National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : INDIAN INSTITUTE OF PACKAGING (NORTHERN REGIONAL CENTRE), PLOT NO. 21, PATPARGANJ INDUSTRIAL AREA, DELHI, INDIA

Accreditation Standard ISO/IEC 17025:2017

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Validity 13/03/2022 to 12/03/2024 **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	CHEMICAL- CORROSION TESTS	Mettalic products and Raw Materials	SALT SPRAY TEST	ASTM B 117
2	CHEMICAL- PAPER AND PULP	PAPER, PAPER BOARD AND CORRUGATED FIBER BOARD BOXES	COBB TEST	IS 1060 (PART I)
3	CHEMICAL- PAPER AND PULP	PAPER, PAPER BOARD AND CORRUGATED FIBER BOARD BOXES	MOISTURE CONTENT	IS 1060 (PART 1)
4	CHEMICAL- PAPER AND PULP	PAPER, PAPER BOARD AND CORRUGATED FIBER BOARD BOXES	WATER PROOFNESS TEST	IS 40006 (PART I)
5	CHEMICAL- PLASTIC & RESINS	PLASTIC CONTAINERS, FILMS, LAMINATES & THIN SHEETING	ENVIRONMENTAL STRESS CRACK RESISTANCE	IS 6312
6	CHEMICAL- PLASTIC & RESINS	PLASTIC CONTAINERS, FILMS, LAMINATES & THIN SHEETING	ENVIRONMENTAL STRESS CRACK RESISTANCE	IS 8747
7	CHEMICAL- PLASTIC & RESINS	PLASTIC CONTAINERS, FILMS, LAMINATES & THIN SHEETING	MIGRATION TEST (OVERALL)	IS 9845
8	CHEMICAL- PLASTIC & RESINS	Plastic products	Density	ASTM D792
9	MECHANICAL- MECHANICAL PROPERTIES OF METALS	METAL CONTAINERS	Average height of seam	IS 1783 (PART I)
10	MECHANICAL- MECHANICAL PROPERTIES OF METALS	METAL CONTAINERS	DROP TEST	IS 1783 (PART 1)
11	MECHANICAL- MECHANICAL PROPERTIES OF METALS	METAL CONTAINERS	HYDRAULIC PRESSURE TEST	IS 1783 (PART I)
12	MECHANICAL- MECHANICAL PROPERTIES OF METALS	METAL CONTAINERS	LEAKAGE TEST (AIR PRESSURE)	IS 1783 (PART I)
13	MECHANICAL- MECHANICAL PROPERTIES OF METALS	METAL CONTAINERS	Maximum external diameter of the drum at top	IS 1783 (PART I)
14	MECHANICAL- MECHANICAL PROPERTIES OF METALS	METAL CONTAINERS	Maximum Height of the drum	IS 1783 (PART I)
15	MECHANICAL- MECHANICAL PROPERTIES OF METALS	METAL CONTAINERS	Minimum internal diameter at middle	IS 1783 (PART I)

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16	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METAL CONTAINERS	Minimum internal diameter of the opening	IS 1783 (PART I)
17	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METAL CONTAINERS	Minimum thickness of body sheet	IS 1783 (PART I)
18	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METAL CONTAINERS	Minimum thickness of bottom sheet	IS 1783 (PART I)
19	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METAL CONTAINERS	Minimum thickness of top sheet	IS 1783 (PART I)
20	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METAL CONTAINERS	SEAM (TRIPLE SEAM, SPIRAL SEAM)	IS 1783 (PART I)
21	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METAL CONTAINERS	THICKNESS	IS 1783 (PART I)
22	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METAL CONTAINERS	Weight of empty drum	IS 1783 (PART I)
23	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METAL CONTAINES	DIAMETER OF CLOSURE	IS 1783 (PART I)
24	MECHANICAL- PAPER & PAPER PRODUCTS	PAPER AND PAPER BOARD	BREAKING LENGTH	IS 1060 (PART 1)
25	MECHANICAL- PAPER & PAPER PRODUCTS	PAPER AND PAPER BOARD	BRIGHTNESS	TAPPI-452
26	MECHANICAL- PAPER & PAPER PRODUCTS	PAPER AND PAPER BOARD	BURST FACTOR	IS 1060 (PART 1)
27	MECHANICAL- PAPER & PAPER PRODUCTS	PAPER AND PAPER BOARD	BURST INDEX	IS 1060 (PART 1)
28	MECHANICAL- PAPER & PAPER PRODUCTS	PAPER AND PAPER BOARD	BURSTING STRENGTH	IS 1060 (PART 1)
29	MECHANICAL- PAPER & PAPER PRODUCTS	PAPER AND PAPER BOARD	EDGE CRUSH TEST	IS 7063 (PART II)
30	MECHANICAL- PAPER & PAPER PRODUCTS	PAPER AND PAPER BOARD	FLAT CRUSH TEST	TAPPI-808
31	MECHANICAL- PAPER & PAPER PRODUCTS	PAPER AND PAPER BOARD	RING CRUSH TEST	IS 4006 (PART 1)

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32	MECHANICAL- PAPER & PAPER PRODUCTS	PAPER AND PAPER BOARD	tensile index	IS 1060 (Part 1)
33	MECHANICAL- PAPER & PAPER PRODUCTS	PAPER AND PAPER BOARD	TENSILE STRENGTH AND ELONGATION	IS 1060 (PART 1)
34	MECHANICAL- PAPER & PAPER PRODUCTS	PAPER AND PAPER BOARD	THICKNESS	IS 1060 (PART 1)
35	MECHANICAL- PAPER & PAPER PRODUCTS	Paper and Paper Products	COMBINED INTERNAL DIMENSION	IS 2771 (PART I)
36	MECHANICAL- PAPER & PAPER PRODUCTS	Paper and Paper Products	COMPRESSION STRENGTH	IS 7028 (PART 6)
37	MECHANICAL- PAPER & PAPER PRODUCTS	Paper and Paper Products	DROP TEST	IS 7028 (PART 4)
38	MECHANICAL- PAPER & PAPER PRODUCTS	Paper and Paper Products	FLAP BEND TEST	IS 2771 (PART 1)
39	MECHANICAL- PAPER & PAPER PRODUCTS	Paper and Paper Products	FLUTE (TYPE-A, TYPE-B, TYPE C, TYPE E)	IS 2771 (PART 1)
40	MECHANICAL- PAPER & PAPER PRODUCTS	Paper and Paper Products	INCLINED IMPACT TEST	IS 7028 (PART 3)
41	MECHANICAL- PAPER & PAPER PRODUCTS	Paper and Paper Products	INTERNAL/EXTERNAL DIMENSION	IS 2771 (PARTI)
42	MECHANICAL- PAPER & PAPER PRODUCTS	Paper and Paper Products	JOINT STRENGTH	IS 2771 (PART I)
43	MECHANICAL- PAPER & PAPER PRODUCTS	Paper and Paper Products	MANUFACTURERS JOINT	IS 2771 (PART 1)
44	MECHANICAL- PAPER & PAPER PRODUCTS	Paper and Paper Products	NUMBER OF PLY	IS 2771 (PART 1)
45	MECHANICAL- PAPER & PAPER PRODUCTS	Paper and Paper Products	ROLLING TEST	IS 7028 (PART 5)
46	MECHANICAL- PAPER & PAPER PRODUCTS	Paper and Paper Products	STACK LOAD TEST	IS 7028 (PART 1)
47	MECHANICAL- PAPER & PAPER PRODUCTS	Paper and Paper Products	STYLE OF BOX	IS 6481
48	MECHANICAL- PAPER & PAPER PRODUCTS	Paper and Paper Products	VIBRATION TEST	IS 7028 (PART 2)
49	MECHANICAL- PAPER & PAPER PRODUCTS	PAPER, PAPER BOARD AND CORRUGATED FIBER BOARD BOXES	GRAMMAGE/SUBSTANCE	IS 1060 (PART I)
50	MECHANICAL- PAPER & PAPER PRODUCTS	PAPER, PAPER BOARD AND CORRUGATED FIBER BOARD BOXES	INDIVIDUAL GRAMMAGE/SUBSTANCE	IS 7063 (PART IV)

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51	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	ADHESIVE TAPE	ADHESION STRENGTH OF PRESSURE SENSITIVE TAPE TO METAL	IS 8402
52	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	ADHESIVE TAPE	ADHESION STRENGTH OF PRESSURE SENSITIVE TAPE TO SELF	IS 8402
53	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	ADHESIVE TAPE	BREAKING STRENGTH	IS 8402
54	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	ADHESIVE TAPE	Elongation at break (%)	IS 8402
55	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	BLOW MOULDED CONTAINERS	BRIMFUL CAPACITY	IS 6312
56	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	BLOW MOULDED CONTAINERS	closure leakage test	IS 6312
57	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	BLOW MOULDED CONTAINERS	DROP TEST	IS 6312
58	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	BLOW MOULDED CONTAINERS	HYDRPSTATIC TEST	IS 6312
59	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	BLOW MOULDED CONTAINERS	INK ADHESION OF PRINTED CONTAINERS	IS 2798
60	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	BLOW MOULDED CONTAINERS	PRESSURE TIGHTNESS TEST	IS 6312
61	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	BLOW MOULDED CONTAINERS	STACK LOAD TEST	IS 6312
62	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	BLOW MOULDED CONTAINERS	THICKNESS	IS 2798
63	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	FILMS/LAMINATES/THIN SHEETING	ELONGATION AT BREAK	IS 13360 (PART 5/ SEC 1) AND (PART 5/SEC 3)
64	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	FILMS/LAMINATES/THIN SHEETING	HEAT SEAL STRENGTH	ASTM D 3985
65	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	FILMS/LAMINATES/THIN SHEETING	TENSILE STRENGTH AT BREAK	IS 13360 (PART 5/SEC 1) AND (PART 5/SEC 3)
66	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	FILMS/LAMINATES/THIN SHEETING	THICKNESS	IS 2508
67	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	WOVEN BAGS	BREAKING STRENGTH	IS 1969 (PART 1)
68	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	WOVEN BAGS	DENIER	IS 7703 (PART 1)

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69	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	WOVEN BAGS	ELONGATION at break %	IS 1069 (PART 1)
70	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	WOVEN BAGS	Length	IS 11652 CL6 ANNEX-A
71	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	WOVEN BAGS	SEAM STRENGTH	IS 9030
72	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	WOVEN BAGS	THREADS PER UNIT ;LENGTH	IS 1963
73	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	WOVEN BAGS	Width	IS 11652 CL6 ANNEX-A