## INTERNATIONAL STANDARD

ISO 1496-1

Sixth edition 2013-07-01

# 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



ISO 1496-1:2013(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.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2. www.iso.org/directives

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The committee responsible for this document is ISO/TC 104, *Freight containers*, SC 1, *General purpose containers*.

This sixth edition cancels and replaces the fifth edition (ISO 1496-1:1990), which has been technically revised. It also incorporates the Amendments ISO 1496-1:1990/Amd1:1993, ISO 1496-1:1990/Amd2:1998, ISO 1496-1:1990/Amd3:2005, ISO 1496-1:1990/Amd4:2006, ISO 1496-1:1990/Amd5:2006.

ISO 1496 consists of the following parts, under the general title *Series 1 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

Annexes A to F form an integral part of this part of ISO 1496.

### Introduction

The following grouping of container types is used for specification purposes in ISO 1496:

Part 1

General purposes	00 to 09	
Specific purposes		
<ul><li>closed, vented/ventilated</li></ul>	10 to 19	
<ul><li>open top</li></ul>	50 to 59	
Part 2		
Thermal	30 to 49	
Part 3		
Tank	70 to 79	
Bulk, pressurized	85 to 89	
Part 4		
Bulk, non-pressurized (box type)	20 to 24	
Bulk, non-pressurized (hopper-type)	80 to 84	
Part 5		
Platform (container)	60	
Platform-based with incomplete superstructure and fixed ends	61 and 62	
Platform-based with incomplete superstructure and folding ends	63 and 64	
Platform-based with complete superstructure 65 to 69	65 to 69	

NOTE 1 Container types 90 to 99 are reserved for air/surface containers; see ISO 8323.

NOTE 2 The following conversions can be useful when using this part of ISO 1496:

- 5 mm = 3/16 in
- 6 mm = 1/4 in
- 12,5 mm $^{+5}_{-1,5}$  mm=1/2 in $^{+3/16}_{-1/13}$  in
- -25 mm = 1 in
- 60 mm = 2 3/8 in
- 250 mm = 97/8 in
- -470 mm = 18 1/2 in
- 550 mm = 21 5/8 in
- 750 mm = 29 1/2 in
- -1000 mm = 393/8 in