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BUREAU OF INDIAN STANDARDS

AGENDA

Name of Committee	Meeting Number	Date and Time	Day	Mode: Virtual
Transport Packaging and Pallets Sectional Committee, TED 24	Thirty Third (33 rd)	16 th December 2024 from 10:30 AM onwards	Monday	Virtual Venue: Webex {Meeting Link: https://bismanak.webex.com/bismanak/j.php?MTID=m6a81a8159280984cb800b6e5f69bb705 Meeting ID: 2513 473 8508 Password: Ted24@bis

CHAIRPERSON: Dr N. C. Saha
HEAD (TED): Shri A.P.D Dwivedi

MEMBER SECRETARY: Shri Gaurav Jayaswal

ITEM 0 WELCOME ADDRESS

- 0.1 Welcome by Head (TED)
- 0.2 Opening Remarks by the Chairperson

ITEM 1 CONFIRMATION OF THE MINUTES OF LAST MEETING

1.1 The Minutes of the 32nd Meeting of Transport Packaging and Pallets Sectional Committee, TED 24, held in online mode through Webex Video Conferencing Platform, on 28th Jun 2024, were circulated through BIS Portal. No comments with regards to decision of committee have been received. The Committee may formally confirm the Minutes.

ITEM 2 SCOPE & COMPOSITION OF THE SECTIONAL COMMITTEE

2.1 Scope of Transport Packaging and Pallets Sectional Committee, TED 24 as approved in 30th Meeting of TEDC is given below:

“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.”

The committee may please note.

2.2 The committee may review the present composition of the Committee given in **Annex-1**. The committee may deliberate and decide on further continuation/ deletion of organizations from the committee composition and co-option of new organizations in the committee composition.

2.3 New co-options

2.3.1 No New Co-Option request has been received on BIS Portal.

2.3.2 The Committee in its last (32nd) Meeting decided to Co-opt following Organizations in the committee. The status of follow up is given below:

Sl No.	Name of Organization	Member /Organization who will Provide Contact details to BIS	Status in 33 rd Meeting
1.	M/s Merck Life Sciences Pvt. Ltd.	-	An email dt. 26/11/2024, along with a reminder on 03/12/2024 and 12/12/2024 was sent to Smt. Saroj Varavadekar, from M/s Merck, requesting the nomination of their representatives for SC TED 24. Email dt. 12/12/2024 Received from Shri Sivaprakash, Manivannan, M/s Merck for updating nomination. Nomination has been updated on BIS portal.
2.	M/s United Phosphorus Limited	Mr. B Rai, M/s Technoplast	An email dt. 26/11/2024 & reminder dt . 03/12/2024 and 06/12/2024 have been written to Shri B Rai to provide the contact details of these organizations.
3.	M/s Bayer Crop Science		
4.	M/s BASF India Limited		

			<p>Response is still awaited.</p> <p>Contact details of these were received from Shri Tejbahadur Yadav, Dy. General Manager, Time Technoplast through email dt.09/12/2024 Email/Letter dt.11/12/2024 were sent to these organizations seeking details of representatives to participate in activities of SC TED 24.</p>
5.	M/s Fibre Foils Limited		<p>Email dt. 26/11/2024 was written to Dr N C SAHA, Chairperson, to provide contact details of M/s Fibre Foils, M/s ITW India Pvt Ltd, Limited and M/s Suprabha Protective Products Pvt Ltd .</p> <p>Contact details of M/s Fibre Foils Limited & M/s Suprabha Protective Products Pvt Ltd were received from Dr N C SAHA, Chairperson, through email dt. 03/12/2024.</p> <p>However Contact details of M/s ITW India Pvt Ltd. was be received.</p> <p>Email/Letter dt.09/12/2024 were</p>
6.	M/s ITW India Pvt Ltd		
7.	M/s Suprabha Protective Products Pvt Ltd		

Dr N.C Saha, Chairperson, TED
24

			sent to representatives of M/s Fibre Foils Limited & M/s Suprabha Protective Products Pvt Ltd seeking details of representatives to participate in activities of SC TED 24.
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2.4 Panels & Working Groups

2.4.1 Following Panel was constituted by SC TED 24 in its 31st Meeting:

Panel	Composition	Work Status	Progress
TED 24 / P 03 – Plastic Pallets	<ol style="list-style-type: none"> 1. M/s Ojas Agropack (Panel Convener) 2. M/s Bagpoly 3. M/s Futuristic 4. M/s CWC 5. M/s FCI 	The committee in its 31 st Meeting decided to form a panel with M/s Ojas Agropack P Ltd. as its convener to study the ISO 12777-1,2 and 3 along with the draft prepared by the committee and come up with a draft test method to ensure sufficient strength of pallet joints.	Panel meeting was conducted by the panel convener on 18th June 2024 and minutes of the same was discussed in the last (32 nd) Meeting of SC TED 24.

The committee may please discuss.

2.4.2 Following working group was constituted by the committee in its last (32nd) meeting:

Working Group	Composition	Work Status	Progress
TED 24 / WG 01 – Wooden Pallets	<ol style="list-style-type: none"> 6. Shri Jitendra Shah, Omega Industries (Convener) 7. Shri Nawal Kedia, Deekay Pine 8. Shri Amit Vashishth, Naman Enterprises 9. Dr Anurag Tripathi, CWC 10. Representative from FCI 	The committee in its 32 nd Meeting requested the working group to examine the comments given by WROL, BIS and M/s Naman Enterprises and come out with its recommendations in the next meeting.	The working group convener conducted the WG meeting on 10 th December 2024.

	11. Representative from WROL, BIS		
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The committee may please discuss.

2.4.3 In addition to above, The committee may consider to formulate New Panels and Working Groups for smooth functioning of its activities in line with circular P&C/09/18/2023-PNC-BIS.

ITEM 3 ACTIONS ARISING OUT OF THE PREVIOUS MEETING(S)

A brief summary of actions arising out of minutes of last meeting(s) is given below in Table 1.

Table – 1

Item No.	Subject	Decision of committee in Previous meetings	Proceedings in Last (31st) Meeting	Status in 32nd Meeting	Status in 33rd Meeting
1.	Revision of IS 8005 : 1976 - Classification of unit loads {TED 24 (23326)}	<p>During 30th Meeting of SC TED 24, The committee noted that While preparing this standard Reference was taken from ISO/TC 101 (Sec-186) 290 'Draft ISO proposal for continuous mechanical handling equipment - Classification of unit loads. This draft later got published as ISO 3569:1976 "Continuous mechanical handling equipment — Classification of unit loads This".</p> <p>In view of the above, The committee decided to adopt latest ISO Standard i.e. ISO 3569:1976 to revise IS 8005.</p>	<p>Status in 31st Meeting:</p> <p>The National Foreword Corresponding to ISO 3569:1976 was sent for wide circulation for 60 days as Doc. TED 24 (23326) after approval from chairperson, TED 24. The draft has completed its circulation period and No comments have been received. The committee may deliberate and decide.</p>	<p>The document has been sent to Publication Department for Printing.</p> <p>The committee may please note.</p> <p>Decision in 32nd Meeting: The committee noted.</p>	The document has been published.

Item No.	Subject	Decision of committee in Previous meetings	Proceedings in Last (31 st) Meeting	Status in 32 nd Meeting	Status in 33 rd Meeting
			<p>Decision in 31st Meeting:</p> <p>The committee decided to send the document for printing.</p>		
2.	<p>Revision of IS 6219 : 1989 - Methods of test for general purpose flat pallets for through transit of goods {23325}</p>	<p>During 30th Meeting of SC TED 24, The committee noted that this standard was first published in 1971 covering test code for non-expendable flat timber pallets only. First revision of this standard was made in 1977 incorporating bending strength test. In the first revision, the tests for metal pallets were also incorporated. The second revision of this standard was taken up to align it with ISO/DIS 8611 ‘General purpose flat pallets for through transit of goods - Test methods’ issued by the International Organization for Standardization (ISO). ISO DIS 8611 later got published as ISO 8611 : 1991 and later was splitted into three parts by ISO TC 51. The latest</p>	<p>Status in 31st Meeting:</p> <p>The National Foreword Corresponding to ISO 8611-1 : 2021 was sent for wide circulation for 60 days as Doc. TED 24 (23325) after approval from chairperson, TED 24. The draft has completed its circulation period and No comments have been received. The committee may deliberate and decide</p> <p>Decision in 31st Meeting:</p> <p>The committee decided to</p>	<p>The document has been sent to Publication Department for Printing.</p> <p>The committee may please note.</p> <p>Decision in 32nd Meeting:</p> <p>The committee noted.</p>	<p>The document has been published.</p>

Item No.	Subject	Decision of committee in Previous meetings	Proceedings in Last (31 st) Meeting	Status in 32 nd Meeting	Status in 33 rd Meeting
		<p>versions of ISO 8611-1,2,3 are as follows :</p> <p>1. ISO 8611-1:2021 <i>Pallets for materials handling — Flat pallets — Part 1: Test methods</i></p> <p>2.ISO 8611-2:2021 <i>Pallets for materials handling — Flat pallets — Part 2: Performance requirements and selection of tests</i></p> <p>3. ISO 8611-3:2011 <i>Pallets for materials handling — Flat pallets — Part 3: Maximum working loads.</i></p> <p>In view of the above, The Committee decided to revise IS 6219 by adopting ISO 8611-1 : 2021.</p>	send the document for printing.		
3.	Revision of IS 16961 : 2018 - Packaging - Vocabulary { TED 24 (23323) and TED 24 (23324) }	During 30th Meeting of SC TED 24, The committee noted that in the formulation of this standard, considerable assistance has been derived from the ISO 21067 : 2007 ‘Packaging — Vocabulary’ issued by the International Organization for Standardization (ISO). ISO 21067 :	Status in 31st Meeting: The National Forewords Corresponding to ISO 21067-1:2016, and ISO 21067-2:2015 were sent for wide circulation for 60 days as doc. TED 24 (23323)	Documents TED 24 (23323) and TED 24 (23324) document have been sent to Publication Department for Printing. The committee may please note.	These documents have been published.

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		<p>2007 later on was revised by ISO and was splitted into two parts as follows : 1. ISO 21067-1:2016 Packaging — Vocabulary — Part 1: General terms, and 2. ISO 21067-2:2015 Packaging — Vocabulary — Part 2: Packaging and the environment terms.</p> <p>In view of the above, the committee decided to revise IS 16961 by adopting latest version of ISO Standards i.e. ISO 21067-1:2016, and ISO 21067-2:2015.</p>	<p>and doc. TED 24 (23324) respectively after approval from chairperson, TED 24. The drafts have completed their circulation period and No comments have been received. The committee may deliberate and decide</p> <p>Decision in 31st Meeting:</p> <p>The committee decided to send the document for printing</p>	<p>Decision in 32nd Meeting:</p> <p>The committee noted.</p>	
4.	<p>Revision of IS/ISO 16495 : 2013 - Packaging Transport packaging for dangerous goods Test methods {23275}</p>	<p>During 30th Meeting of SC TED 24, The committee noted that this standard is identical adoption of ISO 16495 : 2013. ISO Standard has been revised in 2022 as ISO 16495:2022.</p> <p>In view of the above, the committee decided</p>	<p>Status in 31st Meeting:</p> <p>The National Foreword Corresponding to ISO 16495:2022 was sent for wide circulation for 60 days as Doc. TED 24 (23275) after</p>	<p>The document has been sent to Publication Department for Printing.</p> <p>The committee may please note.</p>	<p>The document has been published.</p>

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		to adopt the latest version of ISO Standard i.e. ISO 16495 : 2022.	<p>approval from chairperson, TED 24. The draft has completed its circulation period and No comments have been received. The committee may deliberate and decide.</p> <p>Decision in 31st Meeting: The committee decided to send the document for printing.</p>	Decision in 32nd Meeting: The committee noted.	
5.	Revision of IS 9733 : 2015 - Packaging - Complete, filed transport packages - General rules for the compilation of performance test schedules{23276}	<p>During 30th Meeting of SC TED 24, The committee noted that this standard is identical adoption of ISO 4180:2009. The ISO Standard has been revised in 2019 as ISO 4180:2019.</p> <p>In view of the above, the committee decided to adopt the latest version of ISO Standard i.e. ISO 4180 : 2019.</p>	Status in 31st Meeting: The National Foreword Corresponding to ISO 4180 : 2019 was sent for wide circulation for 60 days as Doc. TED 24 (23276) after approval from chairperson, TED 24. The	<p>The document has been sent to Publication Department for Printing.</p> <p>The committee may please note.</p> <p>Decision in 32nd Meeting: The committee noted.</p>	The document has been published.

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			<p>draft has completed its circulation period and No comments have been received. The committee may deliberate and decide.</p> <p>Decision in 31st Meeting:</p> <p>The committee decided to send the document for printing.</p>		
6.	<p>Revision of IS 13664 : 1993 “Poly Pallets for Bag Storage Godowns – Specification”</p>	<p>Inputs are required for passing criteria of various tests prescribed in the draft. The committee may please discuss.</p> <p>Decision in 26th Meeting:</p> <p>After detailed deliberations on the comments received from M/s Nilkamal Industries, the committee decided that a minimum passing criteria for all tests shall be provided along with the agreement clause between buyer and purchaser</p>	<p>Status in 31st Meeting:</p> <p>In accordance with decision in the last meeting, the Copies of ISO 12777-1,2 and 3 have been sent to Mr. Pradeep from Bagpoly International Pvt. Ltd for study purposes.</p> <p>The inputs on test methods to ensure sufficient</p>	<p>A panel meeting was conducted by the panel convener on 18th June 2024. The minutes of the meeting is attached at Error! Reference source not found. of the agenda.</p> <p>The committee may deliberate and decide.</p>	<p>The document has been circulated as a P-draft to all the committee members on 25/11/2024 for 30 days.</p> <p>The committee may please note.</p>

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		<p>so that a minimum quality can be recommended by the national standard.</p> <p>It was further decided that a meeting of Plastic Pallets Panel shall be convened by Mr. A.K. Kharbanda on a suitable date in September where the minimum passing criteria will be finalized for all the tests.</p> <p><i>{Decision taken on the comments discussed during the meeting was attached with the minutes. A copy of IS 8611 (All Parts) and IS 17427 (Wooden Pallets) was also attached with the minutes in order to study the references for passing criteria of the tests.}</i></p> <p>Status in 27th Meeting: To be discussed for Minimum Passing Criteria. A mail was received from Haryana Branch office, BIS to resolve query on IS 13664. The Copy of Letter was attached as</p>	<p>strength of pallet joints are however awaited.</p> <p>Line diagram for Fig.1 has also been received from Mr. Amit Vashisht from M/s Futuristic Industries Pvt. Ltd. and is attached as <u>Annexure-2</u>.</p> <p>The committee may please note.</p> <p>Line diagram for Type C, Type D and Type E Pallets along with outer dimensions are also awaited from Shri V K Singh.</p> <p>The committee may deliberate and decide.</p> <p>Decision in 31st Meeting: The committee</p>	<p>Decision in 32nd Meeting: The committee noted the finding of the panel and decided the various tests to be carried out on Assembled and Non Assembled Plastic Pallets in line with Tests Available in IS 17427:2020 and IS 6219:1989.</p> <p>The updated draft is attached as <u>Annex-1</u>.</p> <p>The committee also noted that IS 6219 is currently under revision and will be published soon. Consequently, it was decided to circulate the updated draft for</p>	

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		<p>Annexure – 1 of the agenda of 27th Meeting.</p> <p>Decision in 27th Meeting: The committee discussed the comments received from HRBO.</p> <p>Mr. Pradeep Kumar Verma from Bag poly Limited explained the comments and requested committee members for timely revision of IS 13664.</p> <p>The committee formed a panel to draft and discuss the document to revise IS 13664.</p> <p>The composition of the panel is as follows :</p> <ol style="list-style-type: none"> 1. Mr. Sanjay Mishra, Supreme Industries Limited (Panel Convener) 2. Mr. Surinder Singh, Nilkamal Industries Limited 3. Mr. Siddharth Rath , Central 	<p>decided to form a panel with M/s Ojas Agropack P Ltd. as its convener to study the ISO 12777-1,2 and 3 along with the draft prepared by the committee and come up with a draft test method to ensure sufficient strength of pallet joints.</p> <p>The composition of the panel would be as follows :</p> <ol style="list-style-type: none"> 1. M/s Ojas Agropack (Panel Convener) 2. M/s Bagpoly 3. M/s Futuristic 4. M/s CWC 5. M/s FCI <p>The committee requested the panel convener to conduct the panel</p>	<p>preliminary circulation (P-Draft) for 30 days among all committee members for further comments on the Passing Criteria for the for the tests mentioned in the standard for different types of pallets, in alignment with Factor of Safety specified in ISO 8611-1,2&3.</p>	

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		<p>Warehousing Corporation (CWC)</p> <p>4. Mrs. Vemula Sridevi, Food Corporation of India (FCI)</p> <p>5. Mr Madhab Chakraborty, Indian Institute of Packaging (IIP), Delhi</p> <p>6. Mr. Jignesh Shah, Delux Recycling India Private Limited</p> <p>7. Mr. Pradeep Kumar Verma, Bagpoly Industries Limited</p> <p>8. Newgen Speciality Plastic Limited</p> <p>9. Vishakha Industries</p> <p>The committee requested Mr. Sanjay Mishra to redraft the existing document and circulate among the panel members with a copy to BIS. The panel convener also promised to conduct the panel</p>	<p>meeting and come up with new draft test method to ensure sufficient strength of pallet joints for Assembled Plastic Pallets in a month's time.</p>		

Item No.	Subject	Decision of committee in Previous meetings	Proceedings in Last (31 st) Meeting	Status in 32 nd Meeting	Status in 33 rd Meeting
		<p>meeting in the first week of September 2022.</p> <p>Status in 28th Meeting: A panel meeting was conducted on 06/09/2022 under the convenorship of shri Sanjay Mishra from Supreme Industries Limited.</p> <p>The minutes of the panel meeting is attached as Annexure – 2 of the agenda of 28th Meeting.</p> <p>In line with the discussions held, the member secretary has prepared a draft incorporating all the amendments to the standard with editorial modifications and circulated the same to all the committee members through email dt. 09/02/2023.</p> <p>The draft is also attached as <u>Annexure – 3</u> of the agenda.</p> <p>The committee may review the draft.</p>			

Item No.	Subject	Decision of committee in Previous meetings	Proceedings in Last (31 st) Meeting	Status in 32 nd Meeting	Status in 33 rd Meeting
		<p>Decision in the 28th Meeting:</p> <p>The committee discussed the draft attached at Annexure-3 of the agenda in detail.</p> <p>It was proposed by the members to include a new category of ‘Steel and PU reinforced rotational moulded plastic pallets’ as Type E. {Type E1 for <i>Heavy Duty</i> and Type E2 for <i>Normal Operation</i> similar to Type C1 and C2}</p> <p>The committee requested shri V.K. Singh from Newgen speciality plastic limited to Provide the specifications for Type E Pallets including Dimensions, Load Bearing Capacity, Material specification (<i>PU/LDPE/Steel/Any other material including conforming Relevant Indian Standards</i>) along with Minimum weight requirement to the Member</p>			

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		<p>Secretary in 20 days' time.</p> <p>Shri Pradeep Kumar Verma from Bag Poly International Pvt Ltd was requested to provide Detailed Test Methods to perform tests on Top and Bottom members of Assembled Plastic Pallets.</p> <p>The committee also requested the member secretary to examine the inputs received from the members for the draft and incorporate them suitably to the draft.</p> <p>It was also decided to send the modified draft for wide circulation for 60 days after the approval of chairman, TED 24.</p> <p>Status and decision in 29th Meeting : The Working Draft is under preparation. The committee noted.</p> <p>Status in 30th Meeting:</p>			

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		<p>The inputs received from Mr. Pradeep Kumar Verma from Bag Poly International Pvt Ltd have been attached at Annexure-3 of the Agenda of 30th Meeting.</p> <p>Inputs have also been received from Mr. V K Singh and the draft incorporating the inputs is attached at Annexure-4 of the Agenda of 30th Meeting.</p> <p>Some comments on IS 13664 : 1993 have also been received from M/s Futuristic Industries Pvt. Ltd. and the same are attached at Annexure-5 of the Agenda of 30th Meeting.</p> <p>The committee may examine the draft, deliberate the comments and decide accordingly.</p> <p>Decision in 30th Meeting:</p> <p>The draft document was discussed in the meeting. The committee noted that a new category</p>			

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		<p>of pallets (Type E) has been introduced in the draft for Rotomolded Pallets as decided by the committee in the last meeting. During the discussion it was reported by M/s CWC that fasteners of assembled Plastic and Wooden pallets get loose and they make the pallets un-usable after some time. CWC requested BIS to Introduce test methods to ensure sufficient strength of Pallet Joints in Assembled Wooden and Poly Pallets standards. In continuation to this, Mr. Pradeep from Bagpoly International Pvt. Ltd. was requested to Go through ISO 12777-1,2 and 3 along with IS 17427 and IS 13664 to come up with test methods to ensure that pallet joints are sufficiently strong. The comments received from M/s Futuristic International Pvt. Ltd. were also discussed in detail</p>			

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		<p>and decisions as per Annexure-1 of the minutes of 30th meeting were taken. During the discussion, it was also decided to clearly specify in the draft standard that Type A and Type B are meant for Only Stationary Storage and They are not meant for Racking Application as well as these pallets cannot be used for handling purposes through Forklift. It was also discussed and agreed by the committee that performance tests are to be conducted for the Complete Pallets of Type A and B and it is not necessary to carry out the testing of any individual components of the pallets. Mr. Amit Vashisht from M/s Futuristic Industries Pvt. Ltd. was requested to provide the clear line diagram for Fig.1. During the discussion it was also requested to Shri V K Singh to provide line diagram for Type C, Type D and Type E Pallets</p>			

Item No.	Subject	Decision of committee in Previous meetings	Proceedings in Last (31 st) Meeting	Status in 32 nd Meeting	Status in 33 rd Meeting
		<p>along with outer dimensions. The committee requested the member secretary to compile the test methods given in ISO 12777-1,2 and 3 along with IS 17427 and IS 13664 for pallet joints strength and Fasteners and also by considering the inputs from Mr. Pradeep of Bag poly and to do all editorial modification of the Draft. It was also decided to send the document for Wide Circulation for 60 days after taking the approval from chairman, TED 24.</p>			
7.	<p>Draft Amendment to IS 17427 : 2020</p>	-	<p>Status in 31st Meeting : Some comments were received on IS 17427 from Central Marks Department (CMD-III) through email dt. 17/11/2023.</p>	<p>The document was sent for wide circulation for 60 days. No comments have been received on the draft. The committee may deliberate and decide.</p>	<p>The document has been sent for publication. The committee may please note.</p>

Item No.	Subject	Decision of committee in Previous meetings	Proceedings in Last (31st) Meeting	Status in 32nd Meeting	Status in 33rd Meeting
			Decision in 31st Meeting: The committee discussed the comments and decided to issue Amendment 3 to IS 17427. For this, It was decided to send the draft amendment 3 to IS 17427 for wide circulation of 60 days.	Decision in 32nd Meeting: The committee finalized the document and decided to send it for printing.	

ITEM 4 COMMENTS RECEIVED ON INDIAN STANDARDS

4.1 Comments received on IS 1260 (Part 1) :1973

4.1.1 The committee in its last (32nd) Meeting discussed the comments received from Indian Chemical Council (ICC) on IS 1260 (Part 1): 1973. It was noted by the committee that ICC's proposed changes focus mostly on Primary Packaging of Dangerous Goods, rather than Transport Packaging. Given that SC TED 24 oversees Transport Packaging, the committee requested ICC to revise its document to make it suitable for Transport Packaging. For Marking and Labelling requirements of Primary Packaging of Dangerous Goods, ICC was requested to follow up with Chemicals Department (CHD).

4.1.2 An email dt. 26/09/2024 was sent to ICC to update the document for revision of IS 1260(Part 1):1973 to make it suitable for Transport Packaging.

4.1.3 A response was received from Mr. Sivaprakash, Merck with copy to ICC via email dated 03/12/2024 stating “Regarding IS 1260 – As you may aware IS 18149:2023 (Transportation of Dangerous goods guidelines) and IS 1446:2024 (Dangerous goods classification) covers all the aspects of Dangerous goods transportation including IS 1260, I would recommend to obsolete IS 1260.” The copy of the email is attached as **Annex- 2**.

The committee may deliberate and decide.

4.2 Comments received on IS 17427: 2020

4.2.1 The committee in its 32nd Meeting decided to form a new working group for Wooden Pallets under Convenorship of Shri Jitendra Shah from Omega Industries to deliberate the comments received from M/s Naman Enterprises and M/s WROL, BIS and come out with its recommendations.

4.2.2 An email dated 26/11/2024 was sent to Shri Jitendra Shah (Working Group Convener) for scheduling of the first Working Group meeting. The Convener scheduled the meeting on 10/12/2024. Meeting Notice for the same has been sent to all working Group Members through BIS Portal.

4.2.3 In addition to above, Some fresh comments on IS 17427 were received in the meeting conducted with CMD-III, TED and Shri Puneet Goyal, Director, Food, Civil Supplies and Consumer Affairs, Govt of Punjab, dt. 03/12/2024. The comments have been attached on **Annex- 3** and the same has also been forwarded to Working Group convener for further deliberation in WG 1 Meeting.

4.3 Comments received on IS 16058:2024

4.3.1 Some Comments have been received on IS 16058:2024 from M/s IIP through CMD-III and the same has been reproduced below: (The copy of email received is attached as **Annex- 4**)

Clause Number	Comments	Clarification Sought by IIP
On Page No.17 in the para under C-2	Procedure is highlighted with yellow colour regarding the dimensions of a hemispherical block, which is mentioned as having a radius of 25 mm and in Figure No.13, Page No.18, the dimensions of a hemispherical block are mentioned as being 2.5 cm in diameter.	The dimensions of the block to be used for impact; in the above para it is a radius of 25 mm in and in fig. 13, it is mentioned as a diameter 2.5 cm .

On page no. 17, Clause C-2, Para 2, line No.5	(The mass of block together with any associated falling part shall be 4 Kg).	We are not able to maintain the weight of 4.0 kg with a Steel block with the given dimensions
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ITEM 5 PRESENT PROGRAM OF WORK

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**

Present program of work of SC TED 24 as available on BIS Portal is as follows:

Sl. No.	IS No.	TITLE	Reaffirm M-Y	No. of Amds	Eqv.
1	IS 10097 : 1982 Reviewed In : 2023	Code of practice for the packaging of metal cutting tools	February, 2023	1	Indigenous
2	IS 10106 (Part 1) : 1982 Reviewed In : 2021	Packaging code: Part 1 factors affecting the selection of packaging	January, 2021	-	Indigenous
3	IS 10106 (Part 1/Sec 1) : 1990 Reviewed In : 2021	Packaging code: Part 1 product packaging . section 1 foodstuffs and perishables	January, 2021	-	Indigenous
4	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
5	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
6	IS 10106 (Part 1/Sec 4) : 1995 Reviewed In : 2024	Packagingcode: Part 1 product pack - Aging section 4 package cushioning design	January, 2024	-	Indigenous
7	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
8	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
9	IS 10106 (Part 2/Sec 1) : 1985 Reviewed In : 2019	Packaging code: Part 2 packaging materials section 1 metals	September, 2019	-	Indigenous
10	IS 10106 (Part 2/Sec 2) : 1983		September, 2019	-	Indigenous

	Reviewed In : 2019	Packaging code: Part 2 packaging materials section 2 paper and paper board			
11	IS 10106 (Part 2/Sec 3) : 1984 Reviewed In : 2019	Packaging code: Part 2 packaging materials section 3 plastics materials	September, 2019	-	Indigenous
12	IS 10106 (Part 2/Sec 4) : 1986 Reviewed In : 2023	Packaging code: Part 2 packaging materials section 4 fabrics	February, 2023	-	Indigenous
13	IS 10106 (Part 2/Sec 5) : 1990 Reviewed In : 2021	Packaging code: Part 2 packaging materials section 5 wood and plywood	January, 2021	-	Indigenous
14	IS 10106 (Part 2/Sec 6) : 1990 Reviewed In : 2021	Packaging code: Part 2 packaging materials section 6 flexible laminates	January, 2021	-	Indigenous
15	IS 10106 (Part 3/Sec 1) : 1984 Reviewed In : 2023	Packaging: Part 3 ancilliary code materials section 1 cushioning materials	March, 2023	-	Indigenous
16	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
17	IS 10106 (Part 3/Sec 3) : 1985 Reviewed In : 2023	Packaging code: Part 3 ancillary materials section 3 tensional strapping	March, 2023	-	Indigenous
18	IS 10106 (Part 3/Sec 4) : 1988 Reviewed In : 2023	Packaging code: Part 3 ancillary materials section 4 desiccants	February, 2023	-	Indigenous
19	IS 10106 (Part 3/Sec 5) : 1990 Reviewed In : 2022	Packagingcode: Part 3 ancillary materials section 5 twines and cords	March, 2022	-	Indigenous
20	IS 10106 (Part 4/Sec 1) : 1982 Reviewed In : 2023	Packaging code: Part 4 packages section 1 metal containers	February, 2023	-	Indigenous
21	IS 10106 (Part 4/Sec 2) : 1984 Reviewed In : 2019	Packagng code: Part 4 packages section 2 paper and paper based packages	September, 2019	-	Indigenous
22	IS 10106 (Part 4/Sec 3) : 1984 Reviewed In : 2019	Packaging code: Part 4 packages section 3 plastics	September, 2019	-	Indigenous
23	IS 10106 (Part 4/Sec 4) : 1984 Reviewed In : 2019	Packaging code: Part 4 packages section 4 glass containers	September, 2019	-	Indigenous
24	IS 10106 (Part 4/Sec 5) : 1986 Reviewed In : 2022	Packaging code: Part 4 packages section 5 wood based containers	March, 2022	-	Indigenous
25	IS 10106 (Part 4/Sec 6) : 1986 Reviewed In : 2023	Packaging code: Part 4 packages section 6 fabrics/textiles	February, 2023	-	Indigenous
26	IS 10112 : 1982 Reviewed In : 2023	Code of practice for the packaging of bonded abrasive products	February, 2023	-	Indigenous
27	IS 10222 : 1982 Reviewed In : 2023	Code of practice for the packaging of nails	February, 2023	-	Indigenous
28	IS 11076 : 1984			-	Indigenous

	Reviewed In : 2024	Guide for palletization of cashew kernels for export	January, 2024		
29	IS/ISO 11156 : 2011 ISO 11156 : 2011 ISO 11156 : 2011	Packaging Accessible Design General Requirements		-	Identical under dual numbering
30	IS 11430 : 1985 Reviewed In : 2019	Code of practice for the packaging of ball and roller bearings	September, 2019	-	Indigenous
31	IS 11431 : 1985 Reviewed In : 2019	Code of practice for the packaging of electrical indicating and recording instruments	September, 2019	-	Indigenous
32	IS 12452 : 1988 Reviewed In : 2023	Code of practice for packaging of microscopes for export	February, 2023	-	Indigenous
33	IS 1260 (Part 1) : 1973 Reviewed In : 2023	Pictorial Marking for Handling and Labelling of Goods: Part 1 Dangerous Goods (First Revision)	February, 2023	-	
34	IS 1260 (Part 2) : 2020 ISO 780 : 2015	Packaging " Distribution Packaging " Graphical Symbols for Handling and Storage of Packages Part 2 General Goods (Fourth Revision)	-	-	Identical under dual numbering
35	IS/ISO 12776 : 2008 ISO 12776 : 2008 ISO 12776 : 2008	Pallets " Slip Sheets		-	Identical under dual numbering
36	IS 12864 (Part 1) : 1989 Reviewed In : 2019	Packaging of thermosflasks for export - Code of practice: Part 1 complete flask	September, 2019	-	Indigenous
37	IS 12864 (Part 2) : 1989 Reviewed In : 2019	Packaging export of thermosflasks for - Export - Code of practice: Part 2 glass refills	September, 2019	-	Indigenous
38	IS 13013 (Part 1) : 1990 Reviewed In : 2023	Code of practice for packaging thermal insulation materials: Part 1 slabs, mattresses and pipesections made of fibrous materials	February, 2023	-	Indigenous
39	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
40	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
41	IS 13608 : 1993 Reviewed In : 2024	Sheet pallets - Specification	January, 2024	-	Indigenous
42	IS 13609 : 1992 Reviewed In : 2024	Pallets - Quality of timber - Guidelines	January, 2024	-	Indigenous
43	IS 13664 : 1993 Reviewed In : 2024	Poly - Pallets for bag storage godowns - Specification	January, 2024	2	Indigenous
44	IS 13823 : 1993 Reviewed In : 2024	Guidelines for palletization - General cargo	January, 2024	-	Indigenous
45	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
46	IS 14233 : 1995 Reviewed In : 2019	Packaging - Pharmaceutical products - Child resistant tamper - proof packaging for solid dosage forms - Code of practice	September, 2019	-	Indigenous
47	IS 14328 : 1995 Reviewed In : 2021	Packaging - Export packaging of diesel engines upto 500kg - Code of practice	January, 2021	-	Indigenous
48	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
49	IS 15494 : 2004 ISO 11683 Reviewed In : 2019	Packaging - Tactile warnings of danger - Requirements	September, 2019	-	Indigenous
50	IS 15526 : 2004 Reviewed In : 2019 ISO 10531:1992	Packaging - Complete, filled transport packages - Stability testing of unit loads	September, 2019	-	Modified/Technically Equivalent
51	IS 15763 : 2020 ISO 13355 : 2016 ISO 13355 : 2016	Packaging - Complete, Filled Transport Packages and Unit Loads - Vertical Random Vibration Test (First Revision)		-	Identical under dual numbering
52	IS 15771 : 2008 Reviewed In : 2023	Packaging - Complete, filled transport packages and unitloads - Impact test by rotational drop	March, 2023	-	Indigenous
53	IS 15875 : 2009 ISO 15867 Reviewed In : 2019 ISO 15867:2003	Intermediate bulk containers (IBCs) for non - Dangerous goods - Terminology	September, 2019	-	Identical under dual numbering
54	IS 16058 : 2024	Dunnage pallets made from recycled packaging wastes for warehousing application - Specification (First Revision)		-	Indigenous
55	IS/ISO 16103 : 2005 ISO 16103 : 2005 ISO 16103 : 2005	Packaging Transport packaging for dangerous goods Recycled plastics material		-	Identical under dual numbering
56	IS/ISO 16106 : 2020 ISO 16106 : 2020 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		-	Identical under dual numbering
57	IS/ISO 18756 : 2024 ISO 16495 : 2022 ISO 16495 : 2022	Packaging - Transport Packaging for Dangerous Goods - Test Methods (First Revision)		-	Identical under dual numbering
58	IS 16961 : 2024 ISO 21067-1: 2016 ISO 21067-1: 2016	PACKAGING - VOCABULARY - PART 1 GENERAL TERMS (First Revision)		-	Identical under dual numbering

59	IS 17427 : 2020	Wooden (Timber) Pallets for Packaging, Storage and Transportation		2	Indigenous
60	IS/ISO 17480 : 2015 ISO 17480 : 2015 ISO 17480 : 2015	Specification Packaging " Accessible Design " Ease of Opening		-	Identical under dual numbering
61	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
62	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
63	IS 4300 : 1989 Reviewed In : 2024	Box pallets for through transit of goods - Specification (First Revision)	March, 2024	1	Indigenous
64	IS 4740 : 1979 Reviewed In : 2023	Code of Practice for Packaging of Steel Tubes	February, 2023	-	
65	IS 5325 : 1989 Reviewed In : 2024	Box pallets for through transit of goods - Methods of Test (First Revision)	March, 2024	1	Indigenous
66	IS 6219 : 1989 Reviewed In : 2024 ISO 8611-1: 2021	Methods of test for general purpose flat pallets for through transit of goods (Second Revision)	January, 2024	-	Identical under dual numbering
67	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
68	IS 6865 : 1973 Reviewed In : 2024	Specification for pallets for use in ISO series 1 freight containers	January, 2024	-	Indigenous
69	IS 6963 : 1973 Reviewed In : 2019	Pictorial marking on packages containing photographic materials sensitive to radiant energy	September, 2019	-	Indigenous
70	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
71	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
72	IS 7028 (Part 3) : 2002 ISO 2244 Reviewed In : 2023 ISO 2244:2000	Performance tests for complete, filled transport packages: Part 3 horizontal impact tests (Horizontal Or Inclined Test, Pendulum Test) (second Revision)	March, 2023	-	Identical under dual numbering
73	IS 7028 (Part 4) : 1987 ISO 2248	Performance tests for complete, filled transport packages part4	February, 2023	-	Identical under dual numbering

74	Reviewed In : 2023 ISO 2248:1985 IS 7028 (Part 5) : 1987 ISO 2876	vertical impact drop (First Revision) Performance tests for complete, filled transport packages: Part 5 rolling test (First Revision)	February, 2023	-	Identical under dual numbering
75	Reviewed In : 2023 ISO 2876:1985 IS 7028 (Part 6) : 1987 ISO 2872	Performance tests for complete, filled transport packages: Part 6 compression test (First Revision)	March, 2023	-	Identical under dual numbering
76	Reviewed In : 2023 ISO 2872:1985 IS 7028 (Part 7) : 2002 ISO 2873	Performance tests for complete, filled transport packages: Part 7 low pressure test (Second Revision)	March, 2023	-	Identical under dual numbering
77	Reviewed In : 2023 ISO 2873:2000 IS 7028 (Part 8) : 2002 ISO 2875	Performance tests for complete, filled transport packages: Part 8 water spray test (Second Revision)	March, 2023	-	Identical under dual numbering
78	Reviewed In : 2023 ISO 2875:2000 IS 7028 (Part 9) : 2020 ISO 12048 : 1994 ISO 12048 : 1994	Packaging -- Complete filled transport packages -- Compression and stacking tests using a compression tester		-	Identical under dual numbering
79	IS 7028 (Part 10) : 1986 ISO 8474	Performance tests for complete filled transport packages: Part 10 water immersion test	March, 2023	-	Identical under dual numbering
80	Reviewed In : 2023 ISO 8474:1986 IS 7028 (Part 11) : 1986 ISO 8768	Performance tests for complete filled transport packages: Part 11 toppling test	March, 2023	-	Identical under dual numbering
81	Reviewed In : 2023 ISO 8768:1987 IS 7028 (Part 12) : 2002 ISO 8318	Performance tests for complete, filled transport packages: Part 12 vibration test using a sinusoidal variable frequency (First Revision)	March, 2023	-	Identical under dual numbering
82	Reviewed In : 2023 ISO 8318:2000 IS 7030 : 1988 ISO 2206	Identification of parts for complete, filled transport packages when testing (First Revision)	January, 2024	-	Modified/Technically Equivalent
83	Reviewed In : 2024 ISO 2206:1987 IS 7031 : 2002 ISO 2233	Method of conditioning for testing of complete, filled transport packages (Second Revision)	March, 2023	-	Identical under dual numbering
84	Reviewed In : 2023 ISO 2233:2000 7276 : 2021 ISO 6780 : 2003 ISO 6780 : 2003	Flat Pallets for Intercontinental Materials Handling - Principal Dimensions and Tolerances (Third Revision)		-	Identical under dual numbering
85	IS 7705 : 1975	Code of practice for packaging of precision and special purpose steel tubes	September, 2019	1	Indigenous
86	Reviewed In : 2019 IS 7804 : 1983 Reviewed In : 2024	Guide for palletization of tea - Chests (First Revision)	January, 2024	-	Indigenous

87	IS 7960 (Part 1) : 1976 Reviewed In : 2023	Code of practice for packaging machine tools: Part 1 for overseas shipment	February, 2023	-	Indigenous
88	IS 8005 : 2024 ISO 3569: 1976 ISO 3569: 1976	Continuous Mechanical Handling Equipment • Classification of Unit Loads (First Revision)		-	Identical under dual numbering
89	IS 8005 : 1976 Reviewed In : 2024 ISO 3569: 1976	Classification of unit loads	January, 2024	-	Identical under dual numbering
90	IS 8006 : 1988 Reviewed In : 2024	Recommendations for handling of timber pallets (First Revision)	January, 2024	-	Indigenous
91	IS 8354 : 1977 Reviewed In : 2019	Code of practice for packaging of electric fans	September, 2019	1	Indigenous
92	IS 8355 : 1977 Reviewed In : 2019	Code of practice for packaging of sewing machine for household purposes	September, 2019	-	Indigenous
93	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
94	IS 8715 : 1978 Reviewed In : 2023	Code of practice for packaging of bicycles for export	February, 2023	-	Indigenous
95	IS 8716 : 1978 Reviewed In : 2019	Code of practice for packaging of household electrical appliances	September, 2019	-	Indigenous
96	IS 8717 : 1978 Reviewed In : 2019	Code of practice for packaging of cast iron pipes and fittings of 150 mm diameter and below	September, 2019	-	Indigenous
97	IS 9111 : 1979 Reviewed In : 2024	Glossary of terms and classification pertaining to transport packaging	January, 2024	-	Indigenous
98	IS 9208 : 1979 Reviewed In : 2023	Guide for palletization of mica for export	February, 2023	-	Indigenous
99	IS 9732 : 1981 ISO 4178 Reviewed In : 2023	Method for recording information for distribution trials for complete, filled transport packages	February, 2023	-	Indigenous
100	IS 9733 : 2015 ISO 4180 : 2009 Reviewed In : 2021 ISO 4180: 2019	Packaging - Complete, filled transport packages - General rules for the compilation of performance test schedules (First Revision)	January, 2021	-	Identical under dual numbering
101	IS 9733 : 2024 ISO 4180: 2019 ISO 4180: 2019	Packaging • Complete, Filled Transport Packages • 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 (18870)	PACKAGING CODE PART 3 ANCILLARY MATERIALS Section 5 Twines and Cords
2	TED 24 (23333)	GUIDELINES FOR PALLETIZATION GENERAL CARGO First Revision
3	TED 24 (23511)	RECOMMENDATIONS FOR HANDLING OF TIMBER PALLETS Second Revision
4	TED 24 (26975)	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
No Records Found		

Finalized Draft Indian Standard

Sl. No.	Doc No	TITLE
1	TED 24 (25152)	Wooden Timber Pallets for Packaging Storage and Transportation Specification Amendment - 3

Finalized Draft Indian Standards under Print

Sl. No.	Doc No	TITLE
No Records Found		

Total Published Standards:98

Total Standards Under development : 5

Aspect Wise Report

Product:	8
Code of Practices :	53
Methods of Test :	23
Terminology :	4
Dimensions :	5
System Standard :	0
Safety Standard :	2
Others :	2
Service Specification :	0
Process Specification :	0
Unclassified :	1

Total :98

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	

	ISO 11895-2 Reviewed In : 2019	Flexible intermediate bulk - Containers Fibcs Part 2 specifications requirements certification and 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	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	Guide for palletization of tea - Chests First Revision

ITEM 6 REVIEW OF PUBLISHED INDIAN STANDARDS

6.1 As per the statutory requirement of the Bureau, every standard should be reviewed by the Sectional Committee responsible not more than five years after publication, reaffirmation or revision to establish whether it is still current. Circumstances may lead to any earlier review, too.

When reviewing a standard, a committee has five options available:

- a) **reaffirmation** indicating continuing current of the standard without change;
- b) **amendment and reaffirmation** indicating the continuing currently of standard after necessary changes to bring it up to date;
- c) **revision** involving the routine procedure for new project and reaffirm for time being;
- d) **declaration of obsolescence** indicating by amendment that the standard is not recommended for use in new equipment but needs to be retained to provide for the servicing of existing equipment that is expected to have a long working life;
- e) **Withdrawal** indicating that the standard is no longer needed.

6.2 As on-going activity, as indicated at **6.1** above, Sectional Committee reviews the Indian Standards formulated by it at an interval of five years from the date of publication/last review. As per the information available on BIS Portal, the committee in its last (32nd) Meeting noted the standards due for review during 2024-25 and decided as follows :

Sl. No.	IS Number	Year of Publication	IS Title	Status
1.	IS 1260 (Part 2)	2020	Packaging — Distribution Packaging — Graphical Symbols for Handling and Storage of Packages Part 2 General Goods (Fourth Revision)	The standard IS 1260 (Part 2) : 2020 is Identical Adoption of ISO 780: 2015. ISO 780 : 2015 has not been revised by ISO ever since its publication. In view of the above, the review proforma for the standard has been circulated through BIS Portal 24-06-24 The committee may please note.
2.	IS 15494	2004	Packaging - Tactile warnings of danger - Requirements	The standard IS 15494 : 2004 is Identical Adoption of ISO 11683 : 1997. ISO 11683 : 1997 has not been revised by ISO ever since its publication.

				<p>In view of the above, the review proforma for the standard has been circulated through BIS Portal dt. 24-06-24</p> <p>The committee may please note.</p>
3.	IS 15763	2020	Packaging — Complete, Filled Transport Packages and Unit Loads — Vertical Random Vibration Test (First Revision)	<p>The standard IS 15763 : 2020 is Identical Adoption of ISO 13355 : 2016. ISO 13355 : 2016 has not been revised by ISO ever since its publication.</p> <p>In view of the above, the review proforma for the standard has been circulated through BIS Portal 24-06-24</p> <p>The committee may please note.</p>
4.	IS 15875	2009	Intermediate bulk containers (IBCs) for non - Dangerous goods - Terminology	<p>The standard IS 15875 : 2009 is Identical Adoption of ISO 15867 : 2003. ISO 15867 : 2003 has not been revised by ISO ever since its publication.</p> <p>In view of the above, the review proforma for the standard has been circulated through BIS Portal dt. 24-06-24</p> <p>The committee may please note.</p>
5.	IS 7028 (Part 9)	2020	Packaging -- Complete filled transport packages -- Compression and stacking tests using a compression tester	<p>The standard IS 7028 (Part 9) : 2020 is Identical Adoption of ISO 12048 : 1994. ISO 12048 : 1994 has not been revised by ISO ever since its publication.</p> <p>In view of the above, the review proforma for the standard has been circulated through BIS Portal dt. 24-06-24</p> <p>The committee may please note.</p>
6.	IS/ISO 16106	2020	Transport packages for dangerous goods Dangerous goods packagings intermediate bulk containers IBCs and large packagings	<p>The standard IS/ISO 16106 : 2020 is Identical Adoption of ISO 16106 : 2020. ISO 16106 : 2020 has not been revised by</p>

			Guidelines for the application of ISO 9001	ISO ever since its publication. In view of the above, the review proforma for the standard has been circulated through BIS Portal dt 24-06-24 The committee may please note.
7.	IS 10106 (Part 3/Sec 1)	1984	Packaging: Part 3 ancillary code materials section 1 cushioning materials	-
8.	IS 10106 (Part 3/Sec 3)	1985	Packaging code: Part 3 ancillary materials section 3 tensional strapping	-
9.	IS 11431	1985	Code of practice for the packaging of electrical indicating and recording instruments	-
10.	IS 15526	2004	Packaging - Complete, filled transport packages - Stability testing of unit loads	ARP has been allocated to Shri Rahul Rajpoot, Scientist C, BIS. An email dt.11/12/2024 has been sent to Shri Rahul Rajpoot to submit the ARP report.
11.	IS 17427	2020	Wooden (Timber) Pallets for Packaging, Storage and Transportation "Specification	ARP has been allocated to Shri Rahul Rajpoot, Scientist C, BIS. An email dt.11/12/2024 has been sent to Shri Rahul Rajpoot to submit the ARP report.
12.	IS 12864 (Part 1)	1989	Packaging of thermosflasks for export - Code of practice: Part 1 complete flask	-
13.	IS 12864 (Part 2)	1989	Packaging export of thermosflasks for - Export - Code of practice: Part 2 glass refills	-
14.	IS 7705	1975	Code of practice for packaging of precision and special purpose steel tubes	-
15.	IS 8354	1977	Code of practice for packaging of electric fans	-
16.	IS 8355	1977	Code of practice for packaging of sewing machine for household purposes	-
17.	IS 8716	1978	Code of practice for packaging of household electrical appliances	-
18.	IS 8717	1978	Code of practice for packaging of cast iron pipes and fittings of 150 mm diameter and below	-
19.	IS 6963	1973	Pictorial marking on packages containing photographic materials sensitive to radiant energy	-

20.	IS 10106 (Part 2/Sec 1)	1985	Packaging code: Part 2 packaging materials section 1 metals	The standard has been approved for transfer by TEDC in its 30 th Meeting.
21.	IS 10106 (Part 2/Sec 2)	1983	Packaging code: Part 2 packaging materials section 2 paper and paper board	The standard has been approved for transfer by TEDC in its 30 th Meeting.
22.	IS 10106 (Part 2/Sec 3)	1984	Packaging code: Part 2 packaging materials section 3 plastics materials	The standard has been approved for transfer by TEDC in its 30 th Meeting.
23.	IS 10106 (Part 4/Sec 2)	1984	Packaging code: Part 4 packages section 2 paper and paper based packages	The standard has been approved for transfer by TEDC in its 30 th Meeting.
24.	IS 10106 (Part 4/Sec 3)	1984	Packaging code: Part 4 packages section 3 plastics	The standard has been approved for transfer by TEDC in its 30 th Meeting.
25.	IS 10106 (Part 4/Sec 4)	1984	Packaging code: Part 4 packages section 4 glass containers	The standard has been approved for transfer by TEDC in its 30 th Meeting.
26.	IS 11430	1985	Code of practice for the packaging of ball and roller bearings	The standard has been approved for transfer by TEDC in its 30 th Meeting.
27.	IS 14233	1995	Packaging - Pharmaceutical products - Child resistant tamper - proof packaging for solid dosage forms - Code of practice	The standard has been approved for transfer by TEDC in its 30 th Meeting.

The committee may deliberate and decide.

ITEM 7 INTERNATIONAL ACTIVITIES

7.1 SC TED 24 has liaison with ISO TC 51 - Pallets for unit load method of materials handling – Principle (P), ISO TC 122 - Packaging - Principle (P) and its sub-committees i.e. ISO TC 122 SC 3 - Performance requirements and tests for means of packaging, packages and unit loads (as required by ISO/TC 122) and ISO TC 122 SC 4 - Packaging and the environment.

7.2 The live program of work of these technical committees can be accessed through following link:

- a. [Live PoW of ISO TC 51](#)
- b. [Live PoW of ISO TC 122](#)
- c. [Live PoW of ISO TC 122/SC 3](#)
- d. [Live PoW of ISO TC 122/SC 4](#)

The Committee may note.

7.3 [ISO/TC/122](#) meeting is scheduled to take place from June 24 to June 27, 2025, in Prague, Czech Republic. The committee is encouraged to form appropriate delegation to attend this meeting.

ITEM 8 DATE AND PLACE FOR THE NEXT MEETING

ITEM 9 ANY OTHER BUSINESS

ANNEX- 1
(Item 2.2)

**COMPOSITION OF TRANSPORT PACKAGING AND PALLETS SECTIONAL
COMMITTEE, TED 24**

30th Meeting	11th July 2023	Virtual (Webex)
31 st Meeting	9th Jan 2024	Virtual (Webex)
32 nd Meeting	28th June 2024	Virtual (Webex)

Sl. No.	Organization	REPRESENTED BY Principal member (P) Alternate member (A) Young Professional (YP)	Attendance			Total
			30 th	31 st	32 nd	
1)	IN PERSONAL CAPACITY	Dr N. C. Saha (Chairperson)	Y	Y	Y	3/3
2)	Association of Multi Modal Transport Operators of India, Mumbai	Shri Arun Kumar (P) Shri Haresh Lalwani (A)	Y	Y	Y	3/3
3)	Bag Poly International Private Limited, Haryana	Shri Pradeep Kumar Verma(P) Shri K.S.Mehra (A)	Y	Y	Y	3/3
4)	Central Warehousing Corporation, New Delhi	Shri Sidharth Rath (A) Shri Anurag Tripathi (P)	N	Y	Y	2/3
5)	Deekay Pine Board Private Limited, Gandhidham	Shri Ashwini Kedia (P) Shri Nawal Kedia (A) Shri Kshitij Kedia (YP)	N	Y	Y	2/3
6)	Deluxe Recycling India Private Limited, Mumbai	Shri Jignesh Shah (P) Shri Pawan Kumar Tiwari (A)	N	N	Y	1/3
7)	Federation of Corrugated Box Manufacturers of India, Mumbai	Shri Alok Kumar Gupta (A) Shri K P Singh (P)	Y	Y	N	2/3
8)	Food Corporation of India (FCI), New Delhi	Shri S Vijay Kumar (A) Shri Kaushik Das (P)	Y	Y	Y	3/3
9)	Futuristic Industries Pvt. Ltd	Shri Amit Vashisht (P) Shri Ashish Singla (A)	Y	Y	Y	3/3
10)	ITC Limited, Kolkata	Shri Ajith Kumar (P) Shri Kamal Kumar Tyagi (A)	Y	Y	Y	3/3
11)	Indian Institute of Packaging, New Delhi	Shri Tanweer Alam (P) Shri Rahul Tirpude (A)	N	Y	Y	2/3
12)	Nilkamal Limited, Mumbai	Shri Shailesh Irabatti (P) Shri Surinder Singh (A) Shri Imtiyazahmed (YP)	Y	Y	Y	3/3
13)	Omega Industries, Mumbai	Shri Jitendra Shah (P) Shri Narendra Arvind Bhai Makan (A)	N	Y	Y	2/3
14)	Ojas Agropack Private Limited, Noida	Shri Amber Jayna (P) Shri Sidhartt Gupta(A)	-	Y	Y	2/2
15)	Shubhneel Industries, Aurangabad	Shri Ashis Kumar Pal (P) Shri Souvik Pal (A)	Y	N	Y	2/3
16)	Technu International Private Limited, Greater Noida	Shri V. K. Singh (P) Shri Vivek Shukla (A)	Y	Y	N	2/3
17)	The Shipping Corporation of India, Mumbai	Shri Indrajeet Nagar (P) Shri Kunal Yashraj (A)	N	Y	Y	2/3

18)	The Supreme Industries Limited, New Delhi	Shri Sanjay Mishra (P) Shri Shyam Jha (A)	N	Y	Y	2/3
19)	Time Technoplast Limited, Mumbai	Shri B Rai (P) Shri. P.Muralidharan (A)	N	Y	Y	2/3
20)	Vishakha Industries, Baddi	Shri Devang Mehta (P) Shri Ashok Kumar Kharbanda (A)	Y	Y	N	2/3

ANNEX- 2 (Item 4.1)

12/5/24, 12:32 PM

RE: To seek updated draft for Revision of IS 1260 (Part1)

RE: To seek updated draft for Revision of IS 1260 (Part1)

SM Sivaprakash Manivannan <sivaprakash.manivannan@merckgroup.com>
Tue, 03 Dec 2024 4:09:07 PM +0530
To "TEDtctWENTYFOUR Transportation Engineering Department" <ted24@bis.gov.in>, "Gaurav Jayaswal" <gaurav.jayaswal@bis.gov.in>, "Saroj VARAVADEKAR" <saroj.varavadekar@merckgroup.com>
Cc "CHD BIS" <chd@bis.gov.in>, "Dhrumilsoni" <Dhrumilsoni@iccmil.in>, "Santosh Wagh" <santosh.wagh@merckgroup.com>, "iccnha" <iccnhq@iccmil.in>, "drsaha59" <drsaha59@gmail.com>, "Head TED" <hted@bis.gov.in>

Hi Gaurav,
Hope all is well at your end!

Thanks for sharing the meeting minutes. Saroj will continue to seek appointment with CHD team to discuss the draft prepared for the primary container labelregulation.]

Regarding IS 1260 – As you may aware IS 18149:2023 (Transportation of Dangerous goods guidelines) and IS 1446:2024 (Dangerous goods classification) covers all the aspects of Dangerous goods transportation including IS 1260, I would recommend to obsolete IS 1260.

Kindly let me know your thoughts\feedback on this.

Thank you Siva

Best Regards
Sivaprakash Manivannan, CDGP®
Dangerous Goods Compliance Manager – India (LS-QR-HCG)]
Life Science | Hazcom & Chemical Regulations | Classification & Pkg.Compliance



Sigma-Aldrich chemicals (p) limited | Plot no.12, Bommasandra-Jigani link road| Bommasandra Industrial area | Bangalore| Karnataka – 560 099|
Mobile: +91-9741196765| Direct: +91-80-66217831|
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about:blank

ANNEX- 3
(Item 4.2)

Comments received in Meeting with CMD-III, TED and Shri Puneet Goyal, Director, Food, Civil Supplies and Consumer Affairs, Govt of Punjab, dt. 03/12/2024 on IS 17427:2020

Clause No.	Line/Text on which Comment is being Provided	Comment	Justification
10.2	<i>In case of storage pallets for food grain height of pallet shall be minimum 145 mm. for stringers plus 35 mm for planks.</i>	The Height requirement of Pallet for Food Grain Storage application need to be reviewed.	As the height of pallet increases, Lateral Bending tendency of pallet also increases, which might decrease the strength of the pallet.
16.1	<i>There shall be 7 ratings (R) with appropriate codes as given below for through transit pallets: a) 250 kg : A b) 500 kg : B c) 750 kg : C d) 1000 kg : D e) 1250 kg : E f) 1500 kg : F g) 1750 kg : G</i>	The Marking Rating has been prescribed only till load of 1750 kgs. This needs to be reviewed.	In Food Storage Applications, The Load on the pallets reach upto and above 5000 Kgs as well.

ANNEX- 4
(Item 4.3)

Copy of Email Received from M/s IIP through CMD-III containing comments on IS
16058:2024

Re: Fwd: FW: Re: Approved clarification as asked by CMD-III on conditioning requirements in IS 16058: 2024-
Dunnage Pallets made from Recycled Pacakaging Wastes For Warehousing Application

CM

CENTRAL MARKS DEPARTMENT III CMD III <cmd3@bis.gov.in>

Wed, 27 Nov 2024 9:41:33 AM +0530

To "BIS TED" <ted@bis.gov.in>

Cc "BIS SURAT" <subo-bis@bis.gov.in>, "Head TED" <hted@bis.gov.in>, "Head CMD III" <hcmd3@bis.gov.in>

शुद्धमनसः महोदय / महोदय,

This has reference to the trailing mail received from IIP Mumbai, the lab where the sample drawn during preliminary inspection for All India First application was sent for testing.

The lab has sought certain clarifications as mentioned in trailing mail.

It is requested that the requisite clarification may kindly be provided to the lab so that testing may be completed by them. CMD-III and SUBO may please be kept in copy while replying to the lab.

Further, another clarification as requested by CMD-III earlier (Copy attached), may also be expedited as the same is pending for long time.

सादर With regards,

रमेश कुमार Rakesh Kumar

वैज्ञानिक डी / संयुक्त निदेशक Scientist- D/Joint Director

--- On Tue, 26 Nov 2024 18:20:49 +0530 CENTRAL MARKS DEPARTMENT III CMD III <cmd3@bis.gov.in> wrote ---

==== Forwarded message =====

From: tne iip1 <tnaiip1@iip-in.com>

To: <subo-bis@bis.gov.in>

Cc: <lrmd-bis@bis.gov.in>, <cmd3@bis.gov.in>, "material lab" <materiallab@iip-in.com>, "DPC IIP" <ipc@iip-in.com>

Date: Tue, 26 Nov 2024 17:18:30 +0530

Subject: FW: Re: Approved clarification as asked by CMD-III on conditioning requirements in IS 16058: 2024- Dunnage Pallets made from Recycled Pacakaging Wastes For Warehousing Application

==== Forwarded message =====

Dear sir,

As discussed last week regarding IS 16058:2024 about the "Determination of Falling Hammer Impact Strength," we observed that as follows

1. On Page No.17 in the para under C-2 Procedure is highlighted with yellow colour regarding the dimensions of a hemispherical block, which is mentioned as having a radius of 25 mm and in Figure No.13, Page No.18, the dimensions of a hemispherical block are mentioned as being 2.5 cm in diameter.

Kindly clarify the following

- The dimensions of the block to be used for impact ; in the above para it is a radius of 25 mm in and in fig. 13, it is mentioned as a diameter 2.5 cm

2. On page no. 17, Clause C-2,Para 2,line No.5 (The mass of block together with any associated falling part shall be 4 Kg).

Kindly clarify the following

- We are not able to maintain the weight of 4.0 kg with a Steel block with the given dimensions. Kindly clarify.

Thanks and Regards

ANNEX C

(Clause 17.2)

DETERMINATION OF FALLING HAMMER IMPACT STRENGTH

C-1 TEST SPECIMEN

The test specimen shall be 135 mm × 135 mm and shall be of thickness of the board. Each specimen shall be conditioned as specified in 2.2 of IS 2380 (Part I) and the thickness shall be measured to the first decimal place of millimeter.

C-2 PROCEDURE

The test specimen shall be clamped firmly between 2 frames made of 20 mm thick and 20 mm wide hardwood strips, by 8 bolts of 5 mm diameter placed at equal distances from the corner (see Fig. 12). This frame containing the specimen shall be held rigidly on 4 pillars at its corners. It may be noted that minimum internal length and width of the test specimen shall be 90 mm × 90 mm after clamping.

A block having a mild steel hemispherical end with a radius of 25 mm shall be arranged to fall freely on

the center of the specimen by suitable means (see Fig. 13). The mass of the block together with any associated falling part shall be 4 kg. The block shall be allowed to fall first from a height of 25 mm measured from the upper surface of the specimen and then from successive heights rising in increments of 25 mm until final failure of the specimen occurs.

The failure of the specimen may take the form of a puncture or a visible fracture at the bottom of the specimen.

C-3 OBSERVATION AND REPORT

Height of drop causing the final failure in the specimen shall be recorded. The average height of drop for a particular type and thickness of the board shall be reported along with the mass of the hammer and the moisture content.

IS 16058 : 2024

DROP TEST EQUIPMENT

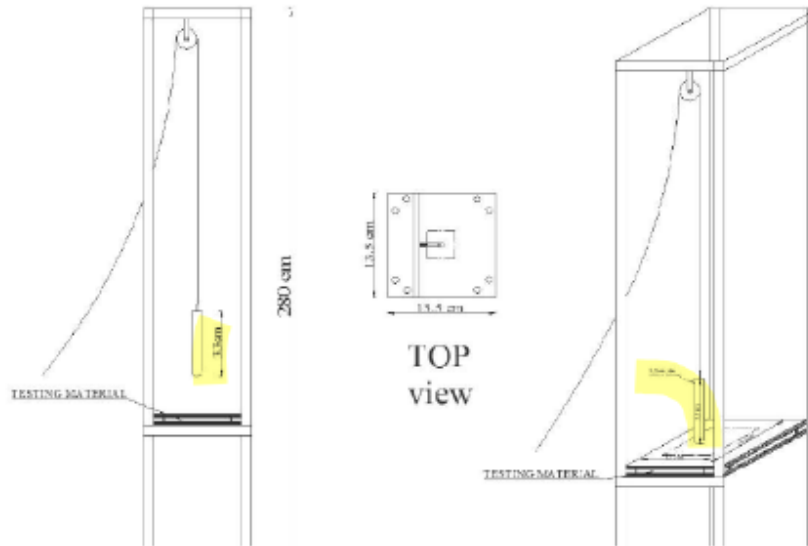


FIG. 13 DROP TEST EQUIPMENT WITH SIDE VIEW

Thanks & Regards

10

Indian Institute of Packaging

Plot E 2, Cross, Rd Number 8, Chakala Industrial Area (MIDC), Andheri East, Mumbai, Maharashtra 400093

From: BIS SURAT <subo-bis@bis.gov.in>

Sent: Monday, November 25, 2024 11:30 AM

To: materiallab <materiallab@iip-in.com>

Cc: LRMD BIS <lrmd-bis@bis.gov.in>; CENTRAL MARKS DEPARTMENT III CMD III <cmd3@bis.gov.in>

Subject: Fwd: Re: Approved clarification as asked by CMD-III on conditioning requirements in IS 16058: 2024- Dunnage Pallets made from Recycled Packaging Wastes For Warehousing Application

Importance: High

महोदय / महोदय,

Please refer to the trailing email received from our nodal department CMD-3 with regards to testing of Dunnage Pallets made from recycled packaging wastes for ware housing application according to IS 16058: 2024. The clarification sought and its explanation is given below. Kindly consider the same while testing of sample.

Clarification asked by CMD-III : "Whether the conditioning as per Cl. 14 is to be done on Pallet or on Waste?"

Clarification approved by SC TED 24 (Through email circulation and chairman's approval): "Conditioning is required for Pallets & Not for the Waste materials."

It is also requested to kindly expedite the testing of applicant sample as the report is pending in your good lab for more than 3 months. Please note that the sample is a priority sample and timely issuance of test report from lab is critical for further processing of case. It is again emphasized to carry out testing and issue report on urgent basis or inform the date by which report will issued.

सादर / Regards

Nikhil Raj
Scientist D

सुरत शाखा कार्यालय / Surat Branch Office

भारतीय मानक ब्यूरो / Bureau of Indian Standards

(उपभोक्ता मामले, खाद्य और सार्वजनिक वितरण मंत्रालय, भारत सरकार)

(Ministry of Consumer Affairs, Food & Public Distribution, Govt. of India)

प्रथम तल, दूरसंचार भवन, करीमाबाद एडमिन बिल्डिंग, घोड़ दोड़ रोड, सुरत- 395001

First Floor, Doorsanchar Bhavan, Karimabad Admin Building, Ghod Dod Road, Surat- 395001

Ph: (0261) 2990071, 2991171, 2992271, 2990690

To visit Surat Branch Office Web Page- Please Scan below:



[We care for the environment. You are encouraged to refrain from taking a print out of this communication, to save paper.]

===== Forwarded message =====

From: CENTRAL MARKS <cmd3@bis.gov.in>

To: "BIS TED" <ted@bis.gov.in>

Cc: "HCMD3" <hcmd3@bis.gov.in>, "Head TED" <hted@bis.gov.in>, "BIS SURAT" <subo-bis@bis.gov.in>, "Gaurav Jayaswal" <gaurav.jayaswal@bis.gov.in>, "drsaha59" <drsaha59@gmail.com>

Date: Thu, 10 Oct 2024 17:16:18 +0530

Subject: Fwd: Re: Approved clarification as asked by CMD-III on conditioning requirements in IS 16058: 2024- Dunnage Pallets made from Recycled Packaging Wastes For Warehousing Application

===== Forwarded message =====

...

📎 1 Attachment(s) · Download as Zip



Mail to TEDs for clarification.pdf

1.5 MB · 🔄