

ICS 53.100

P 97



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

**中华人民共和国国家标准**

GB/T 25627-2010

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**Construction machinery-Power-shift  
transmissions**

**工程机械 动力换挡变速器**

**Issued on December 1, 2010**

**Implemented on March 1, 2011**

**Issued by** General Administration of Quality Supervision, Inspection  
and Quarantine of the People's Republic of China

Standardization Administration of the People's Republic of  
China

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## **Foreword**

Annex A and Annex C of this standard is informative annex, Annex B is normative annex.

This standard is proposed by China Machinery Industry Federation.

This standard is under the jurisdiction of National Technical Committee (SAC/TC 334) on Earthmoving Machine of Standardization Administration of China.

The responsible drafting organizations are Hangzhou Advance Gearbox Group Co., Ltd and Tianjin Research Institute of Construction Machinery.

The participation drafting organization is Sichuan Chengdu Chenggong Construction Machinery Co., Ltd.

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# Construction machinery-Power-shift transmissions

## 1 Scope

This Standard stipulates the symbols, units, requirements, test methods, inspection rules, marking, packaging, transportation and storage of the construction machinery-power-shift transmissions.

This Standard is applicable to the construction machinery-power-shift transmissions of 300kW or less (hereinafter referred to as transmissions). The transmissions above 300kW may refer to this Standard.

## 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 (excluding corrections) 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 2828.1-2003 Sampling procedures for inspection by attributea-Part1: Sampling schemes indexed by acceptance quality limit(AQL) for lot-by-lot inspection (ISO 2859.1: 1999, IDT)

GB/T 3785 Electric, sonic properties and measuring methods for sound level meters

GB/T 7680 Torque converters--Methods of performance tests

GB/T 13306 Plates

GB/T 14039 Hydraulic fluid power--Fluids--Method for coding the level of contamination by solid particles

GB/T 20082 Hydralic fluid power-Fluid contamination-Determination of particulate contamination by the counting method using an optical microscope

JB/T 5947 Engineering machinery—Specification for packaging

## 3 Symbols and units

See Table 1 for the testing parameters of the transmissions and the names, symbols and units of the calculation parameters.

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