National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : INDIAN INSTITUTE OF PACKAGING, CFC BUILDING, GIDC APPAREL PARK, KHOKHARA, AHMEDABAD, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

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Validity 26/09/2021 to 25/09/2023 **Last Amended on** 06/10/2021

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	HDPE/PP Woven Sacks	Ash Content	IS 14887
2	CHEMICAL- PLASTIC & RESINS	Plastic Bottle	Potability Test	IS 15410
3	CHEMICAL- PLASTIC & RESINS	Plastic Bottle & Container	E.S.C.R.	IS 8747
4	CHEMICAL- PLASTIC & RESINS	Plastic Container	E.S.C.R.	IS 6312
5	CHEMICAL- PLASTIC & RESINS	Plastics & Allied Materials	Migration Test (Overall)	IS 9845
6	MECHANICAL- PAPER & PAPER PRODUCTS	Corrugated Fibre Board	Edge Crush Test	IS 7063 Part 2
7	MECHANICAL- PAPER & PAPER PRODUCTS	Corrugated Fibre Board	Inclined Impact Test	IS 7028 : Part 3
8	MECHANICAL- PAPER & PAPER PRODUCTS	Corrugated Fibre Board	Substance/ Grammage	IS 7063 (Part 4)
9	MECHANICAL- PAPER & PAPER PRODUCTS	Corrugated Fibre Board	Vibration Test	IS 7028 (Part 2)
10	MECHANICAL- PAPER & PAPER PRODUCTS	Corrugated Fibre Board & Fibreboard Drum	Drop Test	IMDG Code, Vol 1, Part 6 & IS 7028 (Part 4)
11	MECHANICAL- PAPER & PAPER PRODUCTS	Corrugated Fibre Board (CFB)	Puncture Resistance Test	IS 4006 part 2
12	MECHANICAL- PAPER & PAPER PRODUCTS	Corrugated Fibre Board Box	Dimension	IS 2771 (Part 1)
13	MECHANICAL- PAPER & PAPER PRODUCTS	Corrugated fibre board box	No. of Plies	IS 2771
14	MECHANICAL- PAPER & PAPER PRODUCTS	Corrugated Fibre Board Boxes	Compression Strength	ASTM D 642
15	MECHANICAL- PAPER & PAPER PRODUCTS	Corrugated Fibre Board Boxes	Compression Strength	IS 7028 (part 6):
16	MECHANICAL- PAPER & PAPER PRODUCTS	Corrugated Fibre Board Boxes	Rolling Test	IS 7028
17	MECHANICAL- PAPER & PAPER PRODUCTS	Corrugated Fibre Board Boxes	Style of Box	IS 6481
18	MECHANICAL- PAPER & PAPER PRODUCTS	Corrugated Fibre Board Boxes	Type of Flute	IS 2771

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19	MECHANICAL- PAPER & PAPER PRODUCTS	Paper	Burst Factor	IS 1060 : Part 1
20	MECHANICAL- PAPER & PAPER PRODUCTS	Paper	Bursting Strength	IS 1060 (Part 6/Sec 2)
21	MECHANICAL- PAPER & PAPER PRODUCTS	Paper	Folding Endurance Test	IS 1060;: Part 1
22	MECHANICAL- PAPER & PAPER PRODUCTS	Paper	Wax Pick Number	IS 1060 Part 3
23	MECHANICAL- PAPER & PAPER PRODUCTS	Paper & Paper Board	Moisture Content	IS: 1060 Part 1
24	MECHANICAL- PAPER & PAPER PRODUCTS	Paper & Paper Board	pH	IS: 1060 Part 1
25	MECHANICAL- PAPER & PAPER PRODUCTS	Paper and Paper board	Ash Content	IS 1060: Part 1
26	MECHANICAL- PAPER & PAPER PRODUCTS	Paper and paper board	Scuff Proof Test / Abrasion Loss	IS 4006 : Part 2
27	MECHANICAL- PAPER & PAPER PRODUCTS	Paper and paper board	Smoothness / roughness of a paper	IS 9894
28	MECHANICAL- PAPER & PAPER PRODUCTS	Paper and Paper board	Tear Index	IS 1060 part - 1
29	MECHANICAL- PAPER & PAPER PRODUCTS	Paper and Paper Products	Tear Strength	IS 1060
30	MECHANICAL- PAPER & PAPER PRODUCTS	Paper Board & Corrugated Fibre Board Boxes	Burst Index	IS 1060 (Part 6, Sec 2)
31	MECHANICAL- PAPER & PAPER PRODUCTS	Paper Board & Corrugated Fibre Board Boxes	Bursting Strength	IS 1060 (Part 7/Sec1)
32	MECHANICAL- PAPER & PAPER PRODUCTS	Paper, Paper Board & Corrugated Fibre Board	Tensile Index	IS 1060 (Part 5, Sec 6)
33	MECHANICAL- PAPER & PAPER PRODUCTS	Paper, Paper Board & Corrugated Fibre Board	Tensile Strength & Elongation	IS 1060 (Part 5/Sec 6)
34	MECHANICAL- PAPER & PAPER PRODUCTS	Paper, Paperboard	Brightness	TAPPI T452
35	MECHANICAL- PAPER & PAPER PRODUCTS	Paper, Paperboard	Diffuse Opacity (paper backing)	TAPPI T 519
36	MECHANICAL- PAPER & PAPER PRODUCTS	Paper, Paperboard	Grammage	IS 1060 (Part 5/Sec5), IS 1060 (Part 1)
37	MECHANICAL- PAPER & PAPER PRODUCTS	Paper, Paperboard & Corrugated Fibre Board	Breaking Length	IS 1060 (Part 1)

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38	MECHANICAL- PAPER & PAPER PRODUCTS	Paper, Paperboard & Corrugated Fibre Board	Thickness	IS 1060 (Part 5/Sec 3), IS 1060 (Part 1)
39	MECHANICAL- PAPER & PAPER PRODUCTS	Paper, Paperboard & Corrugated Fibreboard	Water Absorptiveness Test - Cobb Method	IS 1060 (Part 5/Sec 4)
40	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Flexible intermediate bulk containers (FIBCs)	Cyclic Top lift test & Load to failure	IS 14738
41	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Flexible intermediate bulk containers (FIBCs)	Cyclic Top lift test & Load to failure	ISO 21898
42	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Flexible intermediate bulk containers (FIBCs)	UV Resistant Test	IS 14738
43	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Flexible intermediate bulk containers (FIBCs)	UV Resistant Test	ISO 21898
44	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Flexible intermediate bulk containers (FIBCs) for dangerous goods	Drop Test	IMDG Code, Vol. 1, Part 6
45	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Flexible intermediate bulk containers (FIBCs) for dangerous goods	Righting Test	IMDG Code, Vol. 1, Part 6
46	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Flexible intermediate bulk containers (FIBCs) for dangerous goods	Stacking Test	IMDG Code, Vol. 1, Part 6
47	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Flexible intermediate bulk containers (FIBCs) for dangerous goods	Tear Test	IMDG Code, Vol. 1, Part 6
48	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Flexible intermediate bulk containers (FIBCs) for dangerous goods	Top Lift Test	IMDG Code, Vol. 1, Part 6
49	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Flexible intermediate bulk containers (FIBCs) for dangerous goods	Topple Test	IMDG Code, Vol. 1, Part 6
50	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Flexible intermediate bulk containers (FIBCs) for non-dangerous goods	Compression / Stacking Test	IS 14738
51	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Flexible intermediate bulk containers (FIBCs) for non-dangerous goods	Compression / Stacking Test	ISO 21898
52	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/PP Woven Sacks	Breaking Strength	IS 1969 (Part 1)
53	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/PP Woven Sacks	Denier	IS 7703
54	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/PP Woven Sacks	Dimensions	IS 1954
55	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/PP Woven Sacks	Ends per dm / picks per dm	IS 1963
56	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/PP Woven Sacks	Mass per unit area	IS 1964

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57	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/PP Woven Sacks	Mesh (Warp and Weft Threads per centimeter)	IS 1963
58	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/PP Woven Sacks	No. of Stitches of seam	IS 11652
59	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/PP Woven Sacks	Seam Strength	IS 9030
60	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic & Allied Material	Heat Seal Strength	ASTM F88 M 09
61	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Container	Closure Leakage Test	IS 2798
62	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Container	Effectiveness of closure	IS 6312
63	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Container	Hydrostatic Test / Internal Pressure (Hydraulic) Test	IMDG Code-Vol-1(part-6):2018, IS 6312
64	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Container	Pressure Tightness Test	IS 6312
65	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Container	Stack Load Test/ Top Load Test	IMDG Code-Vol-1(part-6):2018, IS 2798, IS 6312
66	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Containers	Air Pressure Leakage Test / Leakproofness Test	IMDG Code-Vol-1(part-6):2018, IS 2798
67	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Containers	Closure leakage test	IS 6312
68	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Containers	Drop Impact Test / Drop Test	IMDG Code-Vol-1(part-6):2018, IS 2798, IS 6312
69	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Containers	Ink adhesion of printed containers	IS 2798
70	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Containers	Thickness	IS 2798
71	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Laminates	Peel Strength	ASTM D 903
72	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics & Allied Materials	Elongation at break	IS 2508
73	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics & Allied Materials	Tensile Strength / Breaking Load	IS 2508
74	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics & Allied Materials	Thickness	IS 2508