

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

CJ/T 509-2016

Replacing CJ/T 39-1999

Trash interception bar screen

拦污用栅条式格栅

(English Translation)

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Foreword

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

This standard is a revision of the CJ/T 39-1999 "flat grille", which is compared to the CJ/T 39-1999 main technical changes as follows.

- Added terms and definitions (see Chapter 3);
- modified the classification of the grille, an increase of the grid structure type diagram (see 4.1, 1999 version 3.1);
- modified the model of the grid (see 4.2, 1999, version 3.3);
- to modify and add some basic parameters (see Table 1, Chapter 1, 1999, Table 2, Table 1);
- modified part of the request (see Chapter 6, Chapter 4 of 1999);
- increased the basic requirements and requirements for materials, manufacture and painting (see 6.1, 6.2, 6.3, 6.4);
- Added test methods and inspection rules (see Chapter 7, Chapter 8);
- modified packaging, transportation and storage (see 9.2, 1999 edition, Chapter 6).

This standard is proposed by the Institute of Standards and Valuation of the Ministry of Housing and Urban-Rural Development.

This standard by the Ministry of housing and urban and rural construction of municipal water supply and drainage standardization technical committee.

The drafting of this standard. China Municipal Engineering North China Design Research Institute Co., Ltd., Jiangsu rain Industry Group Co., Ltd., Nantong New Environmental Protection Equipment Engineering Co., Ltd., Anhui Guozhen Environmental Protection Energy Saving Technology Co., Ltd., Wuxi General Machinery Co., Ltd., Jiangsu trillion Sheng Environmental Protection Co., Ltd., Blue Deep Group Co., Ltd., Jinshan Environmental Protection Group Co., Ltd., Zhejiang Dean Technology Co., Ltd.

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1 Scope

This standard specifies the terms and definitions, types and models of the grid bar grille (hereinafter referred to as grille), the basic parameters, requirements, test Methods, inspection rules, signs, packaging, transportation and storage.

This standard applies to the manufacture and inspection of grids in water supply and drainage works.

2 Normative reference documents

The following documents are indispensable for the application of this document. For dated references, the only dated edition applies to this article the latest version (including all modifications) applies to this document.

GB/T 191 Packaging and Storage Icons (GB/T 191-2008, ISO 780.:1997, MOD) GB/T 700 Carbon structural steel (GB/T 700-2006, ISO 630.:1995, NEQ) GB/T 702 Hot-rolled steel bar size, shape, weight and allowable deviation (GB/T 702-2008, ISO 1035-1. 1980, ISO 1035-2. 1980, ISO 1035-3. 1980, ISO 1035-4. 1980, MOD) GB/T 4237 stainless steel hot rolled steel sheet and strip GB/T 8923.1 Visual evaluation of surface cleanings of steel surface before coating of coatings - Part 1. Uncoated steel Surface and comprehensive removal of the original coating after the steel surface corrosion grade and treatment level (GB/T 8923.1-2011, ISO 8501-1.

2007, IDT)

GB/T 13306 signs

GB/T 17219 Safety evaluation criteria for drinking water distribution equipment and protective materials General specification for heavy machinery - Part 12. Painting General technical conditions for welding parts of JB/T 5943 engineering machinery Specification for acid pickling and passivation of stainless steel SJ20893

3 Terms and definitions

The following terms and definitions apply to this document.

Barbed grille trashinterceptionbarscreen A device that is arranged by a number of grids to intercept the influent debris.

Grid width screenwidth the distance between the left and right edges of the plane grille frame or the distance between the outer edges of the arcs on both sides of the curved grid.

Grid length screenlength the distance between the upper and lower edges of the plane

grille frame.

Bar gap barspacing

The net spacing between adjacent two grids.