

For Comments Only

BUREAU OF INDIAN STANDARDS

DRAFT FOR COMMENTS ONLY

(Not to be reproduced without the permission of BIS or used as an Indian Standard)

भारतीय मानक मसौदा

हवा के लिए परीक्षण के तरीके — भूमि कार्गो पैलेट नेट

(पहला पुनरीक्षण)

Draft Indian Standard

Methods of Test for Air — Land Cargo Pallet Nets

(First Revision)

ICS: 55.180.30

Air and Space Vehicles Sectional Committee, TED 14	Last date for receipt of comments is
	28/08/2024

NATIONAL FOREWORD

(Identical Clause to be added later)

This Indian Standard (*First Revision*) which is identical with ISO 4115 : 1997 'Air cargo equipment — Air/land pallet nets' issued by International Organization for Standardization (ISO), was adopted by the Bureau of Indian Standards on the recommendations of the Air and Space Vehicles Sectional Committee had been approved by the Transport Engineering Division Council.

This standard was originally published in 1986. The first revision of this standard has been undertaken to keep pace with the latest technological developments and align it with the latest version of ISO 4115: 1997.

The text of ISO standard has been approved as suitable 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:

- Wherever the words 'International Standard' appear referring to this standard, they should be read as 'Indian Standard'.
- 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 Standard for which Indian Standard also exists. The corresponding Indian Standard, which is to be substituted in its respective places, is listed below along with its degree of equivalence for the edition indicated:

<i>International Standard</i>	<i>Corresponding Indian Standard</i>	<i>Degree of Equivalence</i>
ISO 4117 : 1993 Air and air/land cargo pallets — Specification and testing.	IS 11499 : XXXX/ISO 4117:1993 Air and air/land ,cargo pallets — Specification and testing (<i>under development</i>)	Identical under dual numbering

The technical committee has reviewed the provisions of following International Standards referred in this adopted standard and has decided that they are acceptable for use in conjunction with this standard:

<i>International Standard</i>	<i>Title</i>
ISO 7166 : 1985	Aircraft — Rail and stud configuration for passenger equipment and cargo restraint.
ISO 8097 : 1995	Aircraft — Minimum airworthiness requirements and test conditions for certified air cargo unit load devices.
ISO/TR 8647 : 1990	Environmental degradation of textiles used in air cargo restraint equipment.
ISO 9788 :1990	Air cargo equipment — Cast components of double stud fitting assembly with a load capacity of 22 250 N (5 000 lbf), for aircraft cargo restraint.

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, 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 dimensional, structural and environmental requirements for pallet nets up to 3 m (10 ft) in height to be used in freighter versions of high capacity fixed-wing aircraft and is intended to be used in conjunction with 2,44 m (8 ft) wide air only and air/land pallets described in ISO 4117.

This International Standard establishes five basic sizes of pallet nets as given in table 1.

Table 1 — Sizes of pallet nets

Pallet net size		Dimensions of the maximum load to be restrained by pallet net		Code (in accordance with ISO 8097)
m	ft	m	ft	
3	10	2,44 × 2,99 × 3	96 × 117,75 × 118	2F1N
5	16	2,44 × 4,94 × 3	96 × 196 × 118	2R1N
6	20	2,44 × 6,05 × 3	96 × 238,5 × 118	2G1N
9	30	2,44 × 9,12 × 2,44	96 × 359,95 × 96	2H1N
12	40	2,44 × 12.19 × 2,44	96 × 480 × 96	2J1N

FOR COMPLETE TEXT OF THE DOCUMENT KINDLY REFER ISO 4115:1997 or CONTACT:

Head
Transport Engineering Department
Bureau of Indian Standards
9 Bahadur Shah Zafar Marg
New Delhi 110 002
Email: ted@bis.org.in, hted@bis.org.in
Telefax: 011- 2323 6311