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

GB/T 25849-2024

Replacing GB/T 25849-2010

**Mobile elevating work platforms - Design, calculations, safety
requirements and test methods
(English Translation)**

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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 25849-2010 "Design calculation, safety requirements and test methods for mobile lifting work platforms" and Compared with GB/T 25849-2010, in addition to structural adjustments and editorial changes, the main technical changes are as follows.

- Changed the scope (see Chapter 1, Chapter 1 of the 2010 edition);
- Changed the terms and definitions (see Chapter 3, Chapter 3 of the 2010 edition);
- Increased the minimum rated load to 120kg (see 4.2.1);
- Added dynamic stability requirements (see 4.2.3.6);
- Added the influence of stress concentration and ambient temperature (see 4.2.4.2.4);
- Changed the requirements for chassis inclination (see 4.3.2, 5.3.2 of the 2010 edition);
- Changed the requirements for the outrigger plate of the outrigger stabilizer (see 4.3.6, 5.3.6 of the 2010 edition);
- Added requirements for locking or control systems of floating bridges (see 4.3.14);
- Deleted the relevant requirements for protective devices for personnel in the operating position (see 5.3.18 of the 2010 edition);
- Changed the requirements for derailment and prevention of derailment (see 4.3.23, 5.3.23 of the 2010 edition);
- Deleted the requirements for tilted masts (see 5.4.3 of the 2010 edition);
- Changed the requirements for rolling in and shearing (see 4.4.3, 5.4.4 of the 2010