National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : INDIAN INSTITUTE OF PACKAGING, LUX-3, SANATH NAGAR, HYDERABAD, TELANGANA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9217 **Page No** 1 of 5

Validity 18/01/2021 to 17/01/2023 **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	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metal Drums	Dimension	IS 1783 (Part 1)
2	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metal Drums	Drop Test	IS 1783 (Part 1)
3	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metal Drums	Leakage Test (Air Pressure)	IS 1783 (Part 1)
4	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metal Drums	Leakage Test (Hydraulic Pressure)	IS 1783 (Part 1)
5	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metal Drums	Seam Width	IS 1783 (Part 1)
6	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metal Drums	Thickness	IS 1783 (Part 1)
7	MECHANICAL- PAPER & PAPER PRODUCTS	Corrugated Fibreboard Boxes	Bursting Strength	IS 1060 (Part 1)
8	MECHANICAL- PAPER & PAPER PRODUCTS	Corrugated Fibreboard Boxes	Cobb Test	IS 4006 (Part 1)
9	MECHANICAL- PAPER & PAPER PRODUCTS	Corrugated Fibreboard Boxes	Combined Internal Dimension	IS 2771 (Part 1)
10	MECHANICAL- PAPER & PAPER PRODUCTS	Corrugated Fibreboard Boxes	Compression Strength	IS 7028 (Part 6)
11	MECHANICAL- PAPER & PAPER PRODUCTS	Corrugated Fibreboard Boxes	Drop Test	IS 7028 (Part 4)
12	MECHANICAL- PAPER & PAPER PRODUCTS	Corrugated Fibreboard Boxes	Edge Compression Test	IS 7063 (Part 2)
13	MECHANICAL- PAPER & PAPER PRODUCTS	Corrugated Fibreboard Boxes	External Dimension	IS 2771 (Part 1)
14	MECHANICAL- PAPER & PAPER PRODUCTS	Corrugated Fibreboard Boxes	Flat Compression Test	TAPPI T808
15	MECHANICAL- PAPER & PAPER PRODUCTS	Corrugated Fibreboard Boxes	Grammage (Individual Ply)	IS 7063 (Part IV)
16	MECHANICAL- PAPER & PAPER PRODUCTS	Corrugated Fibreboard Boxes	Inclined Impact Test	IS 7028 (Part 3)

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17	MECHANICAL- PAPER & PAPER PRODUCTS	Corrugated Fibreboard Boxes	Internal Dimension	IS 2771 (Part 1)
18	MECHANICAL- PAPER & PAPER PRODUCTS	Corrugated Fibreboard Boxes	Moisture Content	IS 1060 (Part I)
19	MECHANICAL- PAPER & PAPER PRODUCTS	Corrugated Fibreboard Boxes	No. of Ply	IS 2771 (Part 1)
20	MECHANICAL- PAPER & PAPER PRODUCTS	Corrugated Fibreboard Boxes	Puncture Resistance Test	IS: 4006 (Part 2)
21	MECHANICAL- PAPER & PAPER PRODUCTS	Corrugated Fibreboard Boxes	Rolling Test	IS 7028 (Part 5)
22	MECHANICAL- PAPER & PAPER PRODUCTS	Corrugated Fibreboard Boxes	Stack Load Test	IS 7028 (Part 1)
23	MECHANICAL- PAPER & PAPER PRODUCTS	Corrugated Fibreboard Boxes	Style of Box	IS 6481
24	MECHANICAL- PAPER & PAPER PRODUCTS	Corrugated Fibreboard Boxes	Type of Flute	IS 2771 (Part 1)
25	MECHANICAL- PAPER & PAPER PRODUCTS	Corrugated Fibreboard Boxes	Water Spray Test	IS 10212 (Part 1)
26	MECHANICAL- PAPER & PAPER PRODUCTS	Paper	Ash Content	IS 1060 (Part I)
27	MECHANICAL- PAPER & PAPER PRODUCTS	Paper	Breaking Length	IS 1060 (Part 1)
28	MECHANICAL- PAPER & PAPER PRODUCTS	Paper	Brightness	IS/ISO 2470 (Part 1)
29	MECHANICAL- PAPER & PAPER PRODUCTS	Paper	Burst Factor	IS 1060 (Part 1)
30	MECHANICAL- PAPER & PAPER PRODUCTS	Paper	Burst Index	IS 1060 (Part 1)
31	MECHANICAL- PAPER & PAPER PRODUCTS	Paper	Bursting Strength	IS 1060 (Part 1)
32	MECHANICAL- PAPER & PAPER PRODUCTS	Paper	Cobb Test	IS 1060 (Part 1)
33	MECHANICAL- PAPER & PAPER PRODUCTS	Paper	Elongation	IS 1060 (Part 1)
34	MECHANICAL- PAPER & PAPER PRODUCTS	Paper	Grammage/Substance	IS 1060 (Part 1)
35	MECHANICAL- PAPER & PAPER PRODUCTS	Paper	Heavy Metals Content Test	ASTM E1508-12a

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36	MECHANICAL- PAPER & PAPER PRODUCTS	Paper	Ink Feathering Test	IS 1060 (Part 1)
37	MECHANICAL- PAPER & PAPER PRODUCTS	Paper	Moisture Content	IS 1060 (Part 1)
38	MECHANICAL- PAPER & PAPER PRODUCTS	Paper	Opacity	IS/ISO 2471
39	MECHANICAL- PAPER & PAPER PRODUCTS	Paper	pH Value	IS 1060 (Part 1)
40	MECHANICAL- PAPER & PAPER PRODUCTS	Paper	Porosity	IS 11080
41	MECHANICAL- PAPER & PAPER PRODUCTS	Paper	Scuff Proofness Test	IS 4006 (Part 1)
42	MECHANICAL- PAPER & PAPER PRODUCTS	Paper	Smoothness	IS 9894
43	MECHANICAL- PAPER & PAPER PRODUCTS	Paper	Surface pH	IS 1060 (Part 3)
44	MECHANICAL- PAPER & PAPER PRODUCTS	Paper	Tensile Index	IS 1060 (Part 1), IS 1397
45	MECHANICAL- PAPER & PAPER PRODUCTS	Paper	Tensile Strength	IS 1060 (Part 1)
46	MECHANICAL- PAPER & PAPER PRODUCTS	Paper board	Breaking Length	IS 1397, IS 1060: P 1
47	MECHANICAL- PAPER & PAPER PRODUCTS	Paper board	Burst Factor	IS 1060 (Part 1)
48	MECHANICAL- PAPER & PAPER PRODUCTS	Paper board	Burst Index	IS 1397
49	MECHANICAL- PAPER & PAPER PRODUCTS	Paper board	Bursting Strength	IS 1060
50	MECHANICAL- PAPER & PAPER PRODUCTS	Paper board	Cobb Test	IS 1397
51	MECHANICAL- PAPER & PAPER PRODUCTS	Paper board	Elongation	IS 1397
52	MECHANICAL- PAPER & PAPER PRODUCTS	Paper board	Grammage/Substance	IS 1060 (Part 1)
53	MECHANICAL- PAPER & PAPER PRODUCTS	Paper board	Moisture Content	IS 1397
54	MECHANICAL- PAPER & PAPER PRODUCTS	Paper board	Stiffness	IS 4006 (Part 2)

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55	MECHANICAL- PAPER & PAPER PRODUCTS	Paper board	Tensile Index	IS 1397
56	MECHANICAL- PAPER & PAPER PRODUCTS	Paper board	Tensile Strength	IS 1397
57	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Blow Moulded Plastics Containers	Air Leakage Test	IMDG Code Chapter 6.1 ICAO/IATA Section 6, IS 6312
58	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Blow Moulded Plastics Containers	Brimful Capacity	IS 2798
59	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Blow Moulded Plastics Containers	Closure Leakage Test	IS 2798
60	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Blow Moulded Plastics Containers	Closure Leakage Test (Keeping on Floor)	IS 6312
61	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Blow Moulded Plastics Containers	Drop Test	IS 6312
62	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Blow Moulded Plastics Containers	E.S.C.R	IS 8747
63	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Blow Moulded Plastics Containers	Handle Pull Strength	IS 6312
64	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Blow Moulded Plastics Containers	Hydraulic Pressure Test	IMDG Code Chapter 6.1 ICAO/IATA Section 6, IS 6312
65	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Blow Moulded Plastics Containers	Thickness	IS 2508
66	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE / PP Bags	Breaking Load	IS 1969
67	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE / PP Bags	Denier	IS 7703
68	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE / PP Bags	Dimension	IS 11652
69	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE / PP Bags	Ends & Picks	IS 9755
70	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE / PP Bags	Mesh	IS 1963
71	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE / PP Bags	No. of Stitches of Seam	IS 11652
72	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE / PP Bags	Seam Strength	IS 9030
73	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastcs Materials	Melt Flow Index (MFI)	ASTM D1238

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74	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Films & Laminates	Heavy Metals Content Test	ASTM E1508-12a
75	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Films and Laminates	Bond Strength	ASTM D903
76	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Films and Laminates	Dart Impact Test	IS 2508
77	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Films and Laminates	Elongation	IS 2508
78	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Films and Laminates	Overall (or Global) Migration	IS 9845, IS 9833
79	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Films and Laminates	pH Value	IS 13262
80	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Films and Laminates	Seal Strength	ASTM F88
81	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Films and Laminates	Tensile Strength	IS 2508
82	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Films and Laminates	Water Vapour Transmission Rate (WVTR)	ASTM F 1249
83	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Materials	Identification of Plastic Material	ASTM D3418
84	MECHANICAL- WOOD AND WOOD PRODUCTS	Wooden Pallet	Bending Test	IS 6219
85	MECHANICAL- WOOD AND WOOD PRODUCTS	Wooden Pallet	Corner Drop Test	IS 6219