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

GB/T 10819-2025

Replacing GB/T 10819-2005

Wooden skid

木制底盘

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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 is required. This document replaces GB/T 10819-2005 "Wooden chassis". Compared with GB/T 10819-2005, except for structural adjustments and editorial changes, In addition to the dynamic, the main technical changes are as follows: --The scope of application of wooden chassis has been changed (see Chapter 1, Chapter 1 of the.2005 edition); -- Deleted the requirements for steel strips (see

4.2.4 of the.2005 edition); --Changed the requirements for the permissible degree of defects in wood (see 5.1.4,

4.1.4 of the.2005 edition); -- Changed the requirements for applicable steel nails (see 5.2.2,

4.2.2 of the.2005 edition); --Changed the requirements for bolts, nuts and washers (see 5.2.3,

4.2.3 of the.2005 edition); --Added requirements for applicable metal accessories (see 5.2.4,

4.2.5 of the.2005 edition); -- Deleted the test method (see Chapter 6 of the.2005 edition); --The method for determining component dimensions has been changed (see 6.1.2, 6.3.1, 5.1.2,

5.3.1 of the.2005 edition); -- Changed the requirements for the joint position of the skids (see 6.1.3,

5.1.3 of the.2005 edition); -- Increased the maximum mass of the contents of the chassis suitable for forklift loading and unloading, and increased the installation size requirements of the corresponding fork holes (see 6.2.2.3,

5.2.2.5 of the.2005 edition); -- Changed the requirements for the size of the end wood and

the size of the mounting bolts when the end wood is not used as a sleeper (see 6.3.1,.2005 Version 5.3.1); --Added the requirement for the maximum center distance between two adjacent sleepers (see 6.4.1); --The installation method of sleepers has been changed (see 6.4.5,

5.4.3 of the.2005 edition). Please note that some of the contents of this document may involve patents. The issuing organization of this document does not assume the responsibility for identifying patents. This document is proposed and coordinated by the National Technical Committee for Standardization of Packaging (SAC/TC 49). This document was drafted by: Beijing Institute of Automation of the Mechanical Industry Co., Ltd., Wuhu Hongfang Packaging Technology Co., Ltd., Wuxi Qiancheng Packaging Engineering Co., Ltd., Taiyuan Heavy Industry Co., Ltd., Dongguan Dongyou Packaging Materials Co., Ltd., China Packaging Research and Testing Center, Smart (Suzhou) Packaging Co., Ltd., Dongguan Brent Packaging Products Co., Ltd., Shanghai Hanchun Logistics Equipment Co., Ltd., Shandong Lile Packaging Co., Ltd., Qingdao Junsheng Mingshi Logistics Packaging Standardization Technology Research Institute Co., Ltd., China Machinery Science and Technology (Beijing) Vehicle Inspection Engineering Research Institute Co., Ltd., Inner Mongolia Electric Power (Group) Co., Ltd. Digital Research Company. The main drafters of this document are. Yang Qianjin, Fang Honglin, Zhou Dezhi, Huang Huijin, Jiang Guian, Xue Yingying, Li Chong, Lei Yong, Hao Jiaqing, Shi Falong, Wang Ningwei, Wang Yuxin, Wang Guixin, and Erdun. The previous versions of this document and the documents it replaces are as follows: --First published in 1989 as GB/T 10819-1989; --First revised in.2005 to GB/T 10819-2005; --This is the second revision. wooden chassis

1 Scope

GB/T 10819-2025 is the Chinese national standard on wooden skid, 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 30 June 2025 by the State Administration for Market Regulation; Standardization Administration of China, and has been in force since 1 January 2026. Classification: ICS 55.180.20, 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.

95 Flat Washers Grade C

2 Normative references

The contents of the following documents constitute the essential clauses of this document

through normative references in this document. For referenced documents without a date, only the version corresponding to that date applies to this document; for referenced documents without a date, the latest version (including all amendments) applies to This document. GB/T

GB/T 102 Hexagon head wood screws

GB/T 897 Double-ended studs $b_m=1d$

GB/T 953 Equal length studs Grade C

GB/T 5780 Hexagon head bolts Grade C

GB/T 5781 Hexagon head bolts with full thread, Grade C

GB/T 6170 Type 1 hexagonal nuts

GB/T 18926 Timber components for packaging containers

GB/T 18927 Metal accessories for packaging containers CB/T 3818 Rigging turnbuckles

3 Terms and Definitions

There are no terms or definitions that require definition in this document.

4 Structural type

4.1 The structural types of chassis are classified according to the loading and unloading methods during storage and transportation according to Table 1. Table

1 Chassis Type type Type A Type B Loading and unloading methods Use chassis for lifting or rollers, forklift loading and unloading, and transportation Lift the contents directly and use only the chassis for roller transport Selection basis It is not suitable to lift the contents directly Can directly lift the contents

4.2 The basic structure of the A-type chassis is shown in Figure 1.

4.3 The structure of the Type B chassis is the same as that of the Type A chassis except that the auxiliary skids are not installed. See A.2 of Appendix A.