

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

**कार्गो की गणना की विमान पद्धति
कम्पार्टमेंट वॉल्यूम**

(पहला पुनरीक्षण)

Draft Indian Standard

**AIRCRAFT METHODOLOGY OF CALCULATING CARGO
COMPARTMENT VOLUMES**

(First Revision)

ICS: 49.045

**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 standard was originally published in 1988. 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 10046: 1996.

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:

- 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 Standards, which is to be substituted in its respective place, 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 10254:1995	IS 17096 : 2019/ ISO 10254 : 2016	Identical under dual numbering

<i>International Standard</i>	<i>Corresponding Indian Standard</i>	<i>Degree of Equivalence</i>
Air cargo and ground equipment — Vocabulary	Air Cargo and Ground Equipment — Vocabulary	

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 covers the methodology of defining and determining the internal volumes of both the main deck and lower deck aircraft cargo compartments. The minimum required clearance between the compartment envelope and the unit load devices (ULDs) is also stated in order to provide the maximum ULD external contour and the methodology to define the ULD internal volumes.

FOR COMPLETE TEXT OF THE DOCUMENT KINDLY REFER ISO 10046: 1996 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