National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : IGNITO LABS PRIVATE LIMITED, DOMKAN, ANANGPUR, FARIDABAD, HARYANA, 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	CHEMICAL- PLASTIC & RESINS	Cables, cable containment, relay, mcb, contractors, switch, PCB, Composite panel, Polymetric hose, Adhesive (solid sheets), Polymeric Window seal, cable sheath	Conventional Index of Toxicity CITnlp	T12 of EN 45545-2
2	CHEMICAL- PLASTIC & RESINS	Cables, cable containment, relay, mcb, contractors, switch, PCB, Composite panel, Polymetric hose, Adhesive (solid sheets), Polymeric Window seal, cable sheath, Fiber reinforced plastic, Thermosetting Laminate, DGFRP, LP sheet, Wood-Polymer Composite material, Polymeric coated fabric (Upholstery), coated fabric, PVC flooring, Acrylic sheet, GFRE, NAFTC sheet, Compressed Laminate, phenolic resin sheet, Phenolic GRP, PU foam, Leather, silicon foam	Conventional Index of Toxicity, CITg	T11.01& T11.02 of EN 45545-2
3	CHEMICAL- PLASTIC & RESINS	Cables, cable containment, relay, mcb, contractors, switch, PCB, Composite panel, Polymetric hose, Adhesive (solid sheets), Polymeric Window seal, cable sheath, Fiber reinforced plastic, Thermosetting Laminate, DGFRP, LP sheet, Wood-Polymer Composite material, Polymeric coated fabric (Upholstery), coated fabric, PVC flooring, Acrylic sheet, GFRE, NAFTC sheet, Compressed Laminate, phenolic resin sheet, Phenolic GRP, PU foam, Leather, silicon foam	Toxicity	NCD 1409
4	CHEMICAL- PLASTIC & RESINS	mineral wool, glasswool, rockwool, Fibre reinforced plastic, Ceramic Fibre insulation	Toxicity Index	NES 713
5	MECHANICAL- BUILDINGS MATERIALS	Fire Barriers	Fire Resistance Test	EN 45545-3
6	MECHANICAL- BUILDINGS MATERIALS	Gypsum Panel, mineral wool panel, AAC block wall, calcium silicate wall, container wall	Fire Resistance Test	ASTM E119
7	MECHANICAL- BUILDINGS MATERIALS	Gypsum Panel, mineral wool panel, AAC Block wall, calcium silicate wall, container wall, Door & partition	Fire Resistance Test	IS/ISO 834-1
8	MECHANICAL- BUILDINGS MATERIALS	Gypsum Panel, mineral wool panel, aac block wall, calcium silicate wall, container wall,Ceramic Fibre insulation Door and Partition	Fire Resistance Test	EN1363-1
9	MECHANICAL- BUILDINGS MATERIALS	Gypsum Panel, mineral wool panel, aac block wall, calcium silicate wall, container wall,Ceramic Fibre insulation Door & Partition	Fire Resistance Test	BS 476 Part 22
10	MECHANICAL- BUILDINGS MATERIALS	Gypsum Panel, mineral wool panel, aac brick wall, calcium silicate wall, container wall,Ceramic Fibre insulation Door & Partition	Fire Resistance Test	BS 476-20
11	MECHANICAL- BUILDINGS MATERIALS	Gypsum panel, mineral wool, AAV blocks, Calcium Silicate wall, container wall	Fire Resistance Test	ISO 3009-1
12	MECHANICAL- BUILDINGS MATERIALS	Gypsum Panel, mineral wool, panel, AAC block wall, calcium silicate wall, container wall	Fire Resistance Test	IS/ISO 834-8

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13	MECHANICAL- BUILDINGS MATERIALS	Laminate, polystrene and metal ceiling tile, gypsum board, mineral wool, glass wool, plywood,Ceramic Fibre insulation	Fire Propagation Index	BS 476-6
14	MECHANICAL- BUILDINGS MATERIALS	Laminate, polystrene and metal ceiling tile, gypsum board, mineral wool, glass wool, plywood,Ceramic Fibre insulation	Surface Spread of Flame	BS 476-7
15	MECHANICAL- BUILDINGS MATERIALS	Laminates, ACP panel, Ceiling tiles, Claddings, Ceramic Fibre insulation	Fire Growth Rate Indices, FIGRA	EN 13823
16	MECHANICAL- BUILDINGS MATERIALS	Laminates, ACP panel, Ceiling tiles, Claddings, Ceramic Fibre insulation	Gross Heat of Combustion	ISO 1716
17	MECHANICAL- BUILDINGS MATERIALS	Laminates, ACP panel, Ceiling tiles, Claddings,Ceramic Fibre insulation	Total heat release (THR)	EN 13823
18	MECHANICAL- BUILDINGS MATERIALS	Laminates, ACP panel, Ceiling tiles, Claddings,Ceramic Fibre insulation	Smoke Growth rate index (SMOGRA)	EN 13823
19	MECHANICAL- BUILDINGS MATERIALS	Laminates, ACP panel, Ceiling tiles, Claddings, Ceramic Fibre insulation	Total smoke production (TSP)	EN 13823
20	MECHANICAL- BUILDINGS MATERIALS	Lift Landing Doors	Fire Resistance Test	EN 81-58
21	MECHANICAL- BUILDINGS MATERIALS	Marble, tiles, mineral wool glass wool, gypsum board, Ceramic Fibre insulation	Non-Combustibility	ASTM E136
22	MECHANICAL- BUILDINGS MATERIALS	Marble, tiles, mineral wool, glass wool, gypsum board, Ceramic Fibre insulation	Non-Combustibility	ISO 1182
23	MECHANICAL- BUILDINGS MATERIALS	Marble, tiles, mineral wool, glass wool, gypsum board, Ceramic Fibre insulation	Non-Combustibility	BS 476-4
24	MECHANICAL- BUILDINGS MATERIALS	Marble, tiles, mineral wool, glass wool, gypsum board, Ceramic Fibre insulation	Non-Combustibility	IS 3808
25	MECHANICAL- BUILDINGS MATERIALS	Wood, Laminate, Ceiling panel, Insulation Material	Flame spread Index, FSI	ASTM E84
26	MECHANICAL- BUILDINGS MATERIALS	Wood, Laminate, Ceiling panel, Insulation Material	Smoke Developed Index, SDI	ASTM E84
27	MECHANICAL- BUILDINGS MATERIALS	Wooden, Metal and Glazed Door	Fire Resistance Test	BS EN 1634-1
28	MECHANICAL- BUILDINGS MATERIALS	Wooden, Metal and Glazed Door	Fire Resistance Test	IS 3614-2
29	MECHANICAL- BUILDINGS MATERIALS	Wooden, Metal and Glazed Door	Fire Resistance Test	ISO 3008-1
30	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	DGFRP, GFRE, LP, NAFTC, Compressed Laminate	Density	MDTS 46303 (Appendix-A)
31	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	DGFRP, GFRE, LP, NAFTC, Compressed Laminate	Resistance to immersion in boiling water	IS 2046 (Appendix-D)

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32	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	DGFRP, GFRE, LP, NAFTC, Compressed Laminate	Water Absorption	MDTS 46303 (Appendix-E)
33	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Flexible and Rigid Foam	Density	IS 7888 (Cl.4)
34	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Flexible and Rigid Foam	Flammability	IS 7888 (Cl.11)
35	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Granules and powder	Density	IS 13360 (P-3, Sec-2)
36	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Granules and powder	Density	IS 13360 (P-3, Sec-3)
37	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Mineral wool, glasswool, rockwool,ceramic fibre insulation	"Shot content retained on 500 micron sieve, percent by mass"	IS 3144
38	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Mineral wool, glasswool, rockwool,ceramic fibre insulation	Bulk Density	IS 3144
39	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Mineral wool, glasswool, rockwool,ceramic fibre insulation	Moisture Absorption	IS 3144
40	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Mineral wool, glasswool, rockwool,ceramic fibre insulation	Moisture Content	IS 3144
41	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Mineral wool, glasswool, rockwool,ceramic fibre insulation	Shot content retained on 250 micron sieve, percent by mass"	IS 3144
42	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic sheet, Polymer sheet, Fibre reinforced plastic, Laminate	Horizontal and Vertical Flammability at 50W	UL 94
43	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic sheet, Polymer sheet, fibre reinforced plastic, Laminate	Density	ASTM D792
44	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic sheet, Polymer sheet, fibre reinforced plastic, Laminate	Water absorption	ASTM D570
45	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic sheet, Polymer sheet,Fibre reinforced plastic, Laminate	Dimension (Length, Width , Thickness)	IS 3144
46	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic sheet, Polymer sheet,Fibre reinforced plastic, Laminate	Water absorption	ASTM D570
47	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic sheet, Polymer sheet,Fibre reinforced plastic, Laminate	Water absorption	IS 13360 (P-8, Sec-1)
48	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic sheet, Polymer sheet,fibre reinforced plastic, Laminate, ceramic fibre insulation	Water Absorption	IS 13360 (P-8, Sec-1)
49	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic& Polymer films and sheets	Water Vapour Transmission Rate	ASTM E96/E96-M

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50	MECHANICAL- THERMAL TESTS	rubber,Fibre reinforced plastic, Laminate, DGFRP, LP sheet, Compreg, Plywood,Upholstery, PU foam, Leather, silicon foam, coated fabric , PVC flooring, Honeycomb sheet, Painted sheet, GFRE, NAFTC sheet, Compressed Laminate, phenolic resin sheet	Deterioration of visibility due to smoke	UIC 564-2 App. 15
51	MECHANICAL- THERMAL TESTS	Cables, cable containment, Flexible metal, rubber,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, hose pipe,GFRE, NAFTC sheet, Compressed Laminate, phenolic resin sheet	Oxygen Index	ASTM D2863
52	MECHANICAL- THERMAL TESTS	Cables, cable containment, Flexible metal, rubber,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, hose pipe,GFRE, NAFTC sheet, Compressed Laminate, phenolic resin sheet	Oxygen Index	IS 13360-6-19
53	MECHANICAL- THERMAL TESTS	Cables, cable containment, Flexible metal, rubber,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, hose pipe,GFRE, NAFTC sheet, Compressed Laminate, phenolic resin sheet	Oxygen Index	ISO 4589-2
54	MECHANICAL- THERMAL TESTS	Cables, cable containment, Flexible metal, rubber,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, hose pipe,GFRE, NAFTC sheet, Compressed Laminate, phenolic resin sheet,Phenolic GRP	Maximum Average Rate of Heat Emission, MARHE	ISO 5660-1
55	MECHANICAL- THERMAL TESTS	Cables, cable containment,relay,mcb, contractors,switch,PCB, Flexible metal, rubber, hose,	Flammability	IEC 60695-11-10
56	MECHANICAL- THERMAL TESTS	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,GFRE, NAFTC sheet, Compressed Laminate, phenolic resin sheet, Phenolic GRP	Smoke Density, Ds , Ds Max, VOF4	ISO 5659-2
57	MECHANICAL- THERMAL TESTS	Coated and uncoated textile	Spread of Flame	UIC 564-2 App. 5
58	MECHANICAL- THERMAL TESTS	DGFRP, GFRE, LP, NAFTC, Compressed Laminate, Compreg, Phenolic resin sheet, Painted sheet, Fibre reinforced plastic, Phenolic GRP, Fire retardant Plywood	Critical flux at extinguishment , CFE	ISO 5658-2

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59	MECHANICAL- THERMAL TESTS	Floor carpet, PVC flooring, vinyl flooring, pvc free flooring, compreg	Wind opposed burning behaviour	ISO 9239-1
60	MECHANICAL- THERMAL TESTS	Foam	Spread of Flame	UIC 564-2 App. 8
61	MECHANICAL- THERMAL TESTS	Laminate, Upholstery, PU foam. Leather, silicon foam, acrylic, water proofing membrane, acp pane, cladding,	Ignitability	ISO 11925-2
62	MECHANICAL- THERMAL TESTS	Mineral wool, glasswool, rockwool	Maximum service Temperature	IS 3144
63	MECHANICAL- THERMAL TESTS	mineral wool, glasswool, rockwool, Ceramic Fibre insulation	Thermal Conductivity	IS 3346
64	MECHANICAL- THERMAL TESTS	mineral wool, glasswool, rockwool, fibre reinforced plastic, Ceramic Fibre insulation	Fire Classification test	MSC 88/26
65	MECHANICAL- THERMAL TESTS	mineral wool, glasswool, rockwool, fibre reinforced plastic, Ceramic Fibre insulation	Oxygen Index	NES 714
66	MECHANICAL- THERMAL TESTS	mineral wool, glasswool, rockwool, fibre reinforced plastic, Ceramic Fibre insulation	Smoke Index	NES 711
67	MECHANICAL- THERMAL TESTS	mineral wool, glasswool, rockwool, fibre reinforced plastic, Ceramic Fibre insulation	Temperature Index	NES 715
68	MECHANICAL- THERMAL TESTS	Rigid non thermoplastic	Spread of Flame	UIC 564-2 App. 4
69	MECHANICAL- THERMAL TESTS	Rigid thermoplastics	Spread of Flame	UIC 564-2 App. 11
70	MECHANICAL- THERMAL TESTS	Upholstery, Coated fabric	Oxygen Index	IS 13501