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

CJ/T 381-2011

**Non-negative pressure water supply equipment of integration
and intelligence
(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 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 Products Standardization Technical Committee.

1 Scope

This standard specifies the non-vacuum integrated intelligent water supply equipment terms and definitions, classification and model, working conditions, requirements, test methods, Inspection rules, marking, packaging, transportation and storage.

This standard applies to the working pressure of not more than 1.6MPa, supporting power is not greater than 30kW of life, production of water supply system with negative pressure Integrated intelligent water supply equipment production, testing and use.

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 150 steel pressure vessel GB/T 191 Packaging - Pictorial signs (GB/T 191-2008, ISO 780.:1997, MOD) GB/T 985.1 Gas welding, electrode arc welding, gas shielded welding and recommended Beam welding (GB/T 985.1-2008, ISO 9692-1.:2003, MOD) GB/T 1804 General tolerances Tolerances for linear and angular dimensions without tolerance (GB/T 1804-2000, eqvISO 2768-1.

1989)

GB/T 2423.1-2008 Environmental testing for electric and electronic products Part 2. Test methods Test A. Low temperature (IEC 60068-2-1.:2007, IDT) GB/T 2423.2-2008 Environmental testing for electric and electronic products Part 2. Test methods Test B. High temperature (IEC 60068-2-2.:2007, IDT) GB/T 2423.3-2006 Environmental testing for electric and electronic products Part 2. Test methods Test Cab. constant hot and humid test

(IEC 60068-2-78.:2001, IDT) GB/T 2816 wells with submersible pumps GB/T 2818 wells with a submersible asynchronous motor GB/T 3214 pump flow measurement method GB/T 3216 rotary power pump hydraulic performance acceptance test Level 1 and Level 2 (GB/T 3216-2005, ISO 9906.:1999, MOD) Electrical control equipment GB/T 3797-2005 GB/T 4205 Human Machine Interface (MMI) --- Operating Rules (GB/T 4205-2003, IEC 60447.:1993, IDT) GB 4208 enclosure protection (IP code) (GB/T 4208-2008, IEC 60529.:2001, IDT) GB/T 9119 flat, convex plate flat welded steel pipe flange GB/T 9123.1 flat, convex steel pipe flange cover GB/T 9969 Industrial Products Manual General GB/T 12238 flange and the clamp connection flexible sealing butterfly valve GB/T 12459 butt welded steel seamless fittings Submersible pump GB/T 12785 test method GB/T 13384 mechanical and electrical product packaging General technical conditions