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

中华人民共和国机械行业标准

JB/T 8816-1998

**Construction machinery—Drive axle—Technical
specifications**

工程机械 驱动桥技术条件

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Foreword

This Standard is a revision to ZB J83 014-89 *Construction machinery-Drive axle-Technical specifications* Detection of key items that ensure the quality of drive axle is added into this Standard, and appropriate adjustment is made to the inspection items (or indexes) and the test method for overall performance. And strengthen the coordination and integration with other relevant industry standards, to make this Standard more perfect and practical.

Annex A and B are a Suggestive Annex.

This Standard will replace ZB J83 014-89 from the implementation date.

This Standard is proposed and centralized by the Construction Machinery Technical Committee for Standardization of Ministry of Machine-building Industry.

This Standard is drafted by: Ministry of Machine-building Industry Tianjin Institute of Engineering Machinery.

The main drafters of this Standard are: Chen Fenglan, Zhang Rongxin, and Gao Mingfa.

The Machinery Industrial Standard of the People's Republic of China
Construction machinery-Drive axle-Technical specifications

JB/T 8816-1998

Replace ZB J83 014-89

1 Scope

Technical requirements, test methods, inspection rules, marking, packaging, transportation, storage and quality guarantee period, etc. of engineering machinery drive axle are provided in this Standard.

This Standard applies to general drive axle and steering drive axle of wheel type construction machinery (steering knuckle and bearing parts excluded) (hereafter referred to as the drive axle).

2 Normative References

The articles contained in the following documents have become this standard when they are quoted herein. For the dated documents so quoted, all the modifications or revisions made thereafter shall not be applicable to this Standard. For the undated documents so quoted, the latest editions shall be applicable to this Standard.

GB/T 1182-1996 Geometrical tolerancing-Generalities, definitions, symbols, indications on drawings

GB/T 1184-1996 Geometrical tolerancing-Geometrical tolerances for features without individual tolerance indications

GB 2828-87 Sampling procedures and tables for lot-by-lot inspection by attributes (Apply to inspection of successive lots or batches)

GB 2829-87 Sampling procedures and tables for periodic inspection by attributes (Apply to inspection of stability for productive process)

GB/T 3478.1-1995 Straight cylindrical involute splines-Modules, basic rack profiles and tolerances

GB 10095-88 Accuracy of involute cylindrical gears

GB 11365-89 Accuracy of bevel and hypoid gears

GB/T 13306-91 Plates

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