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INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

CJ/T 294-2008

Replacing CJ/T 294-2008

Rotating disc aerator

转碟曝气机

(English Translation)

Issued on: March 20, 2018 **Implemented on: November 1, 2018**

Issued by: Ministry of Housing and Urban-Rural Development of the People's Republic of China

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Foreword

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

This standard replaces CJ/T 294-2008 "Disc Aerator". Compared with CJ/T 294-2008, the main technical changes are as follows.

---Modified terms and definitions (see Chapter 3, Chapter 3 of the 2008 edition);

--- Modified the model preparation of the rotary disc aerator (see 4.2, 5.2 of the 2008 edition);

--- Modified the basic parameters of the rotary disc aerator (see Table 1, Table 1 of the 2008 edition);

---Modified the main components of the requirements (see Chapter 6, Chapter 6 of the 2008 edition);

---Modified test methods and inspection rules (see Chapter 7, Chapter 8, Chapters 7 and 8 of the 2008 edition);

--- Added a table of inspection rules (see Table 2);

--- Increased the content of marking, packaging, transportation and storage (see Chapter 9).

This standard was proposed by the Institute of Standardization of the Ministry of Housing and Urban-Rural Development.

This standard is under the jurisdiction of the Municipal Water Supply and Drainage Standardization Technical Committee of the Ministry of Housing and Urban-Rural Development.

This standard was drafted. China Municipal Engineering North China Design and Research Institute Co., Ltd., Jiangsu Tianyu Environmental Protection Group Co., Ltd., Anhui State ?Environmental Protection and Energy Technology Co., Ltd., Gome (Tianjin) Water Technology Engineering Co., Ltd., Jinshan Environmental Protection Group Co., Ltd., Jiangsu Dongchenghuan Bao Co., Ltd., Henan Urban and Rural Planning and Design

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Research Institute Co., Ltd., Zhejiang Dean Technology Co., Ltd., Jiangsu Province, Wuhuan Water Worker Cheng Co., Ltd.

1 Scope

This standard specifies the terms and definitions, types, models and basic parameters of the rotary disc aerator (hereinafter referred to as "aerator").

Requirements, test methods, inspection rules, marking, packaging, transportation and storage.

This standard is applicable to the manufacture and inspection of oxidation ditch disc aerators in sewage treatment projects.

2 Normative references

The following documents are indispensable for the application of this document. For dated references, only dated versions apply to this article.

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

GB/T 191 packaging storage and transportation pictorial signs (GB/T 191-2008, ISO 780:1997, MOD) GB/T 288 rolling bearing spherical roller bearing dimensions GB/T 755 Rotating Electric Machine Quota and Performance (GB/T 755-2008, IEC 60034-1:2004, IDT) GB/T 3087 seamless steel pipe for low and medium pressure boilers (GB/T 3087-2008, ISO 9329-1. 1989, NEQ) GB/T 3768 Acoustic sound pressure method for the determination of noise source sound power level (GB/T 3768-1996, eqvISO 3746..1995) GB/T 3797 electrical control equipment GB/T 4208 enclosure protection grade (IP code) (GB/T 4208-2017, IEC 60529:2001, IDT) GB/T 4942.1 Classification of the degree of protection (IP code) of the overall structure of rotating electrical machines (GB/T 4942.1-2006, IEC 60034-5.

2000, IDT)

GB 5226.1 Mechanical electrical safety machinery and electrical equipment - Part 1. General technical conditions (GB 5226.1-2008, IEC 60204-1:2005, IDT) GB/T 7324 general purpose lithium grease GB/T 8162 structural seamless steel pipe GB/T 8923.1.Determination of surface cleanliness of steels - Part 1 . Uncoated steel Corrosion grade and treatment grade of steel surface after surface and overall removal of original coating (GB/T 8923.1-2011, ISO 8501-1.

2007, IDT)

GB/T 12670 polypropylene (PP) resin GB/T 12671 polystyrene (PS) resin GB/T 13306 signage General technical conditions for GB/T 13384 mechanical and electrical product

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packaging GB 18613 Small and medium-sized three-phase asynchronous motor energy efficiency limit value and energy efficiency rating General specification for construction and acceptance of GB 50231 mechanical equipment installation engineering CJ/T 475-2015 Determination of oxygen mass transfer performance of microporous aerator JB/T 5000.6 General technical requirements for heavy machinery - Part 6. Steel castings JB/T 5000.12 General technical conditions for heavy machinery - Part 12. Painting JB/T 8874 rolling bearing split vertical bearing housing technical conditions

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