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

GB/T 32806-2016

**Earth-moving machinery - Remanufacture of components -
General technical specification**

土方机械 零部件再制造 通用技术规范

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Quarantine;
Standardization Administration of the PRC**

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Foreword

This standard is drafted in accordance with the rules given in GB/T 1.1-2009. This standard is proposed by the China Machinery Industry Federation. This standard is under the jurisdiction of the National Technical Committee for Standardization of Earthmoving Machinery (SAC/TC334). This standard is responsible for drafting units. Tianjin Engineering Machinery Research Institute, Xugong Group Construction Machinery Co., Ltd., Shandong Lingong Construction Machinery Co., Ltd., Henan Hongyuan Wheel Co., Ltd., Xiamen Xiamen Engineering Machinery Co., Ltd., Anhui Bo a Fluid Transmission Co., Ltd., Xiamen City of rattan Engineering Machinery Co., Ltd. This standard participates in the drafting unit. National Engineering Machinery Quality Supervision and Inspection Center, Caterpillar Remanufacturing Industry (Shanghai) Co., Ltd. Bo Guangtian Saikesi Hydraulic Co., Ltd., Shaanxi Tongli Heavy Industry Co., Ltd., Hangzhou Zongxing Gear Co., Ltd. The main drafters of this standard. Shang Haibo, Wu Jianqiang, Zhang Huating, Chen Hanjie, Li Weiping, Min Yuchun, Zhang Jianping, Li Jun, Song Feng, Yao Guangshan, Chen Jianbo, Li Guangqing, Han Yili. General technical specification for remanufacturing of earthwork parts and components

1 Scope

China's national general technical specification for the remanufacturing of earth-moving machinery components. It specifies the general requirements and the general technical requirements for remanufacturing, and it applies to the remanufacturing of earth-moving machinery parts and components. This is the umbrella document of the series: the individual standards cover classification, disassembly, cleaning, assembly and factory acceptance, and this one sets the framework they sit in and the requirements that apply to all of them. Its usefulness is in establishing what remanufacturing is required to achieve rather than how any individual operation is done. A remanufactured component must perform at least as well as a new one - that is the claim the industry makes and the claim on which its whole market depends, since a remanufactured part is sold into the same

application as a new one, at a lower price, and a purchaser who suspects it is merely a repair will pay the repair price for it. Sustaining that claim requires a process that is controlled end to end, not a set of good intentions applied part by part: the core has to be assessed before work begins, the reclamation methods have to be qualified, the assembly has to be done under new-product conditions, and the finished component has to be accepted against a written criterion. The standard also covers the quality management and the traceability that hold that chain together, and it references the other members of the series for each stage. Issued on 29 August 2016 and in force since 1 March 2017.

This standard specifies the general requirements and general technical requirements for remanufacturing of earthmoving machinery parts. This standard applies to earthmoving machinery parts and components remanufacturing.

2 Normative reference documents

The following documents are indispensable for the application of this document. For dated references, only the dated edition applies to this article. For undated references, the latest edition (including all modifications) applies to this document.

GB/T 28619 Termination Terminology

GB/T 32801 earthwork machinery remanufacturing parts assembly technical specifications

GB/T 32802 earthwork machinery remanufacturing parts factory acceptance technical specifications
Technical specification for remanufacturing classification of earthwork parts and components
GB/T Technical code for remanufacturing and dismantling of earthwork parts and components
GB/T Technical code for remanufacturing cleaning of earthwork parts and components
GB/T Classification and marking of recyclability of earthmoving machinery parts
GB/T

3 Terms and definitions

GB/T 28619 The terms and definitions defined apply to this document.

4 General requirements

4.1 earthmoving machinery parts and components manufacturing should be consistent with the relevant state resources, environmental laws and regulations and the relevant national standards.

4.2 The performance of earthmoving machinery remanufacturing parts (hereinafter referred to as remanufacturing parts) should not be lower than those of the quality, safety and environmental protection Prototype of new standards related to the requirements.

4.3 Refer to Appendix A for the process of remanufacturing of earthmoving machinery parts.

4.4 Remanufacturing parts should be remanufactured design, and according to the program for remanufacturing processing.

4.5 re-manufacturing parts factory should be based on the requirements of the new prototype through the performance test.

4.6 Remanufacturing parts shall be marked for remanufacturing, and the marking shall comply with the provisions of GB/T 32819.

4.7 Remanufactured parts should be shipped with product quality certificate, packing list, if necessary, with the use of maintenance instructions, spare parts list And other related documents.

5 General technical requirements

5.1 Recycling inspection Recycled earthmoving machinery parts or products should be initially tested to determine the reproducibility of parts.