

ICS 55.180.01

CCS A 85



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

GB/T 33574-2017

Coding of freight containers manufacturer's serial number

集装箱生产序列号编码

Issued on: May 12, 2017

Implemented on: December 1, 2017

**Issued by: General Administration of Quality Supervision, Inspection and
Quarantine;
Standardization Administration of the PRC**

Table of Contents

- 1 Scope
- 2 Normative references
- 3 Coding rules
 - 3.1 Basic requirements
 - 3.2 Manufacturing plant code
 - 3.3 Size and type code
 - 3.4 Year of manufacture
 - 3.5 Serial number
- 4 Marking requirements

Foreword

This standard was drafted in accordance with the rules given in GB/T 1.1-2009.

This standard was proposed by and is under the administration of the National Technical Committee on Containers of Standardization Administration of China (SAC/TC 6).

The drafting organisations of this standard are the Waterborne Transport Research Institute of the Ministry of Transport, the China Classification Society, China Railway Container Transport Co., Ltd. and China International Marine Containers (Group) Co., Ltd.

The main drafters of this standard are Deng Yanjie, Li Ning, Li Jichun, Tang Ruiying, Jin Jing, Zhao Jietao, Wang Jing, Wang He, Sun Kejia, Zhou Shouqin, Hu Jinping and Cao Wensheng.

GB/T 33574-2017 was issued on 12 May 2017 by the General Administration of Quality Supervision, Inspection and Quarantine and the Standardization Administration of the People's Republic of China, and has been in force since 1 December 2017.

1 Scope

China's national standard for the manufacturer's serial number of a freight container - the number stamped into the steel when the box is built. A container in service carries several identities and they are not the same thing. The owner's code and equipment identification number painted on the side identify it commercially, and they are repainted when the box changes hands, so a container that has been sold three times has answered to three different numbers. The manufacturer's serial number does not change. The standard makes that explicit in a note to its scope: the serial number is the product's works number and the

container's only permanent identity code, used by interested parties to identify it. That permanence is what makes it useful. When a structural defect turns up in service and has to be traced back to a works and a production run, when the true age of a box has to be established for a survey or a sale, or when ownership is in dispute, the painted number proves nothing and the stamped one settles it. The standard specifies the coding rules and the marking requirements, gives the code four parts - manufacturing plant code, size and type code, year of manufacture and serial number - and requires the number to be struck on the corner posts, the corner fittings and other important structural parts of the box before it leaves the works. It applies to the freight containers specified in GB/T 1413, and other types of container and container ancillary equipment may refer to it.

This standard specifies the coding rules and the marking requirements for the manufacturer's serial number of freight containers.

This standard applies to the freight containers specified in GB/T 1413; other types of freight container and container ancillary equipment may refer to it.

NOTE: This manufacturer's serial number is the works number of the product, and is also the only permanent identity code of the container; it is used by interested parties to identify the identity information of that container.

2 Normative references

The following documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

GB/T 1413 Series 1 freight containers - Classification, dimensions and ratings (GB/T 1413-2008, ISO 888:1995, IDT)

GB/T 1836 Freight containers - Coding, identification and marking (GB/T 1836-1997, idt ISO 6346:1995)

3.1 Basic requirements

3.1.1 Composition of the code. The manufacturer's serial number of a freight container consists of the following four parts: a) the manufacturing plant code; b) the size and type code; c) the year of manufacture; d) the serial number.

3.1.2 Structure of the code. The structure of the coding of the manufacturer's serial number is shown in Figure 1, which sets the four parts out in order - manufacturing plant code, size and type code, year of manufacture, serial number - with the example ABCD, 22G1, 15, 123456.

3.2 Manufacturing plant code

The manufacturing plant code is unique: different manufacturing plants shall not use the same code. The code uses capital Latin letters and shall be no more than four characters long.

3.3 Size and type code

The size and type code of the container is marked in accordance with GB/T 1836. The size and type code has four characters: the first two indicate the size of the container and the last two indicate the type of the container.

3.4 Year of manufacture

This code is expressed by a two-digit numeric code; for example the year 2015 is expressed as 15.

3.5 Serial number

The serial number is expressed by six digits, with a maximum value of 999999.

4 Marking requirements

The manufacturer's serial number of the container shall be marked, at the time the container leaves the works, on the corner posts, the corner fittings and other important structural parts of the container body.