

ICS 55.180.10
CCS A 85



**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 17273.1-1998

Replacing GB/T 17273-2006

**Freight containers - Equipment data exchange - General
communication codes
(English Translation)**

Issued on: November 27, 2023

Implemented on: March 1, 2024

**Issued by: State Administration for Market Regulation, China National
Standardization Administration**

Table of Contents

Preface
1 Scope
2 Normative references
3 Terms and Definitions
4 Abbreviations
5 General
6 Data elements and codes
Appendix A (Normative) Material Type Code
Appendix B (normative) Container damage type code
Appendix C (Normative) Message type code
Appendix D (Normative) Structural status, repair status, external coating, internal coating and heavy/empty container identification code
Appendix E (normative) Damage location code
Appendix F (normative) Repair type code
Appendix G (Normative) Measurement units, repair area dimensions and workload codes
Appendix H (Normative) Responsibility Code
Appendix I (Informative) Organization and Address Code
Appendix J (Normative) Container Parts Code
Appendix K (normative) Trailer parts code
Appendix L (normative) CEDEX code 60 in Latin alphabetical order

Foreword

This document complies with the provisions of GB/T 1.1-2020 "Standardization Work Guidelines Part 1: Structure and Drafting Rules of Standardization Documents" Drafting:

This document replaces GB/T 17273-2006 "Container Equipment Data Exchange (CEDEX) General Communication Code" and is consistent with Compared with GB/T 17273-2006, in addition to structural adjustments and editorial changes, the main technical changes are as follows:

- a) Changed the statement about the damage location range (see E:2:1, C:2 of the:2006 edition);
- b) Changed the content of the example (see E:3, C:3 of the:2006 version);

- c) The regulations for the fourth character of the trailer frame (main frame) have been changed (see E:4:3, C:4:3 of the:2006 edition);
- d) Changed the numeric code 60609 and its corresponding CEDEX code to the numeric code 60690 and its corresponding CEDEX code (See Appendix J, Appendix K of the:2006 edition);
- e) Change the numerical code "K:1 General Cargo Container Parts" to "J:1 General, Open Top and Platform Container Parts" (see table J:1 in J:1, K:1 of the:2006 edition);
- f) Changed the description of numerical code 40070 (see J:4:1 in Table J:1, K:4:1 of the:2006 version);
- g) The CEDEX code corresponding to the numerical code 61760 has been changed (see J:6:5 in Table J:1, K:6:5 of the:2006 version);
- h) The CEDEX code corresponding to the numerical code 70070 has been changed (see J:7:1 in Table J:1, K:7:1 of the:2006 version):

This document is modified to adopt ISO 9897:1997 "Container Equipment Data Exchange (CEDEX) General Communication Code":

Compared with ISO 9897:1997, this document has made the following structural adjustments:

---Added a chapter of "Abbreviations";

---Adjusted the order of appendices:

Technical differences between this document and ISO 9897:1997 and their reasons:

---Replaced ISO 6346:1995 with normatively cited GB/T 1836, and GB/T 2659 replaced ISO 3166:1993 (see table J:4:1 in J:1), increase operability and facilitate the application of this document:

The following editorial changes have been made to this document:

---Changed the name "Container Equipment Data Exchange (CEDEX) General Communication Code" to "Container Equipment Data Exchange general communication codes";

---Incorporate the contents of ISO 9897:1997/Cor1:2001 technical errata;

---Added the abbreviations of "Container Equipment Data Exchange" and "Business and Transportation Management Electronic Data Exchange";

---Change the footnotes of the articles in Appendix C to the footnotes of the table;

---Deleted unnecessary notes in the appendix:

Please note that some content in this document may involve patents: The publisher of this

document assumes no responsibility for identifying patents:

1 Scope

This document specifies the general principles, data elements and codes used for container equipment data exchange:

This document applies to communications between business entities related to container movement:

2 Normative reference documents

The contents of the following documents constitute essential provisions of this document through normative references in the text: Among them, the dated quotations for undated referenced documents, only the version corresponding to that date applies to this document; for undated referenced documents, the latest version (including all amendments) applies to this document:

GB/T 1836 Container codes, identification and marking (GB/T 1836-2017, ISO 6346:1995, IDT) GB/T 2659 (all parts) Name codes of countries and regions in the world and their administrative divisions [ISO 3166 (all parts)] Note: GB/T 2659.1-2022 Name codes of countries and regions in the world and their administrative divisions Part 1: Country and region codes (ISO 3166-1:

2020,MOD)

GB/T 2659.2-2022 Name codes of countries and regions in the world and their administrative divisions Part 2: Administrative division codes (ISO 3166-2:

2020,MOD)

3 Terms and definitions

There are no terms or definitions to be defined in this document:

4 Abbreviations

The following abbreviations apply to this document:

merceandTransport)

5 General principles

In this document, codes are assigned to pieces of information called "data elements" that are typically used in relation to cargo containers:

In business: These data elements are given names and definitions, and each data element

is assigned a CEDEX letter or alphanumeric code:

code: Each type of information (such as damage, parts, repair status and location, etc.) is maintained by its own code table: One code can be used in multiple it is reused in different code tables, but in a single code table, a code is only used to represent one data element:

Data elements may be represented as the materials from which the container is constructed: For example: CEDEX code "LS" is shown in the material type code table (Appendix A)