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

CJ/T 507-2016

Replacing CJ/T 3043-1995

Peripheral drive thickener for gravity sludge thickening tank

重力式污泥浓缩池周边传动浓缩机

(English Translation)

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Foreword

This standard was drafted in accordance with the rules given in GB/T 1.1-2009.

This standard is CJ/T 3043-1995 "gravity sludge thickening tank around the drive scraper" amendment, and CJ/T 3043-1995 Compared with the main technical changes are as follows.

- Added terms and definitions (see Chapter 3);
- Increased thickener type and schematic (see 4.1);
- Increase the thickener model (see 4.2);
- Modify the thickener basic parameters (see 4.3.1 Table 1, 1995 edition of 3.2 Table 1);
- Deleted the main size of sludge thickener table, an increase of the size of thickened pool deviation and the contents of embedded parts (see Appendix A, 1995 Version 3.3.2 Table 2);
- Increased the requirements of the center rotary support (see 5.3);
- Increase the requirements of the draft tube (see 5.8);
- Modify the safety requirements (see 5.9, 1995 version 5.7);
- Modify the coating requirements (see 5.10, 1995 version 5.5);
- Modify the machine performance requirements (see 5.11, 1995 version 5.2);
- Modify the test methods and inspection rules (see Chapter 6, Chapter 7, 1995 edition Chapter 6);
- Revised marking, packaging, transport and storage (see Chapter 8, Chapter 7 of the 1995 edition);
- Increased rail and bearing installation requirements, modify the requirements of the track

(see Appendix B, 1995 version 5.4).

This standard proposed by the Ministry of Housing and Urban Standard and Design Institute.

This standard by the Ministry of Housing and Urban Water Supply and Drainage Municipal Standardization Technical Committee centralized.

This standard was drafted. China Municipal Engineering North Design and Research Institute Co., Ltd., Nantong Huaxin Environmental Protection Equipment Engineering Co., Ltd., none Tin City General Machinery Co., Ltd., Jiangsu rainy days Environmental Protection Group Co., Ltd., Anhui Guo Zhen environmental protection and energy conservation technology Co., Ltd., Jiangsu trillion Sheng Environmental Protection Co., Ltd., Blue Deep Group Co., Ltd., Golden Sword Environmental Protection Co., Ltd., Zhejiang Lianchi Water Equipment Co., Ltd., Zhejiang Germany an Technology Co., Ltd., Fujian Province Xin Diamond Construction Engineering Co., Ltd., Jiangsu Province, Wuhuan Water Engineering Co., Ltd..

1 Scope

This standard specifies the terms and definitions, type, model and type of transmission concentrator around the gravity sludge thickening tank (hereinafter referred to as "thickener") Basic parameters, requirements, test methods, inspection rules, marking, packaging, transportation and storage.

This standard applies to the manufacture and testing of thickeners in sewage treatment works.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version applies to this article Pieces. For undated references, the latest edition (including all amendments) applies to this document.

GB/T 191 Packaging - Pictorial signs (GB/T 191-2008, ISO 780.:1997, MOD) GB 755 Rotating electrical machinery quota and performance (GB 755-2008, IEC 60034-1.:2004, IDT) GB/T 3768 Acoustics sound pressure method for the determination of noise source sound power level above the reflective surface using envelope measurement of surface simple method (GB/T 3768-1996, eqvISO 3746.:1995) GB/T 3797 electrical control equipment GB 4208-2008 enclosure protection (IP code) (GB 4208-2008, IEC 60529.:2001, IDT) GB/T 4942.1-2006 Rotating electrical protection of the overall structure of the structure (IP code) - Classification (GB/T 4942.1-2006, IEC 60034-5.:2000, IDT) GB 5226.1 mechanical and electrical safety mechanical and electrical equipment - Part 1. General technical conditions (GB 5226.1-2008, IEC 60204-1.:2005, IDT) GB/T 8923.1 pre-painted steel surface treatment of steel visual assessment of surface cleanliness - Part

1. Uncoated steel Corrosion level and treatment grade of steel surface after the original coating is completely and completely removed (GB/T 8923.1-2011, ISO 8501-1.

2007, IDT)

GB/T 13306 signs

GB/T 13384 mechanical and electrical product packaging General technical conditions GB 18613-2012 small and medium-sized three-phase asynchronous motor efficiency limits and energy efficiency rating GB 50017 steel structure design specifications Code for acceptance of construction quality of steel structure engineering GB 50205-2001 Conductive slip ring for HB6217 platform JB/T 2300 slewing ring JB/T 2839 motor brush holder and collector ring JB/T 5000.12 General specifications for heavy machinery - Part 12. Painting SJ20893 Specification for pickling and passivation of stainless steel

3 Terms and definitions

The following terms and definitions apply to this document.