

BUREAU OF INDIAN STANDARDS

Program of Work

TED 24 : Transport Packages, Packaging Codes and Pallets Sectional Committee

Scope: a) Standardization of Transport packages, Rigid Intermediate Bulk Containers excluding freight containers, Pallets, their testing, intensities of tests, along with standardization of Palletization and packaging codes for Transport Packages and their components." b) Co-ordination of work with ISO/TC 122 and its sub-committees ISO/TC 122/ SC 3 and ISO/TC 122/SC 4 and ISO/TC 51.

Liaison: **ISO TC-122 (P): Packaging ISO TC-122 SC-3 (P): Performance requirements and tests for means of packaging, packages and unit loads (as required by ISO/TC 122) ISO TC-122 SC-4 (P): Packaging and the environment ISO TC-51 (P): Pallets for unit load method of materials handling**

Published Standards

S.No	IS No.	TITLE	Reaffirm M-Y	No. of Amds	Eqv.
1	IS 10106 (Part 1):1982 Reviewed In : 2021	Packaging code: Part 1 factors affecting the selection of packaging	January, 2021	-	Indigenous
2	IS 10106 (Part 1/Sec 1):1990 Reviewed In : 2021	Packaging code: Part 1 product packaging . section 1 foodstuffs and perishables	January, 2021	-	Indigenous
3	IS 10106 (Part 1/Sec 2):1986 Reviewed In : 2023	Packaging code: Part 1 product packaging section 2 tobacco and tobacco products	February, 2023	-	Indigenous
4	IS 10106 (Part 1/Sec 3):1986 Reviewed In : 2023	Packaging code: Part 1 product packaging section 3 textiles, fabrics and allied products	February, 2023	-	Indigenous
5	IS 10106 (Part 1/Sec 4):1995 Reviewed In : 2024	Packagingcode: Part 1 product pack - Aging section 4 package cushioning design	January, 2024	-	Indigenous
6	IS 10106 (Part 1/Sec 5):1990 Reviewed In : 2022	Packaging code: Part 1 product packaging section 5 marking, addressing and identification	March, 2022	-	Indigenous
7	IS 10106 (Part 1/Sec 6):1992 Reviewed In : 2022	Packaging code: Part 1 product packaging section 6 protection against spoilage of packages and their contents by micro - Organisms, insects, mites and rodents	March, 2022	-	Indigenous
8	IS 10106 (Part 2/Sec 3):1984 Reviewed In : 2025	Packaging code: Part 2 packaging materials section 3 plastics materials	February, 2025	-	Indigenous
9	IS 10106 (Part 2/Sec 4):1986 Reviewed In : 2023	Packaging code: Part 2 packaging materials section 4 fabrics	February, 2023	-	Indigenous
10	IS 10106 (Part 2/Sec	Packaging code: Part 2 packaging	January, 2021	-	Indigenous

	5):1990 Reviewed In : 2021	materials section 5 wood and plywood			
11	IS 10106 (Part 2/Sec 6):1990 Reviewed In : 2021	Packaging code: Part 2 packaging materials section 6 flexible laminates	January, 2021	-	Indigenous
12	IS 10106 (Part 3/Sec 1):1984 Reviewed In : 2023	Packaging: Part 3 ancilliary code materials section 1 cushioning materials	March, 2023	-	Indigenous
13	IS 10106 (Part 3/Sec 2):1986 Reviewed In : 2022	Packaging code: Part 3 ancillary materials section 2 adhesive tapes for closing and sealing	March, 2022	-	Indigenous
14	IS 10106 (Part 3/Sec 3):1985 Reviewed In : 2023	Packaging code: Part 3 ancillary materials section 3 tensional strapping	March, 2023	-	Indigenous
15	IS 10106 (Part 3/Sec 4):1988 Reviewed In : 2023	Packaging code: Part 3 ancillary materials section 4 desiccants	February, 2023	-	Indigenous
16	IS 10106 (Part 3/Sec 5):1990 Reviewed In : 2022	Packagingcode: Part 3 ancillary materials section 5 twines and cords	March, 2022	-	Indigenous
17	IS 10106 (Part 4/Sec 3):1984 Reviewed In : 2025	Packaging code: Part 4 packages section 3 plastics	March, 2025	-	Indigenous
18	IS 10106 (Part 4/Sec 4):1984 Reviewed In : 2025	Packaging code: Part 4 packages section 4 glass containers	March, 2025	-	Indigenous
19	IS 10106 (Part 4/Sec 5):1986 Reviewed In : 2022	Packaging code: Part 4 packages section 5 wood based containers	March, 2022	-	Indigenous
20	IS 10106 (Part 4/Sec 6):1986 Reviewed In : 2023	Packaging code: Part 4 packages section 6 fabrics/textiles	February, 2023	-	Indigenous
21	IS 10112:1982 Reviewed In : 2023	Code of practice for the packaging of bonded abrasive products	February, 2023	-	Indigenous
22	IS 11076:1984 Reviewed In : 2024	Guide for palletization of cashew kernels for export	January, 2024	-	Indigenous
23	IS/ISO 11156:2011 ISO 11156 : 2011 ISO 11156 : 2011	Packaging Accessible Design General Requirements		-	Identical under dual numbering
24	IS 11431:1985 Reviewed In : 2025	Code of practice for the packaging of electrical indicating and recording instruments	March, 2025	-	Indigenous
25	IS 1260 (Part 1):1973 Reviewed In : 2023	Pictorial Marking for Handling and Labelling of Goods: Part 1 Dangerous Goods (First Revision)	February, 2023	-	
26	IS 1260 (Part 2):2020 Reviewed In : 2025 ISO 780 : 2015	Packaging — Distribution Packaging — Graphical Symbols for Handling and Storage of Packages Part 2 General Goods (Fourth Revision)	February, 2025	-	Identical under dual numbering
27	IS/ISO 12776:2008 ISO 12776 : 2008 ISO 12776 : 2008	Pallets — Slip Sheets		-	Identical under dual numbering
28	IS 12864 (Part 1):1989 Reviewed In : 2025	Packaging of thermosflasks for export - Code of practice: Part 1 complete flask	March, 2025	-	Indigenous
29	IS 12864 (Part 2):1989 Reviewed In : 2025	Packaging export of thermosflasks for - Export - Code of practice: Part 2 glass refills	February, 2025	-	Indigenous

30	IS 13013 (Part 1):1990 Reviewed In : 2023	Code of practice for packaging thermal insulation materials: Part 1 slabs, mattresses and pipe sections made of fibrous materials	February, 2023	-	Indigenous
31	IS 13191:2019 ISO 8317 : 2015 Reviewed In : 2024 ISO 8317 : 2015	Child - Resistant packaging - Requirements and testing procedures for reclosable packages (First Revision)	January, 2024	-	Identical under dual numbering
32	IS/ISO 13274:2013 ISO 13274 : 2013 ISO 13274 : 2013	Packaging Transport Packaging for Dangerous Goods Plastics Compatibility Testing for Packaging and IBCS		-	Identical under dual numbering
33	IS 13608:1993 Reviewed In : 2024	Sheet pallets - Specification	January, 2024	-	Indigenous
34	IS 13609:1992 Reviewed In : 2024	Pallets - Quality of timber - Guidelines	January, 2024	-	Indigenous
35	IS 13664:1993 Reviewed In : 2024	Poly - Pallets for bag storage godowns - Specification	January, 2024	2	Indigenous
36	IS 13823:1993 Reviewed In : 2024	Guidelines for palletization - General cargo	January, 2024	-	Indigenous
37	IS 14208:2018 ISO 3676 : 2012 Reviewed In : 2023 ISO 3676	Packaging - Complete , Filled transport packages and unit loads - unit load dimensions (first Revision)	March, 2023	-	Identical under dual numbering
38	IS 14233:1995 Reviewed In : 2025	Packaging - Pharmaceutical products - Child resistant tamper - proof packaging for solid dosage forms - Code of practice	March, 2025	-	Indigenous
39	IS 14328:1995 Reviewed In : 2021	Packaging - Export packaging of diesel engines upto 500kg - Code of practice	January, 2021	-	Indigenous
40	IS 15408:2021 ISO 15394 : 2017 ISO 15394 : 2017	Packaging - Bar Code and Two-dimensional Symbols for Shipping, Transport and Receiving Labels (Second Revision)		-	Identical under dual numbering
41	IS 15494:2004 ISO 11683 Reviewed In : 2025	Packaging - Tactile warnings of danger - Requirements	March, 2025	-	Indigenous
42	IS 15526:2004 Reviewed In : 2025 ISO 10531:1992	Packaging - Complete, filled transport packages - Stability testing of unit loads	March, 2025	-	Modified/Technically Equivalent
43	IS 15763:2020 ISO 13355 : 2016 Reviewed In : 2025 ISO 13355 : 2016	Packaging — Complete, Filled Transport Packages and Unit Loads — Vertical Random Vibration Test (First Revision)	March, 2025	-	Identical under dual numbering
44	IS 15771:2008 Reviewed In : 2023	Packaging - Complete, filled transport packages and unitloads - Impact test by rotational drop	March, 2023	-	Indigenous
45	IS 15875:2009 ISO 15867 Reviewed In : 2025 ISO 15867:2003	Intermediate bulk containers (IBCs) for non - Dangerous goods - Terminology	March, 2025	-	Identical under dual numbering
46	IS 16058:2024	Dunnage pallets made from recycled packaging wastes for warehousing application - Specification (First Revision)		1	Indigenous
47	IS/ISO 16103:2005 ISO 16103 : 2005 ISO 16103 : 2005	Packaging Transport packaging for dangerous goods Recycled plastics material		-	Identical under dual numbering

48	IS/ISO 16106:2020 ISO 16106 : 2020 Reviewed In : 2025 ISO 16106 : 2020	Transport packages for dangerous goods Dangerous goods packagings intermediate bulk containers IBCs and large packagings Guidelines for the application of ISO 9001	March, 2025	-	Identical under dual numbering
49	IS/ISO 18756:2024 ISO 16495 : 2022 ISO 16495 : 2022	Packaging - Transport Packaging for Dangerous Goods - Test Methods (First Revision)		-	Identical under dual numbering
50	IS 16961 (Part 2):2024 ISO 21067-2 : 2015 ISO 21067-1: 2016	PACKAGING - VOCABULARY - PART 2 GENERAL TERMS		-	Identical under dual numbering
51	IS 16961 (Part 1):2024 ISO 21067-1: 2016 ISO 21067-1: 2016	PACKAGING - VOCABULARY - PART 1 GENERAL TERMS (First Revision)		-	Identical under dual numbering
52	IS 17427:2020 Reviewed In : 2025	Wooden (Timber) Pallets for Packaging, Storage and Transportation - Specification	January, 2025	4	Indigenous
53	IS/ISO 17480:2015 ISO 17480 : 2015 ISO 17480 : 2015	Packaging — Accessible Design — Ease of Opening		-	Identical under dual numbering
54	IS/ISO/TS 18614:2016 ISO/TS 18614 : 2016 ISO/TS 18614 : 2016	Packaging Label Material Required Information for Ordering and Specifying Self-Adhesive Labels		-	Identical under dual numbering
55	IS 3971:2019 ISO 445 : 2013 Reviewed In : 2024 ISO 445:2013	Pallets for materials handling - Vocabulary (Third Revision)	January, 2024	-	Identical under dual numbering
56	IS 4300:1989 Reviewed In : 2024	Box pallets for through transit of goods - Specification (First Revision)	March, 2024	1	Indigenous
57	IS 4740:1979 Reviewed In : 2023	Code of Practice for Packaging of Steel Tubes	February, 2023	-	
58	IS 5325:1989 Reviewed In : 2024	Box pallets for through transit of goods - Methods of Test (First Revision)	March, 2024	1	Indigenous
59	IS 6219:2024 ISO 8611-1: 2021 ISO 8611-1: 2021	Pallets for Materials Handling - Flat Pallets - Methods of Test (Third Revision)		-	Identical under dual numbering
60	IS 6865:1973 Reviewed In : 2024	Specification for pallets for use in ISO series 1 freight containers	January, 2024	-	Indigenous
61	IS 6963:1973 Reviewed In : 2025	Pictorial marking on packages containing photographic materials sensitive to radiant energy	March, 2025	-	Indigenous
62	IS 7028 (Part 1):2002 ISO 2234 Reviewed In : 2023 ISO 2234:2000	Performance tests for complete, filled transport packages: Part 1 stacking tests using static load (Second Revision)	March, 2023	-	Identical under dual numbering
63	IS 7028 (Part 2):2002 ISO 2247 Reviewed In : 2023 ISO 2247:2000	Performance tests for complete, filled transport packages: Part 2 vibration test at fixed low frequency (Second Revision)	March, 2023	-	Identical under dual numbering
64	IS 7028 (Part	Performance tests for complete,	March, 2023	-	Identical under dual

	3):2002 ISO 2244 Reviewed In : 2023 ISO 2244:2000	filled transport packages: Part 3 horizontal impact tests (Horizontal Or Inclined Test, Pendulum Test) (second Revision)			numbering
65	IS 7028 (Part 4):1987 ISO 2248 Reviewed In : 2023 ISO 2248:1985	Performance tests for complete, filled transport packages part4 vertical impact drop (First Revision)	February, 2023	-	Identical under dual numbering
66	IS 7028 (Part 5):1987 ISO 2876 Reviewed In : 2023 ISO 2876:1985	Performance tests for complete, filled transport packages: Part 5 rolling test (First Revision)	February, 2023	-	Identical under dual numbering
67	IS 7028 (Part 6):1987 ISO 2872 Reviewed In : 2023 ISO 2872:1985	Performance tests for complete, filled transport packages: Part 6 compression test (First Revision)	March, 2023	-	Identical under dual numbering
68	IS 7028 (Part 7):2002 ISO 2873 Reviewed In : 2023 ISO 2873:2000	Performance tests for complete, filled transport packages: Part 7 low pressure test (Second Revision)	March, 2023	-	Identical under dual numbering
69	IS 7028 (Part 8):2002 ISO 2875 Reviewed In : 2023 ISO 2875:2000	Performance tests for complete, filled transport packages: Part 8 water spray test (Second Revision)	March, 2023	-	Identical under dual numbering
70	IS 7028 (Part 9):2020 ISO 12048 : 1994 Reviewed In : 2025 ISO 12048 : 1994	Packaging -- Complete filled transport packages -- Compression and stacking tests using a compression tester	March, 2025	-	Identical under dual numbering
71	IS 7028 (Part 10):1986 ISO 8474 Reviewed In : 2023 ISO 8474:1986	Performance tests for complete filled transport packages: Part 10 water immersion test	March, 2023	-	Identical under dual numbering
72	IS 7028 (Part 11):1986 ISO 8768 Reviewed In : 2023 ISO 8768:1987	Performance tests for complete filled transport packages: Part 11 toppling test	March, 2023	-	Identical under dual numbering
73	IS 7028 (Part 12):2002 ISO 8318 Reviewed In : 2023 ISO 8318:2000	Performance tests for complete, filled transport packages: Part 12 vibration test using a sinusoidal variable frequency (First Revision)	March, 2023	-	Identical under dual numbering
74	IS 7030:1988 ISO 2206 Reviewed In : 2024 ISO 2206:1987	Identification of parts for complete, filled transport packages when testing (First Revision)	January, 2024	-	Modified/Technically Equivalent
75	IS 7031:2002 ISO 2233 Reviewed In : 2023 ISO 2233:2000	Method of conditioning for testing of complete, filled transport packages (Second Revision)	March, 2023	-	Identical under dual numbering
76	IS 7276:2021 ISO 6780 : 2003	Flat Pallets for Intercontinental Materials Handling - Principal		-	Identical under dual numbering

	ISO 6780 : 2003	Dimensions and Tolerances (Third Revision)			
77	IS 7705:1975 Reviewed In : 2025	Code of practice for packaging of precision and special purpose steel tubes	March, 2025	1	Indigenous
78	IS 7804:1983 Reviewed In : 2024	Guide for palletization of tea - Chests (First Revision)	January, 2024	-	Indigenous
79	IS 7960 (Part 1):1976 Reviewed In : 2023	Code of practice for packaging machine tools: Part 1 for overseas shipment	February, 2023	-	Indigenous
80	IS 8005:2024 ISO 3569: 1976 ISO 3569: 1976	Continuous Mechanical Handling Equipment â€™ Classification of Unit Loads (First Revision)		-	Identical under dual numbering
81	IS 8006:1988 Reviewed In : 2024	Recommendations for handling of timber pallets (First Revision)	January, 2024	-	Indigenous
82	IS 8354:1977 Reviewed In : 2025	Code of practice for packaging of electric fans	March, 2025	1	Indigenous
83	IS 8355:1977 Reviewed In : 2025	Code of practice for packaging of sewing machine for household purposes	March, 2025	-	Indigenous
84	IS 8470:2018 ISO 3394 : 2012 Reviewed In : 2023 ISO 3394 : 2012	Packaging - Complete, Filled Transport Packages and Unit Loads - Dimensions of Rigid Rectangular Packages (Second Revision)	March, 2023	-	Identical under dual numbering
85	IS 8715:1978 Reviewed In : 2023	Code of practice for packaging of bicycles for export	February, 2023	-	Indigenous
86	IS 8716:1978 Reviewed In : 2025	Code of practice for packaging of household electrical appliances	March, 2025	-	
87	IS 8717:1978 Reviewed In : 2025	Code of practice for packaging of cast iron pipes and fittings of 150 mm diameter and below	March, 2025	-	Indigenous
88	IS 9111:1979 Reviewed In : 2024	Glossary of terms and classification pertaining to transport packaging	January, 2024	-	Indigenous
89	IS 9208:1979 Reviewed In : 2023	Guide for palletization of mica for export	February, 2023	-	Indigenous
90	IS 9732:1981 ISO 4178 Reviewed In : 2023	Method for recording information for distribution trials for complete, filled transport packages	February, 2023	-	Indigenous
91	IS 9733:2024 ISO 4180: 2019 ISO 4180: 2019	Packaging â€™ Complete, Filled Transport Packages â€™ General Rules for the Compilation of Performance Test Schedules (Second Revision)		-	Identical under dual numbering

Standards under Development

Projects Approved

Sl. No.	Doc No.	Title
No Records Found		

Preliminary Draft Standards

Sl. No.	Doc No.	Title
1	TED 24 (26975) Revision of: IS 13664:1993	PLASTIC PALLETS FOR BAG STORAGE APPLICATIONS IN WAREHOUSES SPECIFICATION

Drafts Standards in WC Stage		
Sl. No.	Doc No.	Title
No Records Found		

Draft Standards Completed WC Stage		
Sl. No.	Doc No.	Title
1	TED 24 (28466)	Wooden Timber Pallets for Packaging Storage and Transportation - Specification

Finalized Draft Indian Standard		
Sl. No.	Doc No.	Title
No Records Found		

Finalized Draft Indian Standards under Print		
Sl. No.	Doc No.	Title
No Records Found		

Total Published Standards:90 Total Standards Under development:2		
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Aspect Wise Report
Product : 8
Code of Practices : 45
Methods of Test : 23
Terminology : 4
Dimensions : 5
System Standard : 0
Safety Standard : 2
Others : 2
Service Specification : 0
Process Specification : 0
Unclassified : 1

Annexure-I :List of Indian Standards Withdrawn/Superseded		
Sl. No.	IS No. & Year	Title
1	IS 11982:1987 Reviewed In : 2019	Design Rating and Safe Working Load for General Purpose Flat Pallet for Through Transit of Goods
2	IS 11983:1987 Reviewed In : 2019	Guidelines for marking of general purpose flat pallets for through transit of goods
3	IS 13288 (Part 6):1992 Reviewed In : 1999	Series 1 freight containers and testing Part 6 Platform based containers open sided with complete superstructure
4	IS 13546:1992 Reviewed In : 2019	General purpose flat pallets for through transit of goods performance requirements
5	IS 13698 (Part 2):1993 ISO 9711-2 Reviewed In : 2009	Freight containers - Information related to containers on board vessels Part 2 Telex data transmission
6	IS 13714:1993 Reviewed In : 2019	Dunnage pallets - Warehousing - Specification
7	IS 14312:1996 Reviewed In : 2010	Packaging - Packaging of TV Picture Tubes computer Monitor Tubes - Code of Practice
8	IS 14738 (Part 1):1999 ISO 11895-1 Reviewed In : 2019	Flexible intermediate bulk containers Fibcs Part 1 definitions related to flexible intermediate bulk containers
9	IS 14738 (Part 2):1999	Flexible intermediate bulk - Containers Fibcs Part 2 specifications requirements certification and

	ISO 11895-2 Reviewed In : 2019	marking
10	IS 14738 (Part 3):1999 ISO 11895-3 Reviewed In : 2019	Flexible intermediate bulk containers Fibcs Part 3 test methods - Cyclic top lift test
11	IS 14738 (Part 4):1999 ISO 11895-4 Reviewed In : 2019	Flexible intermediate bulk containers Fibcs Part 4 test methods - Compression stacking test
12	IS 14738 (Part 5):1999 ISO 11895-5 Reviewed In : 2019	Flexible intermediate bulk containers Fibcs Part 5 test methods - UV resistance test
13	IS 14738 (Part 6):2000 ISO 11895-6 Reviewed In : 2019	Flexible intermediate bulk containers Part 6 regulations on selection and use of fIBcs
14	IS 6927 (Part 1):1973	ISO series 1 platform freight containers Part 1 General requirements
15	IS 6927 (Part 2):1973	ISO series 1 platform freight containers Part 2 Testing
16	IS 6929 (Part 1):1985	ISO series 1 general cargo freight containers for general purposes Part 1 General requirements
17	IS 6929 (Part 2):1985	ISO series 1 general cargo freight containers for general purposes Part 2 Testing
18	IS 7037 (Part 1):1973	ISO series 1 tank containers for liquids and gases Part 1 General requirements
19	IS 7037 (Part 2):1973	ISO series 1 tank containers for liquids and gases Part 2 Testing
20	IS 7195 (Part 1):1974 Reviewed In : 1996	Domestic freight containers Part 1 Dimensions and ratings
21	IS 7195 (Part 2):1975 Reviewed In : 1996	Domestic freight containers Part 2 Corner fittings
22	IS 7195 (Part 3):1974 Reviewed In : 1996	Domestic freight containers Part 3 Handling and maintenance
23	IS 7341 (Part 1):1974 Reviewed In : 1991	ISO series 1 folding containers and platform base containers Part 1 General requirements
24	IS 7341 (Part 2):1974 Reviewed In : 1991	ISO series 1 folding containers and platform base containers Part 2 Tests
25	IS 8178 (Part 1):1976	Series 1 thermal containers Part 1 General requirements
26	IS 8178 (Part 2):1976	Series 1 thermal containers Part 2 Testing
27	IS 8575 (Part 1):1977	Series 1 freight containers platform based open-sided with complete superstructure Part 1 General requirements
28	IS 8575 (Part 2):1977	Series 1 freight containers platform based open-sided with complete superstructure Part 2 Testing
29	IS 9141:1979 Reviewed In : 1991	Code of practice for the packing of fasteners
30	IS 9273 (Part 1):1979 Reviewed In : 1990	Series 1 box type dry bulk containers non-pressurized Part 1 General requirements
31	IS 9273 (Part 2):1979 Reviewed In : 1990	Series 1 box type dry bulk containers non-pressurized Part 2 Testing
32	IS 9340:1993 Reviewed In : 2019	Expendable pallets - Specification First Revision
33	IS 9384:1979 ISO 6359 Reviewed In : 2006	Consolidated Data Plate for Freight Containers
34	IS 9733 (Part 2):1989 ISO 4180-2 Reviewed In : 2014	Guidelines for the compilation of performance tests schedules of complete filled transport packages Part 2 Quantitative data

Annexure-II :List of Indian Product Standards

Sl. No.	IS No. & Year	Title
1	IS/ISO 12776:2008 ISO 12776 : 2008	Pallets Slip Sheets
2	IS 13608:1993 Reviewed In : 2024	Sheet pallets - Specification
3	IS 13664:1993 Reviewed In : 2024	Poly - Pallets for bag storage godowns - Specification
4	IS 16058:2024	Dunnage pallets made from recycled packaging wastes for warehousing application - Specification First Revision
5	IS 17427:2020 Reviewed In : 2025	Wooden Timber Pallets for Packaging Storage and Transportation - Specification
6	IS 4300:1989 Reviewed In : 2024	Box pallets for through transit of goods - Specification First Revision
7	IS 6865:1973 Reviewed In : 2024	Specification for pallets for use in ISO series 1 freight containers
8	IS 7804:1983 Reviewed In : 2024	Guide for palletization of tea - Chests First Revision