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

GB/T 30032.1-2015

**Mobile elevating work platforms -- Design, calculations, safety
requirements and test methods relative to special features --
Part 1: MEWPs with retractable guardrail systems**

移动式升降工作平台 带有特殊部件的设计、计算、安全要求和试验方法 第1部分
： 装有伸缩式护栏系统的移动式升降工作平台

(English Translation)

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Foreword

GB/T 30032 "mobile elevating work platforms are designed with special parts, calculations, safety requirements and test methods" is divided into three section.

--- Part 1. Mobile elevating work platforms equipped with retractable guardrail systems;

--- Part 2. equipped with a non-conductive mobile elevating work platforms (insulating) components;

--- Part 3. orchard operations for mobile elevating work platforms.

This section GB/T Part of 130,032.

This section drafted in accordance with GB/T 1.1-2009 given rules.

This part redrafted Law Amendment uses ISO 16653-1:2008 "mobile elevating work platforms are designed with special components, Calculations, safety requirements and test methods - Part 1. equipped with telescopic guardrail system for mobile elevating work platforms. " this part of ISO 16653-1:2008 technical differences and the reasons are as follows.

--- GB 25849-2010 "Mobile elevating work platform design calculations, safety requirements and test methods" to modify using the international standard Quasi ISO 16368:2003, this part of the normative references revised to GB 25849-2010;

--- This section increases the anchoring points on the requirements in 4.1.3, "anchor points" in;

--- This section 4.1.2.5 to "fence stretching process, the machine can not be exercised.";

--- Because elevating work platform models are more reference units for ease of use, it increases the informative Appendix A;

--- 4.1.1 add "NOTE. MEWP telescopic guardrail system example shown in Figure A.1.";

--- 5.1 Add "NOTE. Type 2 and Type 3 See GB 25849.";

--- Delete ISO 16653-1:2008 has nothing to do with this part of footnote 1).

For ease of use, this part of ISO 16653-1:2008 made the following editorial changes.

--- ISO 16653-1:2008 "this International Standard" by "this section";

--- Delete ISO 16653-1:2008 Foreword and Introduction The increase preface this section.

This part is proposed by China Machinery Industry Federation.

This part of the National Standardization Technical Committee elevating work platform (SAC/TC335) centralized.

This section is drafted. Beijing Institute of Architectural mechanization, Terex (Changzhou) Machinery Co., Ltd., Zhejiang full mechanical limited shares the company, Hangzhou Aichi Engineering Vehicles Co., Ltd., Beijing Science and Technology Co., Ltd. CIB Machinery, XCMG Xuzhou Construction Machinery Research Institute, Jieer Jie (Tianjin) Co., Ltd. Shanghai Branch.

1 Scope

GB/T 30032 in the provisions of this part of guardrail systems equipped mobile elevating work platform (hereinafter referred to as MEWP) to secure begging. This section GB 25849 and supporting the use of.

This section applies to a particular need to go MEWP work area via a special channel. Such MEWP may be self-propelled or human drive Acting, in their daily work for staff to enhance their can be placed, installation or maintenance position items or materials. In order to facilitate the operator to enter the work for the region, a portion of guardrail systems MEWP working platforms, telescopic design.

This section does not apply to the power used for sorting and stacking items driven industrial trucks.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version suitable for use herein Member. For undated references, the latest edition (including any amendments) applies to this document.

GB 25849 Mobile elevating work platform design calculations, safety requirements and test methods (GB 25849-2010, ISO 16368.

2003, MOD)

3 Danger List

Dangerous by the risk assessment procedures identified in Table 1 below. GB 25849 and dangerous range specified in Table 1 apply to this section.

Table 1 Danger List

Terms danger in this section corresponding/sub-clause 1 person falling from the platform 4

1.1 Personal protection equipment 4.1.1 1.2 guardrail system 4.1.2 1.3 6.1 Safety information -MEWP logo

1.4 Safety Information - operator's manual 6.2 2 objects falling from the platform 4.2

3 Working speed 5.1, 5.2 4 safety device missing or improperly installed 4.1.2

5 Fence retracted state with 4.1.2.5