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

CJ/T 492-2016

Replacing CJ/T 3065-1997

Curved type bar screen machine

弧形格栅除污机

(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 the revision of CJ/T 3065-1997 "arc grille decontamination machine", compared with the CJ/T 3065-1997 main technical changes as follows.

--- Modify the definition of arc grille decontamination machine (see 3.1, 1997 version 3.1);

--- Increase the definition of scraping slag device, delete the definition of reliability,, Vice rake (see 3.6, 1997 version 3.5, 3.7, 3.9);

--- Modify the arc grille decontamination machine type, type, basic parameters (see 4.1, 4.2, 4.3, 1997 edition Chapter 4, Chapter 5, Chapter 6);

--- Increased arc grille decontamination machine average time to failure requirements, the deletion of the reliability requirements (see 4.3.1, 1997 Version 7.3.2);

--- Increasing the arc grille decontamination machine material (see Chapter 5);

--- Increasing the noise limit of arc grille decontamination machines (see 7.1.3, 1997 version 7.3.10);

--- Increased rake tooth penetration into the depth of the requirements of the arbor (see 7.2.1.6);

--- Increased arc grille decontamination machine on the safety ground, insulation resistance, tooth harrow rotation direction requirements (see 7.5);

- Modify the arc grating, tooth harrow, drive, electrical control equipment, painting, lubrication test methods (see 8.2.1, 8.2.3, 8.4, 8.6, 8.7, 1997 version 8.6);
- Increase scraping slag device, welding and processing of parts, security testing methods (see 8.2.2, 8.3, 8.5);
- Removed the appendix (see the 1997 edition of Appendix A, Appendix B).

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. Tianjin Aege environmental technology Engineering Co., Ltd., Tianjin Water Industry Engineering Equipment Co., Ltd., Tianjin Municipal Engineering Design and Research Institute, Tianjin Sheng Ruitong Municipal Engineering Co., Ltd., Jiangsu First Ring Group Co., Ltd., Tianjin Zhen Xi Technology Development Co., Ltd., Fujian Bo into Construction Engineering Company Limited.

1 Scope

This standard specifies the terms and definitions, models, types and basic parameters, materials, work Conditions, requirements, test methods, inspection rules, marking, packaging, transportation and storage.

This standard applies to water supply and drainage engineering arc grille decontamination machine manufacturing and testing.

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 699-2015 high-quality carbon structural steel Carbon structural steel GB 755 rotating motor quotas and performance GB/T 3767 Acoustic pressure method for noise source sound power level reflection above the free field above the engineering method GB/T 3797 electrical control equipment Protection class (IP code) classification of the overall structure of a rotating electric machine GB/T 4942.1-2006 Visual inspection of surface cleanliness of steel surfaces before application of coatings - Part 1. Uncoated Steel surface and the full removal of the original coating after the steel surface rust level and treatment level GB/T 11337 flatness error detection GB/T 13306 signs GB/T 17219 drinking water distribution equipment and protective materials safety evaluation criteria GB/T 20878-2007 stainless steel and heat-resistant steel grades and chemical composition JB/T 5000.12 General specifications for heavy machinery - Part 12. Painting

JB/T 5936 engineering machinery machining parts of the general technical conditions JB/T 5943 construction machinery welding general technical conditions SJ20893 Specification for pickling and passivation of stainless steel

3 Terms and definitions

The following terms and definitions apply to this document.

Tooth rakes driven by the drive, along the arc-shaped fixed grid (approximately 1/4 circumference) to make rotary motion, will intercept the grid in front of the fixed grid Grille scavenger remove dirt machine.

Grid width width of barscreen Installed in the water inlet channel on both sides of the arcuate fence between the outer side of the distance.