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

CJ/T 536-2019

Replacing CJ/T 3029-1994

**Adjustable weir-gate
(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 a revision of CJ/T 3029-1994 "Adjustable Tricks (hole width 300~5000mm)", the date of implementation of this standard Since then, CJ/T 3029-1994 has been abolished. The main technical changes in this standard compared with CJ/T 3029-1994 are as follows.

- Added terms and definitions (see 3.1, 3.2, 3.3);
- Increased the requirements for the operation mode, sealing method and transmission mode, and increased the requirements for the model representation method (see 4.1, 4.2);
- Modified the maximum forward and reverse design pressure values of adjustable slamming doors (see Table 1 of 5.2, 1994 edition);
- Revised the materials of the main components of the adjustable slamming door (see Table 2, Table 3 of the 1994 edition);
- Increased material requirements for hard and soft seals (see 6.3);
- Added technical requirements for rotary adjustable tricks (see 7.2.1.2, 7.2.1.3, 7.5.5);
- Increased gasket requirements in grease environments (see 7.2.1.4);
- Modified part of the door frame and door panel requirements (see 7.2.1 and 7.2.2, 1994 editions 4.3.1 and 4.3.2);
- Modified the requirements for the contact surface between the guide rail and the door frame (see 7.2.3.1, 4.3.3.2 of the 1994 edition);
- Increased the requirements for locking devices (see 7.2.4);
- Increased the requirements for lifting lugs, screw and connecting parts, screw guides (see 7.2.5, 7.2.6, 7.2.7);

- Increased the requirements of the hoist rated output torque, rated power, handwheel, handle and opening position indicator (see 7.2.8.3, 7.2.8.4, 7.2.8.5);
- Increased the total thickness of the paint film in the environment containing chloride ions (see 7.4.4);
- Increased the requirements for soft seal compression (see 7.5.2);
- Revised the requirements for the level of adjustment of the adjustable jaw (see 7.5.4, 4.3.7.1 of the 1994 edition);
- Increased leakage requirements for adjustable slamming doors under different conditions (see 7.5.8, 5.3 of 1994).

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. Tianjin Municipal Engineering Design and Research Institute, Tianjin Aijie Environmental Technology Engineering Co., Ltd., Jiangsu Tianyu Environmental Protection Set Group Co., Ltd.

1 Scope

This standard specifies the basic form and model of the adjustable door, general requirements, materials, requirements, test methods, inspection rules, signs, packages.

Loading, transport and storage.

This standard applies to the manufacture and inspection of adjustable shackles used in water supply and drainage engineering.

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 icon GB/T 700 carbon structural steel GB/T 985.1 Recommended groove for gas welding, electrode arc welding, gas shielded welding and high energy beam welding GB/T 985.2 recommended groove for submerged arc welding GB/T 985.3 Recommended groove for aluminum and aluminum alloy gas shielded welding GB/T 1176 cast copper and copper alloy GB/T 1184 Shape and position tolerances

without tolerance values GB/T 1220 stainless steel rod GB/T 1348 ductile iron castings
 GB/T 2828.1. Sampling procedures for sampling by sampling - Part 1 . Batch-to-batch
 sampling plan, searched by AQL GB/T 3280 stainless steel cold rolled steel plate and strip
 GB/T 3797 electrical control equipment GB/T 4237 stainless steel hot rolled steel sheet and
 strip GB/T 4622.1 Wound gasket classification GB/T 4622.2 Wound gasket flange size
 GB/T 4622.3 winding gasket technical conditions GB/T 4942.1-2006 The degree of
 protection (IP code) of the overall structure of a rotating electrical machine GB/T
 5796.4-2005 Trapezoidal threads - Part 4. Tolerance GB/T 6388 transport packaging receipt
 and delivery mark GB/T 6414 casting dimensional tolerances, geometric tolerances and
 machining allowances GB/T 8923.1-2011 - Determination of surface cleanliness of steels -
 Part 1 . Uncoated Corrosion grade and treatment grade of the surface of the steel and the
 surface of the steel after the original coating is completely removed GB/T 10095.1 Precision
 of cylindrical gears - Part 1. Definitions and permissible values GB/T 10095.2 Precision of
 cylindrical gears - Part 2. Definitions and permissible values of radial integrated deviation
 and radial runout GB/T 11365-1989 Bevel gear and hypoid gear precision GB/T 13306
 signage General technical conditions for GB/T 13384 mechanical and electrical product
 packaging GB/T 14647 chloroprene rubber CR121, CR122 CJ/T 536-2019 Adjustable
 weir-gate ICS 13.060.30 P41 People's Republic of China urban construction industry
 standards Replace CJ/T 3029-1994 Adjustable trick Published on 2019-03-04 2019-09-01
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