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

GB/T 13145-2018

Replacing GB/T 13145-1991

**Specification and management requirements of the stacking
yard for refrigerated containers**

冷藏集装箱堆场技术管理要求

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Foreword

This standard was drafted in accordance with the rules given in GB/T 1.1-2009. This standard replaces GB/T 13145-1991 "Mechanical refrigerated container yard technical management requirements." Compared with GB/T 13145-1991, the main technical changes except editorial modification are as follows:

- Added 1EEE, 1EE, 1AAA refrigerated containers (see Chapter 1, 4.1.4.5);
- Added the content of the fixed power supply bracket [see 3.4, 4.1.3.3b), 4.1.4.7, 4.1.4.8b)];
- Increased the requirement for reserved 220V power supply for maintenance [see 4.1.3.2c)];
- Increased emergency power facility configuration requirements at power failure (see 4.1.3.5);
- Increased requirements for setting up dedicated substations (see 4.1.4.6);
- Added the principle requirement for establishing a reefer management system [see 4.2.1b)];
- Increased technical requirements for entry and exit [see 4.2.2d), 4.2.2e), 4.2.2f)];
- Increased time requirements for power interruption and power restoration [see 4.2.2f)];
- Increased the requirements for checking the display temperature of the electronic display when entering the market (see A.2);
- Modify the number of high-level reefer stacks (see 4.1.1.3,.1991 version 4.1.5.3);
- Modify the configuration requirements for mobile inspection and maintenance facilities (see 4.1.5.3,.1991 version 4.1.5.3);
- Removed the content with conversion plug (see version 4.1.3.5 of the.1991 edition);

1 Scope

GB/T 13145-2018 is the Chinese national standard on specification and management requirements of the stacking yard for refrigerated containers, in the field of packaging and distribution of goods. The /T suffix marks it as a recommended standard: it is not compulsory by itself, but it becomes binding as soon as a contract, a tender or a customer specification calls it up - which in practice is how most foreign buyers meet it. It was issued on 15 March 2018 by the General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China; Standardization Administration of China, and has been in force since 1 October 2018. Classification: ICS 55.180.10, CCS A85. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

This standard specifies the technical management requirements for mechanical refrigerated container yards. This standard applies to the special repositories for refrigerated containers set up by ports and transfer stations. Other types of refrigerated containers use. The yard specified in this standard is suitable for the storage of 1EEE, 1EE, 1AAA, 1AA, 1A, 1CC and 1C mechanical refrigerated containers, but Not suitable for mechanical refrigerated containers loaded with dangerous goods.

2 Normative references

The following documents are indispensable for the application of this document. For dated references, only dated versions apply to this article Pieces. For undated references, the latest version (including all amendments) applies to this document.

GB/T 7392 Series 1. Technical Requirements and Test Methods for Containers Thermal Containers

GB/T 11601 Container Inbound and Outbound Stations Checking Handover Requirements
JTS144-1-2010 Port Engineering Load Specification JTS165-2013 Overall Design
Specification for Seaport

3 Terms and definitions

The following terms and definitions apply to this document.

3.1 Plane standard container planerslotofstandardcontainer The area occupied by a 1CC container on the yard is 2438mm x 6058mm.

3.2 Central monitoring of remotemonitoring In a certain way, the operating conditions and the temperature of the refrigerating container refrigeration unit on the yard are displayed to

a concentration near the yard Locations are displayed in graphics, numbers, lights, sounds, and prints.

3.3 Freezer dedicated stacking yard for refrigerated containers There are more than 50 plane standard boxes, and the shape of the venues is regular. They are connected in one piece and have fixed power supply facilities. The conditions of the refrigerated container dedicated space.

3.4 Power stand power stand; power support A power outlet and local lighting equipment are installed for the related personnel to perform the operations of plugging in the power supply, as well as inspection, inspection, and maintenance of refrigerated containers. The special bracket for the box.