

ICS 65.040.20
CCS B20



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

GB/Z 37925-2019

**Technical requirements of warehousing operation for grain
containerized packages**

粮食集装箱化包装仓储作业技术要求

Issued on: August 30, 2019

Implemented on: August 30, 2019

**Issued by: State Administration for Market Regulation;
Standardization Administration of China**

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Foreword

This guidance technical document was drafted in accordance with the rules given in GB/T 1.1-2009. In order to adapt to the transformation of the domestic labor structure and the change of the fluid carrier of food logistics, the implementation of containerized transportation in the grain industry is a combination. The way. It is a forward-looking technical work to formulate the "Technical Requirements for Grain Container Packaging and Storage Operations". The work The development of China's grain storage and transportation technology provides innovative ideas and implementation basis. This guidance technical document is for reference only. For the recommendations and opinions on this guiding technical document, the Director of Standardization Administration of the State Council The department reflected. Please note that some of the contents of this document may involve patents. The issuing organization of this document is not responsible for identifying these patents. This guidance document is submitted by the National Food and Material Reserve Board. This guidance document is under the jurisdiction of the National Grain and Oil Standardization Technical Committee (SAC/TC270). This guiding technical document drafting unit. National Academy of Food and Material Reserve Science Research Institute, Hubei Material Distribution Technology Research Institute, Beijing Lifting Transportation Machinery Design and Research Institute, International Trade Engineering Design Institute. The main drafters of this guiding technical document. Zuo Xiaotong, Wang Feng, Xiao Jun, Zhang Weizhen, Yuan Yufen, Lu Daming. Technical requirements for grain containerized storage and storage operations

1 Scope

GB/Z 37925-2019 is the Chinese national standard on technical requirements of warehousing operation for grain containerized packages, in the field of agriculture. The /Z suffix marks it as a guiding technical document: it does not prescribe requirements that can

be certified against, but sets out the technique, the method or the state of the art that the standards bodies recommend following. It was issued on 30 August 2019 by the State Administration for Market Regulation; Standardization Administration of China. As a guiding technical document it carries no separate date of entry into force: it applies from publication. Classification: ICS 65.040.20, CCS B20. 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 guidance technical document stipulates the container unit equipment related to grain containerized storage and its stacking code requirements, basic requirements for warehouses, Warehousing operations and equipment requirements, work safety. This guidance technical document is applicable to the storage process of the relevant grain circulation and processing enterprises using the grain packaging packaging technology system. Kind of work process.

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 edition (including all amendments) applies to this document.

GB 146.1 standard gauge railway locomotive vehicle limit

GB/T 2934 Intermodal Universal Flat Pallet Main Dimensions and Tolerances

GB/T 5905 crane test specifications and procedures GB/T 10454 container bag

GB/T 14406 universal gantry crane

GB/T 16470 pallet unit load

GB/T 16471 transport package size and quality boundaries

GB/T 17109 grain sales packaging

GB 17440 Code for dust explosion protection of grain processing, storage and transportation systems

GB/T 17448 container bag transport packaging size series

GB/T 17910 industrial vehicle forklift fork inspection and repair in use

GB/T 18354 logistics terminology

GB/T 18453 Crane Maintenance Manual

GB/T 29890 Grain and Oil Storage Technical Specifications

3 Terms and definitions

The following terms and definitions as defined in GB/T 18354 and GB/T 16470 apply to this document. For ease of use, repeat the following Some terms and definitions in GB/T 18354 and GB/T 16470 are listed.

3.1 Container unit Standard-sized unit shipments that are handled or bundled with specialized equipment for easy loading, unloading, handling, storage, and transportation. [GB/T 18354-2006, definition 4.1] GBZ 37925-2019 GB /Z 37925-2019 (Technical requirements for grain containerized storage and storage operations) ICS

20 National Standardization Technical Document of the People's Republic of China
Technical requirements for grain containerized storage and storage operations
Technicalrequirementssoftwarehousingoperationforgraincontainerizedpackages Published
on.2019-08-30 2020-03-01 implementation State market supervision and administration
China National Standardization Administration issued