INTERNATIONAL STANDARD

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Series 1 freight containers — Specification and testing —

Part 1: General cargo containers for general purposes

Conteneurs de la série 1 — Spécifications et essais — Partie 1: Conteneurs d'usage général pour marchandises diverses



Reference number ISO 1496-1 : 1990 (E)

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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, govern-mental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an international Standard requires approval by at least 75 % of the member bodies cashing a vote.

Committee ISO/TC 104, International Standard ISO 1496-1 was prepared by Technical Freight containers.

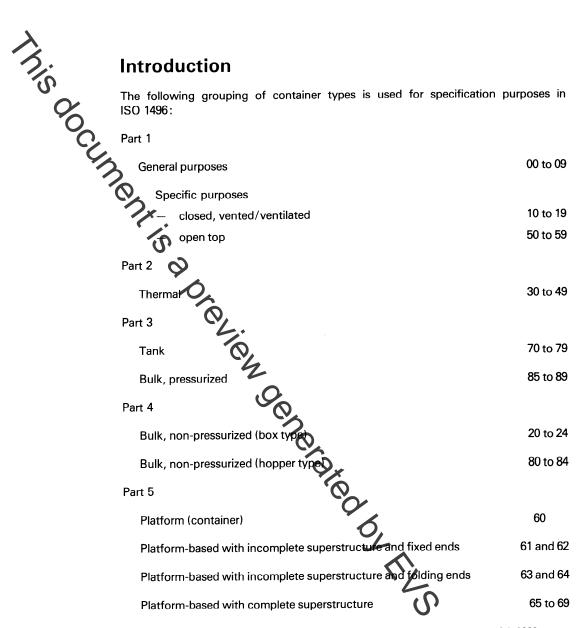
This fifth edition cancels and replaces the fourth edition (ISO 149 1984). It incorporates Amendment 1 and Draft Amendment 2.

ISO 1496 will consist of the following parts, under the general title Series freight containers - Specification and testing:

- Part 1: General cargo containers for general purposes
- Part 2: Thermal containers
- Part 3: Tank containers for liquids, gases and pressurized dry bulk
- Part 4: Non-pressurized containers for dry bulk
- Part 5: Platform and platform-based containers

rerated by FLY-Annexes A to F form an integral part of this part of ISO 1496. Annex G is for information only.

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NOTE - Container types 90 to 99 are reserved for air/surface containers: see ISO 8323.

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Series 1 freight containers — Specification and testing –

Part 1: General cargo containers for general purposes

1 Scope

1.1 This part of ISO 1496 specifies the basic specifications and testing requirements for ISO series 1 freight containers of the totally enclosed general purpose types and certain specific purpose types (closed, vented, ventilated or open top) which are suitable for international exchange and for conveyance by road, rail and sea, including interchange between these forms of transport.

1.2 The container types covered by this part of 1991496 are given in table 1.

Table 1 — Container types

Type code designation ¹⁾	Туре
00 to 04	Closed, including opening roof
10, 11	Closed, vented
13, 15, 17	Closed, ventilated
50 to 53	Open-top

This part of ISO 1496 does not cover ventilation arrangements, either vented or ventilated.

1.3 The marking requirements for these containers are given in ISO 6346.

2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this part of ISO 1496. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this part of ISO 1496 are encouraged to investigate the possibility of applying the most recent editions of the standards indicated below. Members of IEC and ISO maintain registers of currently valid International Standards.

ISO 668 : 1988, Series 1 freight containers – Classification, dimensions and ratings.

ISO 830 : 1981, Freight containers – Terminology.

ISO 1161 : 1984, Series 1 freight containers — Corner fittings — Specification.

ISO 6346 : 1984, Freight containers — Coding, identification and marking.

3 Definitions

For the purposes of this part of ISO 1496, the definitions given in ISO 830 apply.

4 Dimensions and ratings

4.1 External dimensions

The overall external dimensions and tolerances of the freight containers covered by this part of ISO 1496 shall be those petablished in ISO 668 except that open-top containers may be of reduced height, in which case they shall be designated 1AX, 1B, 1CX and 1DX. No part of the container shall project beyond these specified overall external dimensions.

4.2 Internal dimensions

Internal dimensions of containers shall be as large as possible, but, in any cases

- closed containers type 00 shall comply with the requirements for minimum internal length, width and height given in 4.3;

 containers type 03, having partial opening(s) in the side(s), shall comply with the requirements for minimum internal length and height given in 4.3;

 containers type 03, having an opening roof, shall comply with the requirements for minimum internal length and width given in 4.3;

 containers types 01 and 04, having openings in the side(s) and/or roof, shall comply with the requirements for minimum internal length given in 4.3;

 closed, vented containers types 10 and 11 shall comply with the requirements for minimum internal length, width and height given in 4.3;