Resistance (Thermal Insulation) (I)	1-300 minutes	IS 16947	Permanent
161	Glass with Glass Panes, Openable Glass Windows and sliding Glass Doors	Fire Resistance (Radiation)(W)	0.1-50 KW/m <sup>2</sup>	IS 16947	Permanent
162	Laminate, polystyrene, metal ceiling tile, gypsum board, mineral wool, glass wool, plywood, Ceramic Fibre insulation	Surface Spread of Flame	0.1 - 900mm	IS 12777	Permanent
163	Marble, tiles, mineral wool glass wool, gypsum board, Ceramic Fibre insulation	Non-Combustibility	Qualitative	IS 3808	Permanent
164	Walls, Floors, roofs, Ceilings, Columns, Beams, Girders and trusses, doorsets and shutter assemblies, uninsulated glazing, Air ducts, Service penetrations and control joints, fire damper and air transfer grille assemblies, critical services	Fire Resistance (Intergrity)(E)	Qualitative	AS 1530-4	Permanent
165	Walls, Floors, roofs, Ceilings, Columns, Beams, Girders and trusses, doorsets and shutter assemblies,	Fire Resistance (Thermal Insulation) (I)	1-300 minutes	AS 1530-4	Permanent



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S.No	Product/ Material to be tested	Parameter/ Type of test/ Properties measured	Range of measurement/ Detection limit	Method/ Technique	Facility
	uninsulated glazing, Air ducts, Service penetrations and control joints, fire damper and air transfer grille assemblies, critical services				
166	Walls, Floors, roofs, Ceilings, Columns, Beams, Girders and trusses, doorsets and shutter assemblies, uninsulated glazing, Air ducts, Service penetrations and control joints, fire damper and air transfer grille assemblies, critical services	Fire Resistance (Radiation)(W)	0.1-50 KW/m <sup>2</sup>	AS 1530-4	Permanent
167	Wall, Partition, Column, Beam, Floor, Roof	Fire Resistance (Integrity)(E)	Qualitative	UL1479	Permanent
168	Wall, Partition, Column, Beam, Floor, Roof	Fire Resistance (Thermal Insulation) (I)	1-300 minutes	UL1479	Permanent
169	Wall, Partition, Column, Beam, Floor, Roof	Fire Resistance (Radiation)(W)	0.1-50 KW/m <sup>2</sup>	UL1479	Permanent
170	Structural Protection Coating	Fire Resistance (Load Bearing Capacity)	1-600mm	ASFP Yellow book	Permanent
171	Structural Protection Coating	Fire Resistance (Temperature Rise) (Design Temperature)	1-1200 Deg C	ASFP Yellow book	Permanent
172	Structural Protection Coating	Fire Resistance (Deflection)	0.1-1000mm	ASFP Yellow book	Permanent
173	Material used in rail coaches	Non combustibility	Qualitative	EN 13501-1:2018/T14 of EN 45545-2	Permanent



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S.No	Product/ Material to be tested	Parameter/ Type of test/ Properties measured	Range of measurement/ Detection limit	Method/ Technique	Facility
174	Material used in rail coaches	Fire Resistance (Temperature Rise)	1-1200 Deg C	EN 13501-1:2018/T14 of EN 45545-2	Permanent
175	Material used in rail coaches	Mass loss	0.1-100%	EN 13501-1:2018/T14 of EN 45545-2	Permanent
176	Building Material	Fire Resistance (Integrity)(E)	Qualitative	EN 13501-2	Permanent
177	Building Material	Fire Resistance (Thermal Insulation) (I)	1-300 minutes	EN 13501-2	Permanent
178	Building Material	Fire Resistance (Radiation)(W)	0.1-50 KW/m <sup>2</sup>	EN 13501-2	Permanent
179	Building Material	Fire Resistance (Load bearing Capacity)	1-600mm	EN 13501-2	Permanent
180	Fire Barrier	Fire Resistance (Integrity)(E)	Qualitative	EN 45545-3	Permanent
181	Fire Barrier	Fire Resistance (Thermal Insulation) (I)	1-300 minutes	EN 45545-3	Permanent
182	Fire Barrier	Fire Resistance (Radiation)(W)	0.1-50 KW/m <sup>2</sup>	EN 45545-3	Permanent
183	Construction Product	Heat of Combustion	20-12000 kcals/kg	ISO 1716	Permanent
184	Construction Product	Reaction to fire (Non-combustibility test)	Qualitative	ISO 1182	Permanent
185	Construction Product	Fire growth Rate, FIGRA	1.2-2000 W/s	EN 13823	Permanent
186	Construction Product	Smoke growth Rate, SMOGRA	0.1-1500 m <sup>2</sup> /s <sup>2</sup>	EN 13823	Permanent
187	Construction Product	Total Smoke Production, TSP	0.1-2300 m <sup>2</sup>	EN 13823	Permanent
188	Construction Product	Total Heat Release, THR	0.05-188MJ	EN 13823	Permanent
189	Construction Product	Lateral flame spread to edge	Qualitative 0.1 to 1500mm	EN 13823	Permanent
190	Building materials	Flame spread Index	0-500	ASTM E84	Permanent
191	Building materials	Smoke Developed Index	1-450	ASTM E84	Permanent
192	Marble, tiles, mineral wool, glass wool, gypsum board, Ceramic Fibre insulation	Non-Combustibility	Qualitative	ASTM E136	Permanent



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S.No	Product/ Material to be tested	Parameter/ Type of test/ Properties measured	Range of measurement/ Detection limit	Method/ Technique	Facility
193	Building materials	Flame spread Index	0-500	UL723	Permanent
194	Building materials	Smoke Developed Index	1-450	UL723	Permanent
<b>Discipline: Mechanical, Group: Plastic &amp; Plastic Products</b>					
195	Decorative laminates, Laminate	Density	0.08-2 g/cm <sup>3</sup>	MDTS 46303 (Appendix-A)	Permanent
196	Decorative laminates, Laminate	Resistance to immersion in boiling water	0.01-5 %	IS 2046 (Appendix-D)	Permanent
197	Decorative laminates, Laminate	Water Absorption	0.01-5 %	MDTS 46303 (Appendix-E)	Permanent
198	Flexible and Rigid Foam	Density	2-1000 kg/m <sup>3</sup>	IS 7888 (Cl.4)	Permanent
199	Flexible and Rigid Foams	Density	2-1000 kg/m <sup>3</sup>	EN ISO 845	Permanent
200	Flexible and Rigid Foams	Tensile strength	10-500 Kpa	ISO 1798	Permanent
201	Flexible and Rigid Foams	Elongation at Break	0-80 %	ISO 1798	Permanent
202	Flexible and Rigid Foams	Comfort factor	0.2-50	IS 7888 Cl. 6	Permanent
203	Flexible and Rigid Foams	Hardness Index	0.1-20 N/cm <sup>2</sup>	IS 7888 Cl.6	Permanent
204	Flexible and Rigid Foams	Compression Set	0-20 %	ISO 1856	Permanent
205	Flexible and Rigid Foams	Compression	1-50 Kpa	EN ISO 3386	Permanent
206	Flexible and Rigid Foams	Humidity Ageing	1-50 %	ISO 2440	Permanent
207	Flexible and Rigid Foams	Dynamic Fatigue	1-20 %	DIN EN ISO 3385	Permanent
208	Flexible and Rigid Foams	Tear Strength	0.1-50 kg/cm	ISO 8067	Permanent
209	Flexible and Rigid Foams	Resilience	5-95 %	ISO 8307	Permanent
210	Flexible and Rigid Foams	Linear Dimension	1-1000 mm	IS 7888	Permanent
211	Flexible and Rigid Foams	Tensile strength	10-500 Kpa	ISO 527-1	Permanent
212	Flexible and Rigid Foams	Tensile strength	10-500 Kpa	IS 7888	Permanent



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S.No	Product/ Material to be tested	Parameter/ Type of test/ Properties measured	Range of measurement/ Detection limit	Method/ Technique	Facility
213	Flexible and Rigid Foams	Elongation at Break	0-80 %	IS 7888	Permanent
214	Flexible and Rigid Foams	Compression set	1-80 %	IS 7888	Permanent
215	Flexible and Rigid Foams	Humidity Ageing	Qualitative	IS 7888	Permanent
216	Flexible and Rigid Foams	Heat Ageing	Qualitative	IS 7888	Permanent
217	Flexible and Rigid Foams	Flammability	0-150 %	IS 7888	Permanent
218	Plastic & Polymer films and sheets	Water Vapour Transmission Rate	0.01-90 g/m <sup>2</sup> /h	ASTM E96/E96-M	Permanent
219	Cellular plastics, Polymer sheet, Fibre reinforced plastic, Laminate	Water absorption	0.01-2.5 %	JIS K 6767	Permanent
220	Flexible and Rigid Foams	Water absorption	0.01-2.5 %	ASTM C272/C272 M-18	Permanent
221	Plastic sheet, Polymer sheet, Fibre reinforced plastic, Laminate	Water absorption	0.01-2.5 %	IS 13360 (P-8, Sec-1)	Permanent
222	Plastic sheet, Polymer sheet, Fibre reinforced plastic, Laminate	Water absorption	0.01-2.5 %	ASTM D570	Permanent
223	Plastic sheet, Polymer sheet, Fibre reinforced plastic, Laminate	Flammability	1-900 S	UL 94	Permanent
224	Plastic sheet, Polymer sheet, fibre reinforced plastic, Laminate	Density	0.08-2 g/cc	ASTM D792	Permanent
225	Plastic sheet, Polymer sheet, fibre reinforced plastic, Laminate	Specific Gravity	0.08-5	ASTM D792	Permanent
226	Plastic sheet, Polymer sheet, fibre reinforced plastic, Laminate	Tensile Strength	0-1000 N/mm <sup>2</sup>	IS 1998	Permanent



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S.No	Product/ Material to be tested	Parameter/ Type of test/ Properties measured	Range of measurement/ Detection limit	Method/ Technique	Facility
227	Plastic sheet, Polymer sheet, fibre reinforced plastic, Laminate	Tensile Modulus	100-15000 N/mm <sup>2</sup>	Lab SOP	Permanent
228	Plastic sheet, Polymer sheet, fibre reinforced plastic, Laminate	Elongation at Break	0-80 %	IS 1998	Permanent
229	Plastic sheet, Polymer sheet, fibre reinforced plastic, Laminate	Tensile Strength	0-1000 N/mm <sup>2</sup>	ASTM D638	Permanent
230	Plastic sheet, Polymer sheet, fibre reinforced plastic, Laminate	Elongation	0-80 %	ASTM D638	Permanent
231	Plastic sheet, Polymer sheet, fibre reinforced plastic, Laminate	Barcol Hardness	0-100	ASTM D2583	Permanent
232	Plastic sheet, Polymer sheet, fibre reinforced plastic, Laminate	Inter laminer Shear strength	0-50 N/mm <sup>2</sup>	BS 4994	Permanent
233	Plastic sheet, Polymer sheet, fibre reinforced plastic, Laminate	Cross Breaking Strength	10-250 N/mm <sup>2</sup>	IS 1998	Permanent
234	Plastic sheet, Polymer sheet, fibre reinforced plastic, Laminate	Izod Strength	10-1500 J/mtr	IS 1998	Permanent
235	Plastic sheet, Polymer sheet, fibre reinforced plastic, Laminate	Resistance to Impact	0- 150mm	ICF/MD/Spec-107	Permanent
236	Plastic sheet, Polymer sheet, fibre reinforced plastic, Laminate	Resistance to Stain	0- 250 Deg C	IS 2046	Permanent



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S.No	Product/ Material to be tested	Parameter/ Type of test/ Properties measured	Range of measurement/ Detection limit	Method/ Technique	Facility
237	Plastic, Polymer, fibre reinforced plastic, Laminate	Shore Hardness	0.5-100	IS 13360 (P-5/S-11)	Permanent
238	Plastic, Polymer, fibre reinforced plastic, Laminate	Shore Hardness	0.5-100	ASTM D2240	Permanent
239	Plastic, Polymer, fibre reinforced plastic, Laminate	MFR	0-400 g/10min	IS 13360 (P-4/S-1)	Permanent
240	Plastic, Polymer, fibre reinforced plastic, Laminate	MVR	0-400 cm <sup>3</sup> /10min	IS 13360 (P-4/S-1)	Permanent
241	Plastic, Polymer, fibre reinforced plastic, Laminate	Vicat Softening Temperature	0-300 Deg C	IS 13360 (P-6/S-1)	Permanent
242	PIR & PUR Foam Product	Density	0.08-2 g/cc	IS 11239-2	Permanent
243	PIR & PUR Foam Product	Compressive Properties	1-50 Kpa	ASTM C165-23	Permanent
244	PIR & PUR Foam Product	Compressive strength	1-50 Kpa	IS 11239-11	Permanent
245	PIR & PUR Foam Product	Closed cell content	0.01 to 200%	IS 11239-5	Permanent
246	PIR & PUR Foam Product	Water Absorption	0.01-2.5 %	IS 11239-9	Permanent
247	Insulating products	Long Term Water Absorption	0.01-2.5 %	EN 12087	Permanent
248	PIR & PUR Foam Product	Water Vapour Transmission Rate	0.01-10 g/m <sup>2</sup> /h	IS 11239-4	Permanent
249	PIR & PUR Foam Product	Dimensional Stability	Qualitative	IS 11239-3	Permanent
250	PIR & PUR Foam Product	Horizontal Burning	0-1000 Deg C	IS 11239-12	Permanent
251	Plywood & Wood	Resistance to dry Heat	0- 250 Deg C	RDSO Spec. No. C-9407 Rev3(App F)	Permanent
252	Plywood & Wood	Ageing Test	0- 250 Deg C	RDSO Spec. No. C-9407 Rev3(App F)	Permanent
253	Material used in rail coaches	Deterioration of visibility due to smoke	Qualitative Class A/B/C	UIC 564-2 App. 15	Permanent



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S.No	Product/ Material to be tested	Parameter/ Type of test/ Properties measured	Range of measurement/ Detection limit	Method/ Technique	Facility
254	Material used in rail coaches	Heat Release Rate	0-1300 kW/m <sup>2</sup>	ISO 5660-1/T03.01, T03.02 of EN 45545-2	Permanent
255	Material used in rail coaches	Fire hazard testing	Qualitative V0, HB	EN 60695-11-10/T17 of EN 45545-2	Permanent
256	Material used in rail coaches	Single source Flame Test	1-900 S	EN ISO 11925-2/T05 of EN 45545-2	Permanent
257	Material used in rail coaches	Oxygen Index	16-99 %	EN ISO 4589-2/T01 of EN 45545-2	Permanent
258	Material used in rail coaches	Oxygen Index	16-99 %	IS 13360-6-19	Permanent
259	Material used in rail coaches	Oxygen Index	16-99 %	IS 13501	Permanent
260	Material used in rail coaches	Oxygen Index	16-99 %	ASTM D2863	Permanent
261	Material used in rail coaches	Specific optical density	0-1500	EN ISO 5659-2: 2017/ T10.01, T10.02, T10.03, T10.04 of EN 45545-2:2020	Permanent
262	Material used in rail coaches	Spread of Flame	Qualitative Class A/B/C	UIC 564-2 App. 4	Permanent
263	Material used in rail coaches	Spread of Flame	Qualitative Class A/B/C	UIC 564-2 App. 8	Permanent
264	Material used in rail coaches	Spread of Flame	Qualitative Class A/B/C	UIC 564-2 App. 11	Permanent
265	Material used in rail coaches	Spread of Flame	Qualitative Class A/B/C	UIC 564-2 App. 5	Permanent
266	Material used in rail coaches	Critical Flux at extinguishment, CFE	0-50 kW/m <sup>2</sup>	ISO 5658-2/T02 of EN 45545-2	Permanent
267	Material used in ships	Critical Flux at extinguishment, CFE	0-50 kW/m <sup>2</sup>	Resolution MSC.307(88)	Permanent
268	Material used in ships	Heat for sustained burning, Qsb	0.001 to 20 MJ/m <sup>2</sup>	Resolution MSC.307(88)	Permanent
269	Material used in ships	Total Heat Release, Qt	0.001 to 20MJ	Resolution MSC.307(88)	Permanent
270	Material used in ships	Peak Heat Release, Qp	0.01-50kW	Resolution MSC.307(88)	Permanent
271	Material used in rail coaches	Wind opposed burning behaviour CHF	0-11 kW/m <sup>2</sup>	EN ISO 9239-1/T04 of EN 45545-2	Permanent



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S.No	Product/ Material to be tested	Parameter/ Type of test/ Properties measured	Range of measurement/ Detection limit	Method/ Technique	Facility
272	Material used in ships	Smoke Density	0-1500	Resolution MSC.307(88)	Permanent
273	Material used in ships	After Flame Time	0-999 seconds	Resolution MSC.307(88)	Permanent
274	Material used in ships	Length of char	0.01 - 450mm	Resolution MSC.307(88)	Permanent
275	Material used in ships	Ignition of cotton wool	Qualitative	Resolution MSC.307(88)	Permanent
276	Material used in ships	Occurrence of surface flash and propagation length	0.01-450mm	Resolution MSC.307(88)	Permanent
277	Material used in ships	Extent of damage	0.01- 450mm	Resolution MSC.307(88)	Permanent
278	Material used in ships	Occurrence of progressive smouldering	Qualitative	Resolution MSC.307(88)	Permanent
279	Material used in ships	Occurrence of flaming ignition	Qualitative	Resolution MSC.307(88)	Permanent
280	Material used in ships	Heat Release Rate	0-1300 kW/m <sup>2</sup>	Resolution MSC.307(88)	Permanent
281	Material used in ships	Total Heat Release	0.001 to 200 KJ/m <sup>2</sup>	Resolution MSC.307(88)	Permanent
282	Material used in ships	Smoke Production Rate	0.1 to 500 m <sup>2</sup> /s	Resolution MSC.307(88)	Permanent
283	Material used in ships	Ignition Time	0-999 seconds	Resolution MSC.307(88)	Permanent
284	Material used in ships	Oxygen Index	16-99 %	NES 714: 2013	Permanent
285	Material used in ships	Smoke Index	5-1300	NES 711: 2013	Permanent
286	Material used in ships	Temperature Index	25-250 Deg C	NES 715: 2013	Permanent
287	Material used in rail coaches	Glow Wire test	0-900 Deg C	EN 60695-2-11/ T16 of EN 45545-2	Permanent
288	Material used in rail coaches	After Burning time	0-999 seconds	EN ISO 12952-2/ T07 of EN 45545-2	Permanent
289	Material used in rail coaches	Spread of Flame	0.01-400mm	UIC 564-2 App:10	Permanent
290	Material used in rail coaches	Optical Density	0-1500	NFX 10 702-1	Permanent
291	Furnishing items	Fire Behaviour	0-1500	DIN 4102-1	Permanent
292	Furnishing items	Fire Behaviour	0-1500	DIN 4102-16	Permanent



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S.No	Product/ Material to be tested	Parameter/ Type of test/ Properties measured	Range of measurement/ Detection limit	Method/ Technique	Facility
293	Furnishing items	Fire Behaviour	0-1500	DIN 5510-2	Permanent
294	Material used in rail coaches	Specific optical density	0-1500	ASTME 662	Permanent
295	Material used in rail coaches	Flammability	1-900 S	ASTM D3675-25	Permanent
296	Material used in rail coaches	Radiant Panel Index	0.01 - 1000	ASTM E162	Permanent
297	Material used in rail coaches	Resistance to flame spread, CRF	0-11 kW/m <sup>2</sup>	ASTM E648	Permanent
298	Material used in rail coaches	Flame Propagation	0-50 kW/m <sup>2</sup>	ASTM C1166	Permanent
299	Material used in rail coaches	Heat and visible smoke release rate	0-1300 kW/m <sup>2</sup>	ASTM E1354	Permanent
300	PIR & PUR Foam Product	Ignition temperature	0-1000 Deg C	ASTM D1929	Permanent
301	Complete seat	Burning Behaviour	Qualitative 0-240 minutes	EN 16989/T06.01, T06.2, T06.03 of EN 45545-2	Permanent
302	Coated Fabrics	Thickness	0.001mm -25mm	ASTM D751	Permanent
303	Coated Fabrics	Breaking Strength	0-80 %	ASTM D751	Permanent
304	Coated Fabrics	Working temperature	Qualitative -20 to +180 Deg C	Lab SOP	Permanent
305	Glass Reinforced Polyester Dough Moulding Compounds	Determination of Glass Content	0.1 to 95%	IS 13411 Annexure A	Permanent
306	Flexible and Rigid Foams	Dimensions	0.01-150mm	ASTM C303	Permanent
307	Flexible and Rigid Foams	Density	0.08-2 g/cm <sup>3</sup>	ASTM C303	Permanent
308	Flexible and Rigid Foams	Trueness and Squareness	Qualitative	ASTM C550-15	Permanent
309	Flexible and Rigid Foams	Breaking Load	0-80 %	ASTM C203-05a	Permanent
310	Flexible and Rigid Foams	Flexural Properties	0-80 %	ASTM C203-05a	Permanent
311	Flexible and Rigid Foams	Ageing Test	0- 250 Deg C	ASTM D2126-20	Permanent
312	Flexible and Rigid Foams	UV Exposure Test	Qualitative	ASTM G154	Permanent
313	Insulating Materials	Flexural Properties	0-70 %	ASTM D790-17	Permanent
314	Insulating Materials	Flexural Properties	0-70 %	ISO 178	Permanent



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S.No	Product/ Material to be tested	Parameter/ Type of test/ Properties measured	Range of measurement/ Detection limit	Method/ Technique	Facility
<b>Discipline: Chemical, Group: Plastic &amp; Plastic Resins</b>					
315	Cables, cable containment, relay, mcb, contractors, switch, PCB, Flexible metal, rubber, hose, Fibre reinforced plastic, Laminate, DGFRP, LP sheet, Compreg, Plywood, Upholstery, PU foam, Leather, silicon foam, coated fabric, PVC flooring, Honeycomb sheet, Adhesive, Window seal, cable seath, Painted sheet, Acrylic sheet GFRE, NAFTA sheet, Compressed Laminate, phenolic resin sheet	Conventional Index of Toxicity, CIT	0.01-25	EN17084/T11.01, T11.02, T12 of EN 45545-2	Permanent
316	Material used in Ships	Toxicity Index	0.01-10	NES 713	Permanent
317	Cables, cable containment, relay, mcb, contractors, switch, PCB, Flexible metal, rubber, hose, Fibre reinforced plastic, Laminate, DGFRP, LP sheet, Compreg, Plywood, Upholstery, PU foam, Leather, silicon foam, coated fabric, PVC flooring, Honeycomb sheet, Painted sheet, Acrylic sheet,	Toxicity Index	0.1-10	NCD 1409	Permanent



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**Address:** Plot No. 10, Village Anangpur,  
Domka Mohalla, Faridabad-121003, Haryana

**Issue date** : 28.01.2026

**Validity** : 27.01.2030

**Certificate No.:** T-0045

**Amendment date:** N/A

S.No	Product/ Material to be tested	Parameter/ Type of test/ Properties measured	Range of measurement/ Detection limit	Method/ Technique	Facility
	GFRE, NAFTC sheet, Compressed Laminate, phenolic resin sheet				
318	Material used in rail coaches	Toxicity	0.01-25	NFX 70-100-1	Permanent
319	Mineral wool, glasswool, rockwool, ceramic fibre insulation	Sulphur content	0.004- 10 %	IS 3144	Permanent
320	Mineral wool, glasswool, rockwool, ceramic fibre insulation	Oil content	0.01- 15%	IS 3144	Permanent
321	Mineral wool, glasswool, rockwool, ceramic fibre insulation	Carbon Content	0.1-25%	IS 3144	Permanent
322	Mineral wool, glasswool, rockwool, ceramic fibre insulation	Chloride content	0.001- 40%	IS 3144	Permanent
323	Mineral wool, glasswool, rockwool, ceramic fibre insulation	Organic Matter	0.3-10%	IS 3144	Permanent
324	Material used in rail coaches	Toxicity	0.01-10	NFX 70-100-2	Permanent
325	Material used in rail coaches	Toxicity	0.01-10	Bombardier SMP 800-C	Permanent
326	Material used in rail coaches	Toxicity	0.01-10	BSS 7239	Permanent
327	Material used in rail coaches	Fire Point	0-1000 Deg C	EN 60695-1-40/T08 of EN 45545-2	Permanent
328	Material used in ships	Toxicity	CO-0.1 to 1450ppm, HCl- 0.1 to 600ppm, HF- 0.1 to 600ppm, HBr- 0.1 to 600ppm, HCN- 0.1 to 140ppm, NOx- 0.1	Resolution MSC.307(88)	Permanent



Certificate

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

**Reg Office:** 307/20, 2nd Lane No. 5A, Ranjit Nagar, New Delhi 110008, India



Scope



**International Quality And Accreditation Services Pvt. Ltd.**  
(Formerly International Quality And Accreditation Services LLP,  
1/4, 1<sup>st</sup> Floor East Patel Nagar New Delhi, 110008

### Scope of Accreditation for Testing

As per ISO/IEC 17025:2017

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Page No. **23** of **23**

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S.No	Product/ Material to be tested	Parameter/ Type of test/ Properties measured	Range of measurement/ Detection limit	Method/ Technique	Facility
			to 350ppm, SO2- 0.1 to 200ppm		



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Scope