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INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

CJ/T 194-2014

Replacing CJ/T 194-2004

Non-contact water supply device

(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 CJ/T 194-2004 "non-contact water supply equipment," the revision of this standard compared with CJ/T 194-2004 main technology the changes are as follows.

--- Modify some terms (see 3.1, 3.5, 3.6, 2004 edition Chapter 3);

--- Remove the code requirements (2004 edition Chapter 4);

--- Remove the product model requirements (2004 edition Chapter 5);

--- Increasing the working water temperature requirements (see Chapter 5);

--- Increased salt spray test requirements (see 7.1.2);

--- Increased anti-installation load requirements (see 7.2);

--- Revised the overall energy requirements (see 7.6, 2004 Edition Table 1);

--- Modify the control distance error requirements (see 7.4.1, 2004 edition Table 1);

--- Modify the tap, shower off time requirements (see 7.5, 2004 edition Table 1);

--- Revised anti-jamming performance requirements (see 7.3.3, 2004 version 6.6.3);

--- Increased undervoltage protection requirements (see 7.8.2);

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--- Modify the water flow requirements (see 7.1..2004 edition Table 1);

--- Increased water hammer performance requirements (see 7.13);

--- Modify the temperature test requirements (see 7.14, 2004 version 6.8);

--- Modify the moisture test requirements (see 7.15, 2004 version 6.9);

--- Modify the life expectancy (see 7.17, 2004 edition Table 1);

--- Increased water hammer test method (see Appendix A).

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 Standardization Technical Committee building centralized.

This standard was drafted. Urban Construction Research Institute, the National Building Materials Industry Building Hardware Plumbing Product Quality Supervision and Testing Center, Beijing Water Conservation Management Center, Ningbo Amico Copper Valve Co., Ltd., Guangdong Huayi Bathroom Industry Co., Ltd., in Building Materials Group have Limited, brilliant Plumbing Group Co., Ltd., animal husbandry Group Co., Ltd., Road (Xiamen) Industrial Co., Ltd., Taizhou Fenghua Copper Co., Ltd.

Division, Jie Li to (Fujian) Co., Ltd. sensing equipment, Guangdong Jian Long Hardware Products Co., Ltd., Guangdong Chaoyang Sanitary Ware Co.,

1 Scope

This standard specifies the terms and definitions of water supply appliances controlled by non-contact induction electric valve, product classification, working conditions, materials, Requirements, test methods, inspection rules, marking, packaging, transportation and storage.

This standard applies to non-contact water supply equipment (hereinafter referred to as "water supply equipment") 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 1176 casting copper alloy technical conditions GB/T 5231 processing copper and copper alloy grades and chemical composition GB/T 6461-2002 Metallic substrates and metal and other inorganic coatings after corrosion test specimens and specimens of the rating GB/T 10125 artificial atmosphere corrosion test salt spray test Automatic electrical

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controls for household and similar use - Part 1. Generic requirements GB/T 20878 stainless steel and heat-resistant steel grades and chemical composition GB/T 26750 sanitary ware toilet pressure flushing device HG/T 3091 rubber seal to the drain pipe and sewer pipe interface sealing ring material specifications HG/T 3097 rubber seal --- 110 °C hot water supply pipe pipe joints ring --- Material Specifications

3 Terms and definitions

The following terms and definitions apply to this document.

Through non-contact sensor-driven electric valve Kai, closed operation of the water supply equipment.

Controller controler by the sensor, discrimination, intelligent logic processing, driving and other electronic circuits, can control the electric valve opening and closing parts.

Control distance controler the sensor receives (or emits) the direction of the axis so that the water appliance opens reliably and simulates the furthest distance between the board and the sensor window.

Machine overalunit

By the controller, electric valves (including solenoid valves and motor valves), power (including DC, AC and other energy) and plumbing components group Into the water supply equipment.

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