

# INTERNATIONAL STANDARD

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## **Series 1 freight containers — Handling and securing**

*Conteneurs de la série 1 — Manutention et fixation*



Reference number  
ISO 3874:1997(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, governmental 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 approval before their acceptance as International Standards by the ISO Council. They are approved in accordance with ISO procedures requiring at least 75 % approval by the member bodies voting.

International Standard ISO 3874 was prepared by Technical Committee ISO/TC 104, *Freight containers*, Subcommittee SC 1, *General purpose containers*.

This fifth edition cancels and replaces the fourth edition (ISO 3874:1988), of which it constitutes a technical revision. It is planned that the physical and functional requirements for the securing devices will be attached as amendments to this International Standard, whereas the rationale for these requirements will be given in a type 3 Technical Report.

Annex A of this International Standard is for information only.

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# Series 1 freight containers — Handling and securing

## 1 Scope

This International Standard specifies methods of handling and securing series 1 freight containers built and tested to comply with the latest editions of ISO 1496-1 to ISO 1496-5.

NOTE — Freight containers built according to specifications contained in earlier editions of ISO 1496 may not possess the same capabilities.

This International Standard defines basic principles and procedures to ensure safe operation of containers in all surface modes of transport.

Methods of handling and securing are described for both loaded and empty containers. The conditions for lifting different types of loaded and empty containers are laid down in clause 6.

## 2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this International Standard. At the time of the publication, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on the International Standard 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 668:1995, *Series 1 freight containers — Classification, dimensions and ratings*.

ISO 830:—<sup>1)</sup>, *Freight containers — Vocabulary*.

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

ISO 1496-1:1990, *Series 1 freight containers — Specification and testing — Part 1: General cargo containers for general purposes*.

ISO 1496-2:1998, *Series 1 freight containers — Specification and testing — Part 2: Thermal containers*.

ISO 1496-3:1995, *Series 1 freight containers — Specification and testing — Part 3: Tank containers for liquids, gases and pressurized dry bulk*.

ISO 1496-4:1991, *Series 1 freight containers — Specification and testing — Part 4: Non-pressurized containers for dry bulk*.

ISO 1496-5:1991, *Series 1 freight containers — Specification and testing — Part 5: Platform and platform-based containers*.

ISO 6346:1995, *Freight containers — Coding, identification and marking*.

1) To be published. (Revision of ISO 830:1981)