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**Earth-moving machinery - Remanufactured components -
Technical specification for factory acceptance**

土方机械 再制造零部件 出厂验收技术规范

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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). The standard responsible for the drafting unit. Tianjin Engineering Machinery Research Institute, Xugong Group Construction Machinery Co., Ltd., Henan Hongyuan wheel shares Co., Ltd., Xiamen Xiamen Engineering Machinery Co., Ltd., Zoomlion Co., Ltd., Xiamen Xiamen gold 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. The main drafters of this standard. Shang Haibo, Wang Xinmei, Chen Hanjie, Li Weiping, Yang Xichuan, Shen Guangwei, Xi Xuebin, Song Feng, Yao Guangshan, Edge strong, Li Guangqing, Zeng Qingcong, Liu Taiping. Earthmoving machinery remanufacturing parts Factory acceptance technical specification

1 Scope

China's national standard for the factory acceptance of remanufactured earth-moving machinery components. It specifies the acceptance requirements applied before a remanufactured part leaves the works, and it applies to that acceptance. Factory acceptance is the point at which a remanufactured component stops being a repaired old part and becomes a product, and it is the reason the whole remanufacturing series was written. A purchaser buying a remanufactured final drive or hydraulic pump is buying something whose history they cannot see: the housing may have run for twenty thousand hours, the shaft may have been built up and reground, and none of that is visible from outside. What the purchaser can rely on is the acceptance the remanufacturer performed

and documented before shipping, which is why this standard sets out what that acceptance must include rather than leaving it to each works. Every remanufactured part is to be inspected before it goes out, and the inspection covers at least the appearance, the identification and marking, and the accompanying factory documents, alongside the performance checks appropriate to the component. Marking matters more here than in new manufacture, because a remanufactured part must be identifiable as such throughout its second life and traceable back to the works that restored it. The standard draws its terminology from GB/T 28619, its handling and delivery marks from GB/T 191 and GB/T 6388, and its packaging requirements from JB/T 5947 for construction machinery. Issued on 29 August 2016 and in force since 1 March 2017.

This standard specifies the factory acceptance requirements for earthwork remanufacturing parts. This standard applies to the factory acceptance of earthmoving machinery remanufacturing parts.

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 Pieces. For undated references, the latest edition (including all modifications) applies to this document.

GB/T 191 packaging and storage icon

GB/T 6388 shipping package collection and delivery mark

GB/T 28619 Termination Terminology Classification and marking of recyclability of earthmoving machinery parts GB/T General technical requirements for

JB/T 5947 engineering machinery packaging

3 Terms and definitions

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

4.1 General requirements

4.1.1 remanufacturing parts should be factory inspection, inspection before passing the factory.

4.1.2 Remanufacturing parts shall include at least acceptance of appearance, identification of acceptance, acceptance of factory documents and acceptance of packaging.

4.1.3 According to the characteristics of remanufacturing parts to determine the inspection and sampling methods.

4.2 Performance acceptance

4.2.1 The technical performance index and safety quality index of remanufacturing parts shall conform to the relevant standard requirements of the prototype new product.

According to the remanufacturing zero Parts of the characteristics, can increase the performance indicators and safety and quality indicators requirements.

4.2.2 Remanufacturing parts factory inspection shall be in accordance with the relevant provisions of the prototype new product.

4.3 Appearance acceptance

4.3.1 Remanufacturing parts The outer surface should be cleaned, and the joint surface and sealing surface of the assembly shall not be leaking.

4.3.2 Remanufactured parts exposed surface should take protective measures.

4.3.3 remanufacturing parts surface quality should meet the relevant requirements of the prototype new products.