

BUREAU OF INDIAN STANDARDS

DRAFT FOR COMMENTS ONLY

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भारतीय मानक मसौदा

पैकेजिंग - खतरनाक वस्तुओं के लिए परिवहन पैकेजिंग - परीक्षण विधियाँ
(IS/ISO 16495 का पहला पुनरीक्षण)

Draft Indian Standard

Packaging — Transport Packaging for Dangerous Goods — Test Methods
(First Revision of IS/ISO 16495)

ICS: 55.020; 13.300

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

NATIONAL FOREWORD

This draft Indian Standard which is identical with ISO 16495: 2022 ‘Packaging — Transport Packaging for Dangerous Goods — Test Methods’ issued by International Organization for Standardization (ISO), will be adopted by the Bureau of Indian Standards on the recommendations of Transport Packages, Packaging Codes and Pallets Sectional Committee and approval of the Transport Engineering Division Council.

This standard was originally published as IS/ISO 16495: 2013 which was identical adoption of ISO 16495: 2013. In order to harmonize with the latest international practices, IS 16495 is being revised to harmonize it with ISO 16495: 2022.

The major changes in this first revision of the standard are as follows:

- a) Changes to Table B.1, Table B.2, Table B.3, Table C.1, Table D.1, Table D.2 and Table D.3;
- b) Additional requirements in Annex H, “H.2 Preparation” added;
- c) Deletion of Table H.1; and
- d) Editorial improvements.

The text of ISO standard is proposed for publication as an Indian Standard without deviations. Certain terminologies and conventions are, however, not identical to those used in Indian Standards. Attention is particularly drawn to the following:

- a) Wherever the words ‘International Standard’ appear referring to this draft standard, they should be read as ‘Indian Standard’.
- b) Comma (,) has been used as a decimal marker, while in Indian Standards, the current practice is to use a point (.) as the decimal marker.

In this adopted standard, reference appears to certain International Standards for which Indian Standards also exist. The corresponding Indian Standards, which are to be substituted in their respective places, are listed below along with their degree of equivalence for the editions indicated:

<i>International Standard</i>	<i>Corresponding Indian Standards</i>	<i>Degree of Equivalence</i>
ISO 2206: 1987 Packaging — Complete, filled transport packages — Identification of parts when	IS 7030: 1988 Identification of parts for complete, filled transport packages when testing (First	Modified/Technically Equivalent

testing	Revision)	
ISO 2248: 1985 Packaging — Complete, filled transport packages — Vertical impact testing by dropping	IS 7028 (Part 4) : 1987 ISO 2248: 1985 Performance tests for complete, filled transport packages part4 vertical impact drop (First Revision)	Identical under dual numbering
ISO 2875: 2000 Packaging — Complete, filled transport packages and unit load — Water-spray test	IS 7028 (Part 8) : 2002 / ISO 2875:2000 Performance tests for complete, filled transport packages: Part 8 water spray test (Second Revision)	Identical under dual numbering
ISO/IEC 17025: 2015 General requirements for the competence of testing and calibration laboratories united nations recommendation on the transport of dangerous goods — Model regulations	IS/ISO/IEC 17025: 2017 General requirements for the competence of testing and calibration laboratories (Second Revision)	Identical under single numbering

Attention is drawn to the possibility that some of the elements of this standard may be the subject of patent rights. The Bureau of Indian Standards shall not be held responsible for identifying any or all such patent rights.

In reporting the result of a test or analysis made in accordance with this standard, if the final value, observed or calculated, is to be rounded off it shall be done in accordance with IS 2: 2022 ‘Rules for rounding off numerical values (*second revision*)’.

SCOPE

This International Standard specifies the information needed for the design type testing of packaging, Intermediate Bulk Containers (IBCs) and large packaging intended for use in the transport of dangerous goods.

NOTE 1 — This International Standard can be used in conjunction with one or more of the international regulations set out in the Bibliography.

NOTE 2 — The term “packaging” includes packaging for Class 6.2 infectious substances according to the United Nations.

**FOR COMPLETE TEXT OF THE DOCUMENT KINDLY REFER ISO 16495: 2022
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