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

CJ/T 263-2018

Replacing CJ/T 263-2007

**Corundum fine bubble diffuser for water and wastewater
treatment**

(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 replaces CJ/T 263-2007 "Corundum Microporous Aerator for Water Treatment". Major technical changes compared to CJ/T 263-2007 the following is as follows.

- Increase or decrease some term terms, modify the term name and definition of the definition;
- Increase the spherical crown corundum microporous aerator, modify the structure of the aerator structure;
- Modify and improve the size and deviation of aeration parts of different specifications;
- Increase the physical and chemical properties of the check valve;
- Modify and improve the oxygenation performance index of the corundum microporous aerator series products;
- Cancel the original "Quality Assurance" section, and incorporate the part that involves the installation requirements into Chapter 8;
- Cancel the normative "Appendix A" and "Appendix B" in the original standard, and modify and improve "Appendix C" as the "Appendix A" of this standard.

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 Jingxi Environmental Protection Equipment Co., Ltd., Jiangsu Fei Environmental Protection Engineering Co., Ltd., Yixing City, Jiangsu Province, poetry and painting Environmental Equipment Co., Ltd.

1 Scope

This standard specifies the terms and definitions, classifications and models of disc-shaped, bell-shaped, tubular, spherical-shaped and spherical corundum microporous aerators.

Conditions, requirements, test methods, inspection rules, marking, packaging, transportation and storage.

This standard applies to the manufacture and inspection of corundum microporous aerators for water treatment.

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 528 Determination of tensile stress-strain properties of vulcanized rubber or thermoplastic rubber
GB/T 529 Determination of tear strength of rubber or thermoplastic rubber (pants, right angles and crescents)
Rubber and rubber -- Determination of hardness of indented rubbers -- Part 1 . Shore hardness test method (Shore hardness)
Determination of tensile properties of plastics - Part 2. Test conditions for moulding and extruded plastics
GB/T 1220 stainless steel rod
GB/T 1633 Determination of Vicat softening temperature (VST) of thermoplastics
Determination of the resilience of GB/T 1681 vulcanized rubber
GB/T 1690 vulcanized rubber or thermoplastic rubber liquid test method
GB/T 1843 Determination of impact strength of plastic cantilever beam
GB/T 1964 porous ceramic compressive strength test method
GB/T 1965 porous ceramic bending strength test method
GB/T 1966 Porous ceramics showing porosity and bulk density test method
Test method for acid and alkali corrosion resistance of GB/T 1970 porous ceramics
GB/T 2828.1-2012.Sampling procedures for sampling by sampling - Part 1 . Batch-by-batch inspections by Retrieving Quality of Acceptance (AQL) plan
GB/T 2829 Cycle Inspection Counting Sampling Procedures and Tables (Applicable to Inspection of Process Stability)
GB/T 3398.1 Determination of hardness of plastics - Part 1
GB/T 3452.1 O-ring seals for hydraulics - Part 1 . Dimension series and tolerances
GB/T 3512 vulcanized rubber or thermoplastic rubber hot air accelerated aging and heat test
GB/T 3672.1-2002 tolerances for rubber products - Part 1
GB/T 5782 Hex Head Bolt
GB/T 5836.1 Hard polyvinyl chloride (PVC-U) pipe for building drainage
GB/T 5836.2 Hard polyvinyl chloride (PVC-U) pipe fittings for building drainage
GB/T 6170 type 1 hex nut
Rubber and rubber -- Determination of compression set - Part 1 . normal temperature and temperature conditions
GB/T 17219 Safety evaluation criteria for drinking water distribution equipment and protective materials

GB/T 20207.1 Acrylonitrile-butadiene-styrene (ABS) pressure piping systems - Part 1.

GB/T 20207.2 Acrylonitrile-butadiene-styrene (ABS) pressure piping systems - Part 2