ICS 13.110
CCS J 09

NATIONAL STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

GB/T 17889.7-2026

Ladders - Part 7: Ladders with a separate platform

梯子 第7部分：可分离式平台梯

Issued on: February 27, 2026 **Implemented on: September 1, 2026**

Issued by: State Administration for Market Regulation;
Standardization Administration of the PRC

Table of Contents

Foreword

This document complies with the provisions of GB/T 1.1-2020 "Standardization Work Guidelines Part

1.Structure and Drafting Rules of Standardization Documents". Drafting. This document is Part 7 of GB/T 17889 "Ladders". GB/T 17889 has already published the following parts.

1.Terminology, Types and Functional Dimensions;

2.Requirements, Testing, and Marking;

3.Usage Information;

4.Hinged Ladders;

5.Telescopic Ladders;

6.Movable Platform Ladder;

7.Detachable Platform Ladders Please note that some content in this document may involve patents. The issuing organization of this document assumes no responsibility for identifying patents. This document was proposed and is under the jurisdiction of the National Technical Committee on Standardization of Machinery Safety (SAC/TC208). This document was drafted by: Guangdong Wanyi Home Furnishings Co., Ltd., Sichuan Kundun Ji'an Technology Co., Ltd., and Zhejiang Aopeng Industry & Trade Co., Ltd. Company, Ningbo Weicheng Technology Co., Ltd., Shanghai Ruiju Metal Products Co., Ltd., Suzhou Laien Precision Alloy Co., Ltd., Nanjing Lin University of Technology, Suzhou Zhongchuang Aluminum Co., Ltd., Jilin Provincial Academy of Safety Science and Technology, Tianjin Jinmao Group Co., Ltd., and Voyah Automobile Technology Co., Ltd. Technology Co., Ltd., Nantong Wells Machinery Technology Co., Ltd., Shenyang Yongpan Metal Products Co., Ltd., China Machinery Research Institute (Beijing) Limited Liability Company, Ningbo Xingfu Tools Co., Ltd., Tesla (Shanghai) Co., Ltd., Nanjing University of Science and Technology, LEGO Toys Manufacturing (Jiaxing) Co., Ltd. Company, Guangdong University of Technology and Teacher Education, Beijing Guohong Hexin Technology Industry Development Center, Shenzhen Pale Display Technology Co., Ltd., Nan'an Zhongji Standard Chemical Research Institute Co., Ltd. The main drafters of this document are. Yang Yi, Qin Peijun, Dong Kaibo, Yu Bo, Cai Baorong, Zhang Xiuzhuo, Zhao Maocheng, Zhou Xiaoying, Wang Yongsheng, and Li Jie. Chen Guoliang, Shi Chuanming, Chen Mingzhen, Liu Zhiyong, Liu Zhilong, Zhou Cheng, Zhou Chaoliang, Tao Junfu, Wang Xinhua, Chen Yaohong, Zheng Huating, Zhu Bin, Wang Feng Chen Miaoren, Ju Ronghua, Xiong Yuping, Dai Wenjie, Zhang Xiaofei, Zhang Qun, Ju Likai, Cai Qiang, Bao Minghua, Yan Lujun.

Ladders are a commonly used safety device for climbing. GB/T 17889 aims to improve the quality and safety level of ladder-related products and ensure safety. User safety consists of 7 parts.

1.Terminology, Types, and Functional Dimensions. The aim is to harmonize ladder-related standards and provide commonly used terminology, types, and functional dimensions for ladders. The formula, as well as the functional dimensions that affect the quality and safety level of the ladder, are required for design and testing.

2.Requirements, Tests, and Markings. The purpose is to ensure the safety level of ladders and to address factors affecting the quality and safety level of ladders. The regulations

specify the requirements and provide corresponding test methods.

3.Usage Information. The purpose is to ensure that users can use the ladder correctly according to the markings and instruction manual. The labeling that serves as a warning during the use of the product, as well as the information and wording requirements that need to be provided in the instruction manual.

4.Hinged Ladders. The purpose is to ensure the quality and safety of hinged ladders, specifying special requirements for them.

1 Scope

GB/T 17889.7-2026 is the Chinese national standard covering the ladder with a detachable working platform - the type that lets someone stand and work with both hands instead of holding on, and whose stability, platform strength, guard rails and locking are what stop it becoming a fall. Part 7 of the ladder series, first edition of this part. It was issued on 27 February 2026 and has been in force since 1 September 2026, as a first edition. The document is under the responsibility of the Standardization Administration of China. This page is published from the official record of the 2026 edition; the clause text of a standard this recent is not yet in circulation, and the figures, limits and tables it contains are those of the document itself, delivered in full with the English translation.

This document specifies the structural dimensions, technical requirements, and usage information for separable platform ladders, and describes the test methods. This document applies to detachable platforms with a maximum height not exceeding 1m and a maximum total load capacity not exceeding 150kg. The design, production, and use of treadmill stairs.

Note. The maximum load capacity includes the user's weight and the total mass of the tools, equipment, and materials they carry.

2 Normative references

The contents of the following documents, through normative references within the text, constitute essential provisions of this document. Dated citations are not included. For references to documents, only the version corresponding to that date applies to this document; for undated references, the latest version (including all amendments) applies. This document.

GB/T 17889.1 Ladders - Part

3 Terms and Definitions

The terms and definitions defined in GB/T 17889.1 and the following terms and definitions apply to this document.

3.1 Separable platform A flat component designed for users to stand while working and

easy to assemble and disassemble.

Note. See Figure 1 for an example of a detachable platform.

3.2 A ladder consisting of at least two flights and a separable platform (3.1).

Note. See Figure 1 for an example of a detachable platform ladder.

3.3 crossbar A horizontal component that connects the two parts of the separable platform ladder (3.2).

Note. See Figure 1 for an example of a crossbar.

3 The vertical distance from the reference plane to the standing surface when the detachable platform (3.1) is at its highest position allowed by the design.

Note. The maximum height of the platform is shown in Figure 1.

4 Hinged Ladders

GB/T 17889.5 Ladders - Part