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

GB/T 17343-2023

Replacing GB/T 17343-1998

Packing containers - Steel square pails

包装容器 金属方桶

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Foreword

This document is in accordance with the provisions of GB/T 1:1-2020 "Guidelines for Standardization Work Part 1: Structure and Drafting Rules for Standardization Documents" drafting: This document replaces GB/T 17343-1998 "Square Packaging Containers": Compared with GB/T 17343-1998, except for structural adjustments and In addition to editorial changes, the main technical changes are as follows:

- Changed the scope of application (see Chapter 1, Chapter 1 of the:1998 edition);
- Added classification methods (see 4:2, 4:3);
- Added specifications (see 5:1, 5:2);
- Added requirements for materials and accessories (see Chapter 6);
- Increased the requirements for appearance printing quality (see 7:1:2);
- Added hydraulic pressure test, drop test performance requirements and test methods for dangerous goods packaging square drums (see 7:4, 7:5, 8:4, 8:5);
- Increased coating adhesion requirements and test methods (see 7:8, 8:8);
- Changed the recommended storage period (see 10:4:2, 8:4:2 of the:1998 edition):

Please note that some contents of this document may refer to patents: The issuing agency of this document assumes no responsibility for identifying patents: This document is proposed and managed by the National Packaging Standardization Technical Committee (SAC/TC49): This document was drafted by: Guangzhou Institute of Quality Supervision and Testing, Hangzhou COFCO Meite Container Co., Ltd., Suzhou Huayuan Holdings Co., Ltd: Company, Guangdong Dadi Weiye Environmental Protection Packaging Technology Co., Ltd., Guangzhou Panyu Meite Packaging Co., Ltd., Guangdong Fuzhen Metal Packaging Co., Ltd: Company, Shenzhen Huate Container Co., Ltd., Zhuhai Yongrun Can Manufacturing Co., Ltd., Shantou Xinyi Can Manufacturing Equipment Co., Ltd., Zhejiang Eternal Commodity Co., Ltd., Guangdong Banggu Chemical Technology Co., Ltd.,

Zhongshan Nuobijia Optical Material Co., Ltd., Fujian Biaoxin Group (Zhangzhou) Can Co., Ltd., Luzhou Laojiao Co., Ltd., China Packaging Federation: The main drafters of this document: Li Zerong, Lu Ming, Zhu Zhengli, Ling Guangyao, Shen Junjie, Wu Jianxing, Zhang Wenshu, Wu Xiaochun, Huang Weigang, Dong Tao, He Anlin, Chen Huiyong, Wu Guofeng, Zhao Jiong, Lin Shirong, Yu Xinxin, Tao Yongsheng, Shi Jingjie, Li Baiming, Wang Zeyi, Zhou Yichao, Lin Wenchuan, Xue Meng, Teng Jun, Wang Ming, Gao Tianrong, Wang Haiyan, Wang Bo, Fan Ziwei: This document was first published in:1998, and this is the first revision: Packaging container metal square barrel

1 Scope

GB/T 17343-2023 is the Chinese national standard on packing containers - steel square pails, 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 23 May 2023 by the State Administration for Market Regulation; Standardization Administration of China, and has been in force since 23 May 2023. Classification: ICS 55.140, CCS A82. 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 document specifies the classification, specifications, dimensions, materials and accessories, requirements, test methods, inspection rules, Labeling, packaging, transportation and storage: This document is applicable to the manufacture, distribution, use and inspection of square drums with a volume not greater than 20L, made of thin steel plates as the main material:

2 Normative references

The contents of the following documents constitute the essential provisions of this document by normative reference in the text: Among them, dated references For documents, only the version corresponding to the date is applicable to this document; for undated reference documents, the latest version (including all amendments) is applicable to this document:

GB/T 2520 Cold-rolled tin-plated steel sheets and strips

GB/T 2828.1-2012 Counting sampling inspection procedure Part 1: Batch-by-batch inspection sampling retrieved by acceptance quality limit (AQL) plan GB/T 4122:

4 Packaging Terminology Part 4: Materials and Containers GB/T 4857:

3 Basic tests for packaging and transport packages - Part 3: Static load stacking test method GB/T 4857:

3 Terms and Definitions

The terms and definitions defined in GB/T 4122:4 apply to this document:

4 Categories

1 According to the appearance, it is divided into two categories, the cross-section of category 1 is square, and the cross-section of category 2 is rectangular, see Table 1:

5 Drop test method for packaging and transportation packages

GB 12463 General Technical Conditions for Transport Packaging of Dangerous Goods

GB/T 13251 Packaging Steel Drum Closures

GB/T 17344 Packaging container airtight test method

GB/T 18455 Packaging Recycling Mark QB/T 1877-2007 Tin (Chrome) Sheet Steel Printing for Packaging and Decoration