

This is a preview of "ISO 6346:2022". [Click here to purchase the full version from the ANSI store.](#)

Fourth edition
2022-04

Freight containers — Coding, identification and marking

*Conteneurs pour le transport de marchandises — Codage,
identification et marquage*



Reference number
ISO 6346:2022(E)

© ISO 2022



COPYRIGHT PROTECTED DOCUMENT

© ISO 2022

All rights reserved. Unless otherwise specified, or required in the context of its implementation, no part of this publication may be reproduced or utilized otherwise in any form or by any means, electronic or mechanical, including photocopying, or posting on the internet or an intranet, without prior written permission. Permission can be requested from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office
CP 401 • Ch. de Blandonnet 8
CH-1214 Vernier, Geneva
Phone: +41 22 749 01 11
Email: copyright@iso.org
Website: www.iso.org

Published in Switzerland

This is a preview of "ISO 6346:2022". [Click here to purchase the full version from the ANSI store.](#)

Contents

	Page
Foreword	iv
1 Scope	1
2 Normative references	2
3 Terms and definitions	2
4 Identification system and its associated marks	2
4.1 Identification system.....	2
4.1.1 General.....	2
4.1.2 Owner code.....	2
4.1.3 Equipment category identifier.....	2
4.1.4 Serial number.....	3
4.1.5 Check digit.....	3
4.2 Identification marks.....	3
5 Size and type codes and their associated marks	3
5.1 Purpose.....	3
5.2 Size and type codes.....	3
5.2.1 General.....	3
5.2.2 Size: two alphanumeric characters.....	3
5.2.3 Type: two characters.....	4
6 Operational marks	4
6.1 General.....	4
6.2 Mandatory operational marks.....	4
6.2.1 Maximum gross and tare masses.....	4
6.2.2 Air/surface container symbol.....	4
6.2.3 Warning sign of overhead electrical danger.....	5
6.2.4 Height mark for containers higher than 2,6 m (8 ft 6 in).....	5
6.2.5 Width mark for containers with an overall width greater than 2 438 m (8 ft).....	5
6.3 Optional operational mark (maximum mass of payload).....	5
7 Physical display of marks	5
7.1 Size and colour of marks.....	5
7.2 Layout and location of marks.....	6
7.2.1 Layout of marks.....	6
7.2.2 Location of marks.....	9
Annex A (normative) Determination of check digit	11
Annex B (normative) Symbol to denote air/surface container	13
Annex C (normative) Sign warning of overhead electrical danger	14
Annex D (normative) Size code designation	15
Annex E (normative) Type Code designation	17
Annex F (normative) Height marks for containers higher than 2,6 m (8 ft 6 in)	23
Annex G (normative) Overall width marks for containers wider than 2 438 m (8 ft)	24
Bibliography	25

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 (see www.iso.org/directives).

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see www.iso.org/patents).

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT), see www.iso.org/iso/foreword.html.

This document was prepared by Technical Committee ISO/TC 104, *Freight containers*, Subcommittee SC 4, *Identification and communication*, in collaboration with European Committee for Standardization (CEN) Technical Committee CEN/TC 119, *Intermodal loading units and Cargo securing (ILUCS)*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This fourth edition cancels and replaces the third edition (ISO 6346:1995), which has been technically revised. It also incorporates the Amendment ISO 6346:1995/Amd 3:2012.

The main changes are as follows:

- Incorporation of previous amendments to the standard to include the provision of markings to identify containers with reduced stacking or racking;
- Inclusion of new markings to identify over width containers;

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.