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

CJ/T 209-2016

Replacing CJ/T 209-2005

Fountain sprinklers

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(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 209-2005 "fountain sprinkler" revision, compared with CJ/T 209-2005, the main technical changes are as follows.

- Added terms and definitions (see 3.2,3.10,3.11,3.12,3.13);
- The original "5.3 Materials" into the fifth chapter, and its content has been adjusted;
- The original 5.1 environmental conditions, "the wind speed is not greater than 2" was revised to "wind speed is not greater than 3";
- Head temperature capability by the "-40 °C ~ 80 °C" to "-40 °C ~ 60 °C";
- Complement the comprehensive data sheet (see Appendix A);
- Pure jet nozzle circular nozzle diameter increased by 45mm, 50mm, 56mm, 63mm, 70mm5 kinds of specifications (see 6.2.5);

--- Increased part of the pure jet single nozzle and high nozzle, curtain nozzle, water curtain nozzle, high pressure cold fog nozzle hydraulic performance parameters

Table (see Appendix B);

--- The original 6.5.3.2 test equipment and 6.5.4 equivalent caliber test moved to the appendix, and renamed the nozzle hydraulic performance test equipment and equivalent Caliber test and calculation (see Appendix C).

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. China Construction Metal Structure Association, Hangzhou Yunbo Technology Co., Ltd., Beijing Zhongke Waterscape Technology Co., Ltd., Hangzhou State Blue Fountain Co., Ltd., Hangzhou Mingyin Waterscape Fountain Co., Ltd., Beijing Oriental Mingquan Fountain Equipment Co., Ltd., Shenyang Fei Asia water Arts Landscape Engineering Co., Ltd., Hangzhou, the United States and China Fountain Engineering Co., Ltd., Jiangsu Yangtze River Environmental Science and Technology Engineering Co., Ltd., Shenzhen City Water Industry Development Co., Ltd., Shanghai Lai-induced Environmental Technology Co., Ltd., Xiamen City, New Jiaxin Landscape Engineering Co., Ltd..

1 Scope

This standard specifies the fountain nozzle (hereinafter referred to as the nozzle) model, material, requirements, test methods, inspection rules, signs, packaging, transport and storage.

This standard applies to water fountains with fountains.

2 Normative references

The following documents for the application of this document is essential. For dated references, dated dates only apply to this document Pieces. For undated references, the latest edition (including all amendments) applies to this document.

GB/T 196 ordinary thread basic size GB/T 1176 cast copper and copper alloy GB/T 1220 stainless steel rod GB/T 2828.1 Sampling procedures for inspection - Part 1. Batch inspection sampling plan by acceptance quality limit (AQL) GB/T 9797 metal coating nickel-chromium and copper nickel-chromium plating GB/T 12716 60 ° sealing pipe thread GB/T 13306 signs GB/T 13384 mechanical and electrical product packaging General technical conditions

3 Terms and definitions

The following terms and definitions apply to this document.

Fountainhead fountainsprinklers/sprayheads Entire device that uses jets of pressurized water in the piping system (without any additional energy or power mechanism) to eject the jets. It is only by joints, runner and nozzle 3 parts; a single nozzle only one connector, but can have a multi-channel and multi-nozzle.

Connecters

Sprinkler and piping system connected components.

Nozzles

Spout pressure water nozzle, orifice or slit.

Spray water-shaped sprayshapes Spray nozzle formed by the jet shape (such as water column, water line, water film, foam, mist, etc.). Its space geometry available spray Shot height and spray level range to express.

Pure jet clearstreamspray Pressure water jet from the nozzle or orifice columnar jet.