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GB/T 9465-2008

Replace GB/T 9465.1~9465.3-1988

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**Vehicle-mounted mobile elevating work  
platform  
高空作业车**

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## Foreword

This Standard will replace GB/T 9465.1-1988 *Aerial platform—Classification*, GB/T 9465.2-1988 *Aerial platform—Specification* and GB/T 9465.3-1988 *Test methods for aerial platform*.

Comparison with GB/T 9465.1~9465.3, main changes of this Standard as follows:

- Changed the maximum working height as 100m and proposed the scope of inapplicability product;
- Added rated load series 2000kg, 3000kg, 4000kg and 5000kg;
- Added the marking of insulation type vehicle-mounted mobile elevating work platform;
- Added the working condition of vehicle-mounted mobile elevating work platform;
- Safety factor of structural, lifting speed of platform and rotating speed refers to the requirements of ISO 16368: 2003;
- Added the leveling system requirements for vehicle-mounted mobile elevating work platform;
- Added the test methods for insulating properties.

This Standard is proposed by China Machinery Industry Federation.

This Standard is under jurisdiction of the Beijing Academy (Institute) of Building Mechanization of China Academy of Building Research.

The main drafting units of this Standard include Beijing Academy (Institute) of Building Mechanization of China Academy of Building Research, Hangzhou Aichi Engineering Vehicles Co., Ltd, Hangzhou Sivge Aerial Work Machinery Co., Ltd, Xuzhou Handler Special Vehicle Co., Ltd and Beijing Jingcheng Heavy Industry Co., Ltd.

The major drafters of this Standard include Zhang Hua, Chen Jijun, Chen Jianping, Zhang Xiuwei, Bai Ri, Zhang Haiyun and Zhang Meijia.

This standard replaces the following historical editions issued:

- GB/T 9465.1-1988, GB/T 9465.2-1988, GB/T 9465.3-1988.

# Vehicle-mounted mobile elevating work platform

## 1. Scope

This Standard specifies the terms and definitions of vehicle-mounted mobile elevating work platform, as well as classification, technical requirements, test methods, inspection rules, marking, packaging, transportation and storage, etc.

This Standard is applicable to vehicle-mounted mobile elevating work platform which maximum working height not exceeds 100m (hereinafter as working vehicle).

This Standard is not applicable to aerial fire vehicle and aerial rescue vehicle.

## 2. Normative References

Articles contained in the following documents have become articles of this Standard after they are quoted. For the dated documents so quoted, all their modifications made thereafter (excluding corrections) or revised versions shall not be applicable to this Standard, but all parties who have reached agreements on the basis of this Standard are encouraged to study on the implementation of the latest versions of these document. For the undated documents so quoted, their latest versions shall be applicable to this Standard.

- GB/T 507 Insulating liquids--Determination of the breakdown voltage at power frequency
- GB 1589 Limits of dimensions, axle load and masses for road vehicles
- GB/T 3766 Hydraulic fluid power--General rules relating to systems (GB/T 3766-2001, eqv ISO 4413: 1998)
- GB 7258 Safety specifications for power-driven vehicles operating on roads
- GB/T 7935 Hydraulic fluid power—General requirements for hydraulic components
- GB/T 9969.1 General principles for preparation of instructions for use of industrial products
- GB/T 12534 Motor vehicles—General rules of road test method
- GB/T 16927.1 High voltage test techniques—Part 1: General test requirements (GB/T 16927.1-1997, eqv IEC 60060-1: 1989)
- JG/T 5011.1 Construction machinery and equipment General specification for casting of cast steel
- JG/T 5011.4 Construction machinery and equipment General specification for casting gray cast iron
- JG/T 5011.12 Construction machinery and equipment General specification for paints
- JG/T 5035 Solid contamination cleanliness classes for fluids in construction machinery and equipment
- JG/T 5066 Determination of solid particulate contaminant in fluids by the gravimetric method
- JG/T 5079.1 Construction machinery and equipment—Noise limits
- JG/T 5082.1 Construction machinery and equipment—General specification of welding
- JB 8716 Safety specifications of crane trucks and crane tires
- QC/T 459 Truck with loading crane
- QC/T 252 Special Purpose Vehicle type test procedures

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