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

SB/T 10794.1-2012

Replacing SB 142-1984; SB 143-1984; SB 144-1984

**Commercial refrigerated cabinets. Part 1: Vocabulary
(English Translation)**

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Appendix A (informative) commercial refrigerator type the name of the series

Foreword

SB/T 10794 drafted in accordance with this part of GB/T 1.1-2009 given rules.

SB/T 10794 "commercial refrigerator" is divided into three parts.

--- Part 1. Terminology;

--- Part 2. Classification, requirements and test conditions;

--- Part 3. Drink refrigerated display case.

This part of SB/T 10794 Part 1.

This standard replaces SB 142 ~ 144-1984 "Freezer Type and basic parameters", "Freezer technical conditions", "Freezer Test side Law ", and referring to GB/T 21001" refrigerated showcase "technology principle been re-arranged to develop.

This section proposed by the People's Republic of China Ministry of Commerce.

This part of the National Standardization Technical Committee refrigeration freezer points Technical Committee.

This section is drafted. domestic trade Engineering Design Institute, Dalian Sanyo Cold Chain Co., Ltd. Hangzhou Kelly stainless steel kitchen equipment Limited, Huangshi Dongbei Refrigeration Co., Ltd., Guangdong Star Refrigeration Equipment Co., Ltd., Hangzhou Bank are catering Equipment Co., Ltd., Jiangsu Snow electrical Device Co., Ltd. Zhejiang shield the cold chain system, Hisense Rongsheng (Guangdong) Freezer Co., Ltd., Shandong Xiaoya Retail Equipment Co.

The company, Tianjin University of Commerce, Shanghai Polytechnic University, Jimei University, the National Commercial Refrigeration Equipment Quality Supervision and Inspection Center.

Introduction

With the improvement of people's quality of life, food preservation, food hygiene, food safety requirements more and more concern and attention by the public, business Freezer with a role in the food circulation markedly key. In recent years, production of commercial freezer has increased annually, and exported abroad. to this end, 2006 to 2007, the National Standardization Technical Committee refrigeration organized the drafting of GB/T 21001.1-2007 "Part 1 refrigerated showcase Min. The term ", GB/T 21001.2-2007" Refrigerated display cabinets - Part 2. Classification, requirements and test conditions. " GB/T 21001 "Refrigerated Showcase, "the first two parts of equivalent international standard ISO 23953-1:2005 and ISO 23953-2:2005; 2009 years to facilitate our Practical application of these products in the domestic unified evaluation criteria, the National Standardization Technical Committee refrigeration freezer Technical Committee formulated the GB/T 21001.3-2010 "refrigerated showcase - Part 3. test evaluation." They release products to fill our country commercial refrigerator Standard blank. However, this only provides a series of standard retail refrigerated display case requirements and test conditions, no other type of business Freezer specific provisions. Because other types of international technical standards for commercial freezers is in reference to the implementation of ISO 23953, to improve our Commercial refrigerator standards, the development of this series of standards special reference to GB/T 21001 "refrigerated showcase" (ISO 23953) The technical principles.

SB/T 10794 to regulate commercial refrigerator is important, and is conducive to the development of commercial freezer series, production, sale, use and management.

Commercial freezer

Part 1. Terminology

1 Scope

SB/T 10794 in the provisions of this part of the sale and storage of food for commercial freezer (hereinafter referred freezer) terms and definitions.

This section applies to the range of instruments covered as an example.

- Mainly used in refrigeration cabinets and refrigerator non-household use;
- Mainly used in refrigeration cabinets stores use;
- Refrigerator or freezer having a refrigeration compartment table;
- Mainly used in shops, hotels and restaurants and other places, with the non-retail commercial refrigerated display case, refrigerated drinks cabinet;
- Other special purpose freezer.

This section does not apply to.

- Retail refrigerated display case (GB/T 21001);
- Household refrigerators (GB/T 8059);
- Refrigeration vending machines;
- Rapid cooling machine (cabinet);
- Fast freezer (cabinet);
- Non-food freezer (eg thermostatic chamber, ultra-low temperature cabinets, medical freezers, blood freezer);
- Cold.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version suitable for use herein Member. For undated references, the latest edition (including any amendments) applies to this document.

GB/T 21001.1-2007 refrigerated display cabinets - Part 1. Terminology GB/T 21001.2 refrigerated display cabinets - Part 2. Classification, requirements and test conditions SB/T 10794.2 commercial refrigerator - Part 2. Classification, requirements and test conditions

3 Terms and Definitions

SB/T 10794.2, terms and definitions GB/T 21001.1-2007 and GB/T 21001.2 defined and the following terms and definitions Apply to this document.

3.1 Commercial refrigerator series (see Appendix A) and type

3.1.1

Freezer refrigerated cabinets with cabinet refrigeration system. It can be stored and (or) display refrigerated or frozen foods, and food storage temperature is maintained at a predetermined the temperature range.