

BUREAU OF INDIAN STANDARDS

Program of Work

CHD 16 : Paper based packaging materials

Scope: a) To formulate standards on terminology, methods of sampling and test, codes of practice and specifications for Paper & Paper board (coated and uncoated) used for Packaging and Serving application; Paper based packaging materials (converted and treated/coated) like cartons, trays, sacks, bags, boxes, paper based Intermediate Bulk Containers, Paper & Paper based Aluminium foil and/or multi-layered laminates, Paper based multilayer composite cartons, Paper based food and beverage accessories b) To coordinate with the work of ISO/TC 6

Liaison:

Published Standards

S.No	IS No.	TITLE	Reaffirm M-Y	No. of Amds	Eqv.
1	IS 10066 : 1981 Reviewed In : 2019	Specification for corrugated fibreboard boxes for packing cigarettes	October, 2019	1	Indigenous
2	IS 10176 : 1982 Reviewed In : 2019	Specification for fibreboard boxes for packing of soaps	October, 2019	-	Indigenous
3	IS 10177 : 1982 Reviewed In : 2019	Specification for ice cream cups and lids	October, 2019	1	Indigenous
4	IS 10528 : 1983 Reviewed In : 2019 ISO 7023	Method of sampling empty paper sacks for testing	October, 2019	1	Not Equivalent
5	IS 11052 : 2023	METHODS OF DROP TEST FOR SHIPPING PAPER SACKS		-	Indigenous
6	IS 11324 : 1985 Reviewed In : 2018	Specification for multi - Ply paper sacks for carbon black	February, 2018	2	Indigenous
7	IS 11324 : 2024	Multi-Wall Paper Sacks for Carbon Black $i\frac{1}{2}$ Specification (First Revision)		-	Indigenous
8	IS 11357 : 1985 Reviewed In : 2019	Specification for composite container for dry products	October, 2019	2	Indigenous
9	IS 11761 : 2024	MULTI-WALL PAPER SACKS FOR CEMENT $i\frac{1}{2}$ SPECIFICATION (Second Revision)		-	Indigenous
10	IS 11761 : 1997 Reviewed In : 2018	Multi - Wall paper sacks for cement - Specification (First Revision)	February, 2018	-	Indigenous
11	IS 11844 : 1987 Reviewed In : 2019	Specification for corrugated fibreboard boxes for transport packaging of apples	October, 2019	1	Indigenous
12	IS 12212 : 1987 Reviewed In : 2019	Specification for corrugated fibreboard boxes for transport packaging of butter packed in primary cartons	October, 2019	1	Indigenous

13	IS 12490 : 1988 Reviewed In : 2019	Specification for glassine paper	October, 2019	1	Indigenous
14	IS 12999 : 1990 Reviewed In : 2018	Folding box board, coated - specification	February, 2018	2	Indigenous
15	IS 13012 : 2024	Sack Kraft Paper and Extensible Kraft Paper - Specification (First Revision)		-	Indigenous
16	IS 13012 : 1990 Reviewed In : 2024	Sack kraft paper and extensible kraft paper - Specification	May, 2024	-	Indigenous
17	IS 13228 : 2006 Reviewed In : 2022	Corrugated fibreboard boxes for packing and transportation - Specification 2006 (First Revision)	October, 2022	-	Indigenous
18	IS 1397 : 2020	Kraft Paper for Packing and Wrapping — Specification (Third Revision)	-	-	Indigenous
19	IS 13975 : 1994 Reviewed In : 2023 Decision taken to Reaffirm and Archive	Axial (End - To - End) compression strength of composite cans, tubes and cores - Method of test	April, 2023	-	Indigenous
20	IS 13976 : 1994 Reviewed In : 2023 Decision taken to Reaffirm and Archive	Method of end blow - Off pressure test for composite cans	April, 2023	-	Indigenous
21	IS 1398 : 1982 Reviewed In : 2024 Decision taken to Reaffirm and Archive	SPECIFICATION FOR PACKING PAPER, WATER PROOF, BITUMEN-LAMINATED	March, 2024	1	Indigenous
22	IS 14319 : 1995 Reviewed In : 2019	Laminated paper board pack for vanaspati - Specification	October, 2019	-	Indigenous
23	IS 15576 : 2005 Reviewed In : 2021	Multiwall paper sacks for tea for export - Specification	November, 2021	-	Indigenous
24	IS 15576 : 2024	Multi-wall Paper Sacks for Tea for Export $\frac{1}{2}$ Specification (First Revision)		-	Indigenous
25	IS 16983 : 2024	Solid Bleached Sulphate Board $\frac{1}{2}$ Specification (First Revision)		-	Indigenous
26	IS 16983 : 2018 Reviewed In : 2023	Solid bleached sulphate board - Specification	June, 2023	1	Indigenous
27	IS 16984 : 2018 Reviewed In : 2023	Folding box board for general consumer product packaging - Specification	June, 2023	-	Indigenous
28	IS 16984 : 2024	Coated Folding Box Board for General Consumer Product Packaging " Specification (First Revision)		-	Indigenous
29	IS 16985 : 2018 Reviewed In : 2023 Decision taken to Reaffirm and Archive	Duplex board/coated duplex board - Specification	June, 2023	-	Indigenous
30	IS 1763 : 2024	Substances of Paper and Pulp Board $\frac{1}{2}$ Specification (First Revision)		-	Indigenous
31	IS 1763 : 1961	Specification for substances of	February, 2018	2	Indigenous

	Reviewed In : 2018	paper and pulp board			
32	IS 17753 : 2021	Paperbased Multilayer Laminated/Extruded Composite Cartons (Aseptic and Non-Aseptic) for Processed Liquid Food Products and Beverages — Specification		2	Indigenous
33	IS 1776 : 1989 Reviewed In : 2023	Folding box board, uncoated - Specification (First Revision)	February, 2023	2	Indigenous
34	IS 17846 : 2022 ISO 2528:2017 ISO 2528:2017	SHEET MATERIALS DETERMINATION OF WATER VAPOUR TRANSMISSION RATE WVTR GRAVIMETRIC DISH METHOD		-	Identical under dual numbering
35	IS 2617 : 2006 Reviewed In : 2022	Millboard, greyboard and strawboard - Specification (Second Revision)	October, 2022	1	Indigenous
36	IS 2771 (Part 1) : 2022	CORRUGATED FIBREBOARD BOXES- SPECIFICATION PART 1 GENERAL REQUIREMENTS		-	Indigenous
37	IS 2771 (Part 2) : 1975 Reviewed In : 2018	Specification for fibreboard boxes: Part 2 solid fibreboard boxes (First Revision)	February, 2018	1	Indigenous
38	IS 2991 : 1988 Reviewed In : 2018	Specification for base paper for waxed paper (First Revision)	February, 2018	2	Indigenous
39	IS 2991 : 2024	Base Paper for Waxed Paper - Specification (Second Revision)		-	Indigenous
40	IS 3263 : 1981 Reviewed In : 2024 Decision taken to Reaffirm and Archive	Specification for waxed paper for confectionery (First Revision)	March, 2024	2	Indigenous
41	IS 3303 : 2024	MATCH PAPER FOR MATCH BOX $\frac{1}{2}$ SPECIFICATION (Third Revision)		-	Indigenous
42	IS 3303 : 1997 Reviewed In : 2023	Match paper for match box - Specification (Second Revision)	January, 2023	-	Indigenous
43	IS 3962 : 1967 Reviewed In : 2024 Decision taken to Reaffirm and Archive	SPECIFICATION FOR WAXED PAPER FOR GENERAL PACKAGING	March, 2024	4	Indigenous
44	IS 4006 (Part 1) : 1985 Reviewed In : 2022	Methods of test for paper and pulp based packaging materials: Part 1 (First Revision)	November, 2022	-	Indigenous
45	IS 4006 (Part 2) : 1985 Reviewed In : 2022	Methods of test for paper and pulp based packaging materials: Part 2 (First Revision)	November, 2022	-	Indigenous
46	IS 4006 (Part 3) : 1985 Reviewed In : 2022	Methods of test for paper and pulp based packaging materials: Part 3 (First Revision)	November, 2022	-	Indigenous
47	IS 4261 : 2001 Reviewed In : 2022	Glossary of terms relating to paper and pulp based packaging materials (First Revision)	October, 2022	1	Indigenous
48	IS 4645 : 1993 Reviewed In : 2023	Code of practice for storage of paper and board (First Revision)	January, 2023	-	Indigenous
49	IS 4645 : 2024	Storage of Paper and Board $\frac{1}{2}$ Code of Practice (Second Revision)		-	Indigenous

50	IS 4661 (Part 1) : 2022 4046-1:2016 4046-1:2016	PAPER BOARD PULPS AND RELATED TERMS VOCABULARY PART 1: ALPHABETICAL INDEX		-	Identical under dual numbering
51	IS 4661 (Part 2) : 2022 4046-2:2016 4046-2:2016	PAPER BOARD PULPS AND RELATED TERMS VOCABULARY PART 2: PULPING TERMINOLOGY		-	Identical under dual numbering
52	IS 4661 (Part 3) : 2022 4046-3:2016 4046-3:2016	PAPER BOARD PULPS AND RELATED TERMS VOCABULARY PART 3: PAPER MAKING TERMINOLOGY		-	Identical under dual numbering
53	IS 4661 (Part 4) : 2022 4046-4:2016 4046-4:2016	PAPER BOARD PULPS AND RELATED TERMS VOCABULARY PART 4: PAPER AND BOARD GRADES AND CONVERTED PRODUCTS		-	Identical under dual numbering
54	IS 4661 (Part 5) : 2022 4046-5:2016 4046-5:2016	PAPER BOARD PULPS AND RELATED TERMS VOCABULARY PART 5: PROPERTIES OF PULP PAPER AND BOARD		-	Identical under dual numbering
55	IS 4664 : 1986 Reviewed In : 2022	Specification for pulp board (First Revision)	January, 2022	4	Indigenous
56	IS 4664 : 2024	Pulp Board $i_{\frac{1}{2}}$ Specification (Second Revision)		-	Indigenous
57	IS 5012 : 1987 Reviewed In : 2023	Specification for cellulose film (First Revision)	January, 2023	1	Indigenous
58	IS 5134 : 1977 Reviewed In : 2024 Decision taken to Reaffirm and Archive	Specification for bitumen impregnated paper (First Revision)	March, 2024	1	Indigenous
59	IS 6211 : 1993 Reviewed In : 2019	Code of practice for packing of paper and board (First Revision)		-	Indigenous
60	IS 6481 : 1971 Reviewed In : 2018	Guide for principal uses and styles of fibreboard containers	February, 2018	-	Indigenous
61	IS 6615 : 2021	General purpose packing/wrapping paper		-	Indigenous
62	IS 6622 : 1972 Reviewed In : 2019	Specification for grease Proof paper	October, 2019	1	Indigenous
63	IS 6671 : 2024	Germination Paper "â€” Specification (Second Revision)		-	Indigenous
64	IS 6671 : 1987 Reviewed In : 2018	Specification for germination paper (First Revision)	February, 2018	-	Indigenous
65	IS 6715 : 1972 Reviewed In : 2024 Decision taken to Reaffirm and Archive	Specification for master cartons for export of frozen sea foods and frog legs	September, 2024	-	Indigenous
66	IS 7063 (Part 1) : 2017 ISO 3034 : 2011 Reviewed In : 2021 ISO 3034	Methods of test for corrugated fibreboard: Part 1 determination of single sheet thickness (First Revision)	November, 2021	-	Identical under dual numbering
67	IS 7063 (Part 2) : 2018 ISO 3037 : 2013 Reviewed In : 2022	Method of test for corrugated fibreboard: Part 2 determination of edgewise crush resistance (Unwaxed Edge Method) (First	October, 2022	-	Identical under dual numbering

	ISO 3037	Revision)			
68	IS 7063 (Part 3) : 1976 Reviewed In : 2018 ISO 3038	Methods of test for corrugated fibreboard: Part 3 water resistance of glue bond by immersion	February, 2018	-	Not Equivalent
69	IS 7063 (Part 4) : 1976 Reviewed In : 2018 ISO 3039	Method of test for corrugated fibreboard: Part 4 determination of substance of the components papers after separation	February, 2018	-	Not Equivalent
70	IS 7149 : 1973 Reviewed In : 2024 Decision taken to Reaffirm and Archive	Specification for fibreboard boxes for canned sea foods for export	September, 2024	-	Indigenous
71	IS 7151 : 1991 Reviewed In : 2018	Corrugated fibreboard boxes for para - Dropping of supplies - specification	February, 2018	2	Indigenous
72	IS 7161 : 1973 Reviewed In : 2019	Specification for vegetable parchment or greaseproof paper/aluminium foil laminate for wrapping butter	October, 2019	-	Indigenous
73	IS 7162 : 1973 Reviewed In : 2019	Specification for waxed cartons for packaging of ice - Cream	October, 2019	-	Indigenous
74	IS 7186 : 1973 Reviewed In : 2018	Glossary of terms relating to paper and flexible packaging	February, 2018	-	Indigenous
75	IS 7601 : 1983 Reviewed In : 2018	Specification for fibreboard drums for general purposes (First Revision)	February, 2018	1	Indigenous
76	IS 8113 : 1976 Reviewed In : 2019	Specification for primary cartons for packaging butter	October, 2019	-	Indigenous
77	IS 8460 : 2023	WRAPPING TISSUE PAPER-SPECIFICATION		-	Indigenous
78	IS 8970 : 1991 Reviewed In : 2024	Alumintum foil laminatefor packaging - Specification (First Revision)	May, 2024	2	Indigenous
79	IS 9028 : 1978 Reviewed In : 2018 ISO 6590	Glossary of terms relating to paper sacks	February, 2018	-	Not Equivalent
80	IS 9042 : 1978 Reviewed In : 2023 ISO 6591 (part 1 &2)	Method of measurement and expression of the dimensions of paper sacks	September, 2023	-	Not Equivalent
81	IS 9313 : 1979 Reviewed In : 2024 Decision taken to Reaffirm and Archive	Specification for corrugated fibreboard boxes for the export packaging of glass jars and bottles filled with processed foods	September, 2024	1	Indigenous
82	IS 9493 : 1980 Reviewed In : 2019	Specification for cartons for non - Soapy detergents	October, 2019	1	Indigenous
83	IS 9588 : 1990 Reviewed In : 2019	Kraft liner - Specification (First Revision)	October, 2019	2	Indigenous
84	IS 9988 : 1981 Reviewed In : 2024 Decision taken to Reaffirm and Archive	Specification for waxed paper for bread and biscuits	May, 2024	1	Indigenous

Standards under Development

Projects Approved

SI. No.	Doc No.	Title
<i>No Records Found</i>		

Preliminary Draft Standards

SI. No.	Doc No.	Title
<i>No Records Found</i>		

Drafts Standards in WC Stage

SI. No.	Doc No.	Title
1	CHD 16 (22358)	Paper-Based Materials for Food Beverage Delivery and Serving Applications Specification
2	CHD 16 (26925) Revision of: IS 7063:1976	Corrugated Fibreboards Methods of Test Part 4 Determination of Substance of the Components Papers after Separation First Revision
3	CHD 16 (26946) Revision of: IS 9588:1990	Kraft Liner and Corrugating Medium Specification Second Revision

Draft Standards Completed WC Stage

SI. No.	Doc No.	Title
<i>No Records Found</i>		

Finalized Draft Indian Standard

SI. No.	Doc No.	Title
1	CHD 16 (21039) Revision of: IS 6622:1972	Greaseproof Paper Specification First Revision

Finalized Draft Indian Standards under Print

SI. No.	Doc No.	Title
1	CHD 16 (20530) Revision of: IS 4006:1985	Paper and Pulp Based Packaging Materials Methods of Test Part 1 Flexural Resistance and Deflection Waterproofness Water Penetration Grease Resistance Abrasion Loss Blocking Resistance Compression Resistance and Rigidity Stiffness and Softness Second Revision
2	CHD 16 (20531) Revision of: IS 4006:1985	Paper and Pulp Based Packaging Materials - Methods of Test Part 2 Odour Ply Separation Puncture and Reducible Sulphur Second Revision
3	CHD 16 (20532) Revision of: IS 4006:1985	Paper and Pulp Based Packaging Materials - Methods of Test Part 3 Arsenic Total Copper Total Iron Water Soluble Copper and Water Soluble Iron Second Revision
4	CHD 16 (21768) Revision of: IS 5012:1987	Cellulose Film Specification Second Revision
5	CHD 16 (24830) Revision of: IS 1776:1989	FOLDING BOX BOARD UNCOATED SPECIFICATION Second Revision

Total Published Standards:71 Total Standards Under development:9

Aspect Wise Report

Product : 46
Code of Practices : 3
Methods of Test : 13
Terminology : 8
Dimensions : 0
System Standard : 0
Safety Standard : 0
Others : 1
Service Specification : 0

Annexure-I :List of Indian Standards Withdrawn/Superseded

SI. No.	IS No. & Year	Title
1	IS 1397 : 1990 Reviewed In : 2018 62341-6-3 : 2017	Kraft paper - Specification Second Revision

Annexure-II :List of Indian Product Standards

SI. No.	IS No. & Year	Title
1	IS 10066 : 1981 Reviewed In : 2019	Specification for corrugated fibreboard boxes for packing cigarettes
2	IS 10176 : 1982 Reviewed In : 2019	Specification for fibreboard boxes for packing of soaps
3	IS 10177 : 1982 Reviewed In : 2019	Specification for ice cream cups and lids
4	IS 11324 : 2024	Multi-Wall Paper Sacks for Carbon Black Specification First Revision
5	IS 11357 : 1985 Reviewed In : 2019	Specification for composite container for dry products
6	IS 11761 : 2024	MULTI-WALL PAPER SACKS FOR CEMENT SPECIFICATION Second Revision
7	IS 11844 : 1987 Reviewed In : 2019	Specification for corrugated fibreboard boxes for transport packaging of apples
8	IS 12212 : 1987 Reviewed In : 2019	Specification for corrugated fibreboard boxes for transport packaging of butter packed in primary cartons
9	IS 12490 : 1988 Reviewed In : 2019	Specification for glassine paper
10	IS 12999 : 1990 Reviewed In : 2018	Folding box board coated - specification
11	IS 13012 : 2024	Sack Kraft Paper and Extensible Kraft Paper - Specification First Revision
12	IS 13228 : 2006 Reviewed In : 2022	Corrugated fibreboard boxes for packing and transportation - Specification 2006 First Revision
13	IS 1398 : 1982 Reviewed In : 2024 Decision taken to Reaffirm and Archive	SPECIFICATION FOR PACKING PAPER WATER PROOF BITUMEN-LAMINATED
14	IS 14319 : 1995 Reviewed In : 2019	Laminated paper board pack for vanaspati - Specification
15	IS 15576 : 2024	Multi-wall Paper Sacks for Tea for Export Specification First Revision
16	IS 16983 : 2024	Solid Bleached Sulphate Board Specification First Revision
17	IS 16984 : 2024	Coated Folding Box Board for General Consumer Product Packaging Specification First Revision
18	IS 16985 : 2018 Reviewed In : 2023 Decision taken to Reaffirm and Archive	Duplex board coated duplex board - Specification
19	IS 17753 : 2021 ISO 14253-5:2015	Paperbased Multilayer Laminated Extruded Composite Cartons Aseptic and Non-Aseptic for Processed Liquid Food Products and Beverages Specification
20	IS 1776 : 1989 Reviewed In : 2023	Folding box board uncoated - Specification First Revision
		Millboard greyboard and strawboard - Specification Second Revision

21	IS 2617 : 2006 Reviewed In : 2022	
22	IS 2771 (Part 1) : 2022 ISO 22915- 16 :2014	CORRUGATED FIBREBOARD BOXES- SPECIFICATION PART 1 GENERAL REQUIREMENTS
23	IS 2771 (Part 2) : 1975 Reviewed In : 2018	Specification for fibreboard boxes Part 2 solid fibreboard boxes First Revision
24	IS 2991 : 2024	Base Paper for Waxed Paper - Specification Second Revision
25	IS 3263 : 1981 Reviewed In : 2024 Decision taken to Reaffirm and Archive	Specification for waxed paper for confectionery First Revision
26	IS 3303 : 2024	MATCH PAPER FOR MATCH BOX SPECIFICATION Third Revision
27	IS 3962 : 1967 Reviewed In : 2024 Decision taken to Reaffirm and Archive	SPECIFICATION FOR WAXED PAPER FOR GENERAL PACKAGING
28	IS 4664 : 2024	Pulp Board Specification Second Revision
29	IS 5012 : 1987 Reviewed In : 2023	Specification for cellulose film First Revision
30	IS 5134 : 1977 Reviewed In : 2024 Decision taken to Reaffirm and Archive	Specification for bitumen impregnated paper First Revision
31	IS 6615 : 2021 ISO/TS 22330:2018	General purpose packing wrapping paper
32	IS 6622 : 1972 Reviewed In : 2019	Specification for grease Proof paper
33	IS 6671 : 2024	Germination Paper Specification Second Revision
34	IS 6715 : 1972 Reviewed In : 2024 Decision taken to Reaffirm and Archive	Specification for master cartons for export of frozen sea foods and frog legs
35	IS 7149 : 1973 Reviewed In : 2024 Decision taken to Reaffirm and Archive	Specification for fibreboard boxes for canned sea foods for export
36	IS 7151 : 1991 Reviewed In : 2018	Corrugated fibreboard boxes for para - Dropping of supplies - specification
37	IS 7161 : 1973 Reviewed In : 2019	Specification for vegetable parchment or greaseproof paper aluminium foil laminate for wrapping butter
38	IS 7162 : 1973 Reviewed In : 2019	Specification for waxed cartons for packaging of ice - Cream
39	IS 7601 : 1983 Reviewed In : 2018	Specification for fibreboard drums for general purposes First Revision
40	IS 8113 : 1976 Reviewed In : 2019	Specification for primary cartons for packaging butter
41	IS 8460 : 2023 ISO 7704 : 2023	WRAPPING TISSUE PAPER- SPECIFICATION
42	IS 8970 : 1991 Reviewed In : 2024	Alumintum foil laminatefor packaging - Specification First Revision
43	IS 9313 : 1979 Reviewed In : 2024 Decision taken to Reaffirm and Archive	Specification for corrugated fibreboard boxes for the export packaging of glass jars and bottles filled with processed foods
44	IS 9493 : 1980	Specification for cartons for non - Soapy detergents

	Reviewed In : 2019	
45	IS 9588 : 1990 Reviewed In : 2019	Kraft liner - Specification First Revision
46	IS 9988 : 1981 Reviewed In : 2024 Decision taken to Reaffirm and Archive	Specification for waxed paper for bread and biscuits