National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : INDIAN INSTITUTE OF PACKAGING - CHENNAI, PLOT NO 169, INDUSTRIAL ESTATE, 2ND MAIN ROAD, BURMA COLONY, PERUNGUDI, CHENNAI, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6659 **Page No** 1 of 8

Validity 27/03/2022 to 26/03/2024 **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- PAPER AND PULP	Corrugated Fiber Board	Moisture Content	IS 1060 (Part 1)
2	CHEMICAL- PAPER AND PULP	Paper	Ash content	IS 1060 (Part 1)
3	CHEMICAL- PAPER AND PULP	Paper	Moisture Content	IS 1060 (Part 1)
4	CHEMICAL- PAPER AND PULP	Paper Board	Ash Content	IS 1060 (Part 1)
5	CHEMICAL- PAPER AND PULP	Paper Board	Moisture Content	IS 1060 (Part 1)
6	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metal Drum	Bead Distance	IS 1783 Part 1
7	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metal Drum	Clearance from Floor	IS 1783 Part 1
8	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metal Drum	Depth of Top	IS 1783 Part 1
9	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metal Drum	Diameter Over Chime	IS 1783 Part 1
10	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metal Drum	Dimension Centre to centre Distance Closures	IS 1783 Part 1
11	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metal Drum	Dimensional measurement	IMDG CODE
12	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metal Drum	Drop Test	IMDG CODE, IS 2552, IS 1783 (Part 1)
13	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metal Drum	External Diameter	IS 1783 Part 1
14	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metal Drum	Hydraulic Pressure Test	IMDG CODE, IS 2552, IS 1783 (Part 1)

SCOPE OF ACCREDITATION

Laboratory Name : INDIAN INSTITUTE OF PACKAGING - CHENNAI, PLOT NO 169, INDUSTRIAL ESTATE, 2ND MAIN ROAD, BURMA COLONY, PERUNGUDI, CHENNAI, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6659 **Page No** 2 of 8

Validity 27/03/2022 to 26/03/2024 **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
15	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metal Drum	Internal Diameter	IS 1783 Part 1
16	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metal Drum	Internal Diameter	IS 2552
17	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metal Drum	Leakage Test (Air pressure)	IMDG CODE, IS 2552, IS 1783 (Part 1)
18	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metal Drum	Thickness	IMDG CODE, IS 2552, IS 1783 (Part 1)
19	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metal Drum	Total Drum Height	IS 1783 Part 1
20	MECHANICAL- PAPER & PAPER PRODUCTS	Corrugated Fiber Board	Abrasion Loss	IS 4006 (Part 1)
21	MECHANICAL- PAPER & PAPER PRODUCTS	Corrugated Fiber Board	Bursting Strength	IS 1060 (Part 1)
22	MECHANICAL- PAPER & PAPER PRODUCTS	Corrugated Fiber Board	Cobb Test	IS 4006 (Part 1)
23	MECHANICAL- PAPER & PAPER PRODUCTS	Corrugated Fiber Board	Grammage	IS 7063 (Part 4)
24	MECHANICAL- PAPER & PAPER PRODUCTS	Corrugated Fiber Board	Thickness	IS 1060 (Part 1)
25	MECHANICAL- PAPER & PAPER PRODUCTS	Corrugated Fiber Board Box	Combined Dimension	IS 2771 (Part 1)
26	MECHANICAL- PAPER & PAPER PRODUCTS	Corrugated Fiber Board Box	Compression Strength	IS 7028 (Part 6)
27	MECHANICAL- PAPER & PAPER PRODUCTS	Corrugated Fiber Board Box	Drop Test	IS 7028 (Part 4)
28	MECHANICAL- PAPER & PAPER PRODUCTS	Corrugated Fiber Board Box	Edge Crush Test	IS 7063 (Part 2)
29	MECHANICAL- PAPER & PAPER PRODUCTS	Corrugated Fiber Board Box	Internal/External Dimension	IS 2771 (Part 1)
30	MECHANICAL- PAPER & PAPER PRODUCTS	Corrugated Fiber Board Box	No. of Ply/ Type of Wall Unit	IS 2771 (Part 1)
31	MECHANICAL- PAPER & PAPER PRODUCTS	Corrugated Fiber Board Box	Puncture Resistance Test	IS 4006 (Part 2)

SCOPE OF ACCREDITATION

Laboratory Name : INDIAN INSTITUTE OF PACKAGING - CHENNAI, PLOT NO 169, INDUSTRIAL ESTATE, 2ND MAIN ROAD, BURMA COLONY, PERUNGUDI, CHENNAI, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6659 **Page No** 3 of 8

Validity 27/03/2022 to 26/03/2024 **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
32	MECHANICAL- PAPER & PAPER PRODUCTS	Corrugated Fiber Board Box	Rolling Test	IS 7028 (Part 5)
33	MECHANICAL- PAPER & PAPER PRODUCTS	Corrugated Fiber Board Box	Stack Load Test	IS 7028 (Part 1)
34	MECHANICAL- PAPER & PAPER PRODUCTS	Corrugated Fiber Board Box	Style of Box	IS 6481
35	MECHANICAL- PAPER & PAPER PRODUCTS	Corrugated Fiber Board Box	Type of Flute	IS 2771 (Part 1)
36	MECHANICAL- PAPER & PAPER PRODUCTS	Corrugated Fiber Board Drum	Drop Test	IS 7028 (Part 4)
37	MECHANICAL- PAPER & PAPER PRODUCTS	Corrugated Fiber Board Drum	Stack Load Test	7028 (Part 1)
38	MECHANICAL- PAPER & PAPER PRODUCTS	Corrugated Fibre Board (CFB)	Inclined Impact Test	IS 7028 (Part 3)
39	MECHANICAL- PAPER & PAPER PRODUCTS	Corrugated Fibre Board (CFB)	Vibration Test	IS 7028 (Part 2)
40	MECHANICAL- PAPER & PAPER PRODUCTS	Paper	Abrasion Loss	IS 4006 (Part 1)
41	MECHANICAL- PAPER & PAPER PRODUCTS	Paper	Bulk	IS 1060 (Part 1)
42	MECHANICAL- PAPER & PAPER PRODUCTS	Paper	Burst Factor	IS 1060 (Part 1)
43	MECHANICAL- PAPER & PAPER PRODUCTS	Paper	Burst Index	IS 1060 (Part 1)
44	MECHANICAL- PAPER & PAPER PRODUCTS	Paper	Bursting Strength	IS 1060 (Part 1)
45	MECHANICAL- PAPER & PAPER PRODUCTS	Paper	Cobb Test	IS 1060 (Part 1)
46	MECHANICAL- PAPER & PAPER PRODUCTS	Paper	Elongation	IS 1060 (Part 1)
47	MECHANICAL- PAPER & PAPER PRODUCTS	Paper	Grammage	IS 1060 (Part 1)
48	MECHANICAL- PAPER & PAPER PRODUCTS	Paper	pH	IS 1060 (Part 1)
49	MECHANICAL- PAPER & PAPER PRODUCTS	Paper	Ring Crush Test	IS 4006 (Part 1)
50	MECHANICAL- PAPER & PAPER PRODUCTS	Paper	Tensile Index	IS 1060 (Part 1)

SCOPE OF ACCREDITATION

Laboratory Name : INDIAN INSTITUTE OF PACKAGING - CHENNAI, PLOT NO 169, INDUSTRIAL ESTATE, 2ND MAIN ROAD, BURMA COLONY, PERUNGUDI, CHENNAI, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6659 **Page No** 4 of 8

Validity 27/03/2022 to 26/03/2024 **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
51	MECHANICAL- PAPER & PAPER PRODUCTS	Paper	Tensile Strength	IS 1060 (Part 1)
52	MECHANICAL- PAPER & PAPER PRODUCTS	Paper	Thickness	IS 1060 (Part 1)
53	MECHANICAL- PAPER & PAPER PRODUCTS	Paper Board	Abrasion Loss	IS 4006 (Part 1)
54	MECHANICAL- PAPER & PAPER PRODUCTS	Paper Board	Bulk	IS 1060 (Part 1)
55	MECHANICAL- PAPER & PAPER PRODUCTS	Paper Board	Burst Factor	IS 1060 (Part 1)
56	MECHANICAL- PAPER & PAPER PRODUCTS	Paper Board	Burst Index	IS 1060 (Part 1)
57	MECHANICAL- PAPER & PAPER PRODUCTS	Paper Board	Bursting Strength	IS 1060 (Part 1)
58	MECHANICAL- PAPER & PAPER PRODUCTS	Paper Board	Cobb Test	IS 1060 (Part 1)
59	MECHANICAL- PAPER & PAPER PRODUCTS	Paper Board	Elongation	IS 1060 (Part 1)
60	MECHANICAL- PAPER & PAPER PRODUCTS	Paper Board	Grammage	IS 1060 (Part 1)
61	MECHANICAL- PAPER & PAPER PRODUCTS	Paper Board	pH	IS 1060 (Part 1)
62	MECHANICAL- PAPER & PAPER PRODUCTS	Paper Board	Tensile Index	IS 1060 (Part 1)
63	MECHANICAL- PAPER & PAPER PRODUCTS	Paper Board	Tensile Strength	IS 1060 (Part 1)
64	MECHANICAL- PAPER & PAPER PRODUCTS	Paper Board	Thickness	IS 1060 (Part 1)
65	MECHANICAL- PAPER & PAPER PRODUCTS	Paper/Paper Board	Smoothness	IS 9894
66	MECHANICAL- PAPER & PAPER PRODUCTS	Paper/paperboard	Gloss	IS 1060, ASTM D2457
67	MECHANICAL- PAPER & PAPER PRODUCTS	Paper/Paperboard	Porosity	IS 11080
68	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Blow Molded Plastic Container	Brimful capacity	IS 6312
69	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Blow Molded Plastic Container	Closure Leakage Test	IS 2798

SCOPE OF ACCREDITATION

Laboratory Name : INDIAN INSTITUTE OF PACKAGING - CHENNAI, PLOT NO 169, INDUSTRIAL ESTATE, 2ND MAIN ROAD, BURMA COLONY, PERUNGUDI, CHENNAI, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6659 **Page No** 5 of 8

Validity 27/03/2022 to 26/03/2024 **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
70	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Blow Molded Plastic Container	Closure Leakage Test (Keeping on floor)	IS 6312
71	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Blow Molded Plastic Container	Drop Test	IS 6312
72	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Blow Molded Plastic Container	Hydraulic Pressure Test (Hydro static Test)	IMDG Code
73	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Blow Molded Plastic Container	Leak Proofness Test (By air pressure)	IMDG Code
74	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Blow Molded Plastic Container	Stack Load Test	IS 6312
75	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Blow Molded Plastic Container	Thickness	IS 2798
76	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Flexible Intermediate Bulk Container (FIBC)	Drop Test	IMDG Code
77	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Flexible Intermediate Bulk Containers	Top Lift Test	IMDG Code
78	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Flexible Intermediate Bulk Containers (FIBC)	Stacking Test	IMDG Code
79	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Flexible Intermediate Bulk Containers (FIBC)	Cyclic Test & Load to Failure	IS 14738
80	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Flexible Intermediate Bulk Containers (FIBC)	Dimension- Distance between two rows of stitches	IS 14738
81	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Flexible Intermediate Bulk Containers (FIBC)	Dimension- Distance from end of the bag to the first row of stitch	IS 14738
82	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Flexible Intermediate Bulk Containers (FIBC)	Dimension- Height	IS 14738
83	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Flexible Intermediate Bulk Containers (FIBC)	Dimension- Length	IS 14738
84	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Flexible Intermediate Bulk Containers (FIBC)	Dimension- Loop free Length	IS 14738
85	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Flexible Intermediate Bulk Containers (FIBC)	Dimension- Loop on the body	IS 14738
86	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Flexible Intermediate Bulk Containers (FIBC)	Dimension- Loop width	IS 14738
87	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Flexible Intermediate Bulk Containers (FIBC)	Dimension- Spout diameter/periphery	IS 14738

SCOPE OF ACCREDITATION

Laboratory Name : INDIAN INSTITUTE OF PACKAGING - CHENNAI, PLOT NO 169, INDUSTRIAL ESTATE, 2ND MAIN ROAD, BURMA COLONY, PERUNGUDI, CHENNAI, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6659 **Page No** 6 of 8

Validity 27/03/2022 to 26/03/2024 **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
88	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Flexible Intermediate Bulk Containers (FIBC)	Dimension- Spout Height	IS 14738
89	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Flexible Intermediate Bulk Containers (FIBC)	Dimension- Tape (Yarn) width	IS 14738
90	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Flexible Intermediate Bulk Containers (FIBC)	Dimension- Width	IS 14738
91	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Flexible Intermediate Bulk Containers (FIBC)	Righting Test	IMDG CODE
92	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Flexible Intermediate Bulk Containers (FIBC)	Tear Test	IMDG Code
93	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Flexible Intermediate Bulk Containers (FIBC)	Topple Test	IMDG CODE
94	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/PP Bags	Breaking Load/Strength	IS 1969 (Part1)
95	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/PP Bags	Linear Density	IIP/CHE/LAB/17-18/M1
96	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Materials and Products	Elongation at break	IS 13360 (Part 5) sec 1
97	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Materials and Products	Overall Migration Test	IS 9845
98	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials and products	Tensile Strength	IS 13360 (Part 5) sec.1, 3
99	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials and products	Thickness	IS 2508
100	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Pallet	Corner Drop Test	IS 6219
101	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Pallet	Stacking Test	IS 6219
102	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Woven Fabric	Mass of Sack	IS 11652
103	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Woven Fabric	Seam Strength	IS 9030
104	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Woven Fabrics	Dimension- Depth of bottom seam	IS 11652
105	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Woven Fabrics	Dimension- Depth of mouth hemmed fold	IS 11652
106	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Woven Fabrics	Dimension- Distance between two rows of stitches	IS 11652

SCOPE OF ACCREDITATION

Laboratory Name : INDIAN INSTITUTE OF PACKAGING - CHENNAI, PLOT NO 169, INDUSTRIAL ESTATE, 2ND MAIN ROAD, BURMA COLONY, PERUNGUDI, CHENNAI, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6659 **Page No** 7 of 8

Validity 27/03/2022 to 26/03/2024 **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
107	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Woven Fabrics	Dimension- Distance from end of the bag to the first row of stitch	IS 11652
108	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Woven Fabrics	Dimension- Tape (Yarn) width	IS 11652
109	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Woven Fabrics	Dimension- Width of loose liner	IS 11652
110	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Woven Fabrics	Dimension- Width of the bag	IS 11652
111	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Woven Fabrics	Dimensions- Length of the bag	IS 11652
112	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Woven Fabrics	Drop Test	IS 7028 (Part 4)
113	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Woven Fabrics	Mesh	IS 1963
114	MECHANICAL- TEXTILE MATERIALS	Jute and its products	Breaking Load	IS 1969 (Part1)
115	MECHANICAL- TEXTILE MATERIALS	Jute and its products	Corrected mass per bag	IS 1964
116	MECHANICAL- TEXTILE MATERIALS	Jute and its products	Dimension- Stitch Length	IS 1954
117	MECHANICAL- TEXTILE MATERIALS	Jute and its products	Dimension- Width of the bag	IS 1954
118	MECHANICAL- TEXTILE MATERIALS	Jute and its products	Dimensions Length of the bag	IS 1954
119	MECHANICAL- TEXTILE MATERIALS	Jute and its products	Ends	IS 1963
120	MECHANICAL- TEXTILE MATERIALS	Jute and its products	Moisture Regain	IS 9113
121	MECHANICAL- TEXTILE MATERIALS	Jute and its products	Picks	IS 1963
122	MECHANICAL- TEXTILE MATERIALS	Jute and its products	Seam Strength	IS 9030
123	MECHANICAL- TEXTILE MATERIALS	Woven Fabric	Breaking Load	IS 1969 (Part1)
124	MECHANICAL- WOOD AND WOOD PRODUCTS	Wooden boxes	Drop Test	IS 7028 (Part 4)

National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : INDIAN INSTITUTE OF PACKAGING - CHENNAI, PLOT NO 169, INDUSTRIAL ESTATE, 2ND MAIN ROAD, BURMA COLONY, PERUNGUDI, CHENNAI, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6659 **Page No** 8 of 8

Validity 27/03/2022 to 26/03/2024 **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
125	MECHANICAL- WOOD AND WOOD PRODUCTS	Wooden boxes	Rolling Test	IS 7028 (Part 5)
126	MECHANICAL- WOOD AND WOOD PRODUCTS	Wooden boxes	Stack Load Test	IS 7028 (Part 1)
127	MECHANICAL- WOOD AND WOOD PRODUCTS	Wooden Pallet	Corner Drop Test	IS 6219
128	MECHANICAL- WOOD AND WOOD PRODUCTS	Wooden pallet	Stacking Test	IS 6219