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

GB/T 18870-2011

Replacing GB/T 18870-2002

**Technical conditions for water saving products and general
regulation for management**

节水型产品通用技术条件

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Foreword

This standard was drafted in accordance with GB/T 1.1-2009 given rules. This standard is GB/T 18870-2002 amendments. This standard compared with GB/T 18870-2002 main changes as follows:

- Standard name to "water-saving products general technical conditions";
- Increase patients' water-saving technology "," water-saving household washing machines "," water-saving faucets, "" water-saving toilet "and" water towers "of Language and the definition of "water-saving products" definition has been revised;
- Increasing the "General" section, uncheck "production rules of conduct" provisions of various types of water-saving products;
- Test Method for Evaluation and the original standard five water-saving products were revised;
- Increase "plastic water pipe and fittings", "pipeline control means'," the amount of water equipment "three broad categories of water-saving product evaluation and test Test methods. The standard proposed by the country's water conservation office. This standard by the Ministry of Water Resources. This standard was drafted. Saving Product Certification Co. Beijing Xinhua, the state agricultural irrigation and drainage equipment for Quality Supervision and Inspection Center, China Agricultural Mechanization Institute of Science, National Building sanitary ceramics Quality Supervision and Inspection Center, the State Building Materials Industry Building Hardware Plumbing Product Quality Supervision and Testing Center, China Household Electrical Appliances Research Institute, Chinese Academy of Water Resources and Hydropower, Jiangsu Seagull Cooling Tower Co., Ltd., Blue Star Environmental Engineering Co., Ltd., Shanghai Industrial Automation Instrument Research Institute, Ministry of Water Resources hydrological instruments and geotechnical engineering Instrument Quality Supervision, Inspection and Testing center. The main drafters of this standard. Yanchun Xia, Li Wenming, tube TU macro, Qi Bingqiang high this tiger, blue only, Liu immature red, Shi Hongwei, Guan Min, Pack ice country, Zhao Weibo, Mr Chiu, Wang Yutong, Mengqing Kui, Yao Zhihong, Xu Haifeng, Qu Wei, Liu Pan, Wang Dan. This standard replaces the standards previously issued as follows:

--- GB/T 18870-2002. General technical conditions for water-saving products

1 Scope

GB/T 18870-2011 is the Chinese national standard on technical conditions for water saving products and general regulation for management, in the field of energy and heat transfer engineering. The /T suffix marks it as a recommended standard: it is not compulsory by itself, but it becomes binding as soon as a contract, a tender or a customer specification calls it up - which in practice is how most foreign buyers meet it. It was issued on 21 November 2011 by the General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China; Standardization Administration of China, and has been in force since 1 March 2012. Classification: ICS 27.010, CCS F01. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

This standard specifies the definition of water-saving products, rules of conduct and evaluation of production and testing methods commonly used in water-saving products. This standard applies to irrigation equipment, living water saving devices, water cooling towers and tower core components, plastic water pipe and pipe fittings, pipe Channel control section, the amount of water equipment and other equipment and related products and their manufacturers and certification bodies.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version suitable for use herein Member. For undated references, the latest edition (including any amendments) applies to this document.

GB/T 778.3 closed conduits measuring water flow cold potable water and hot water - Part 3. Test methods and test Test equipment

GB/T 1032 Test Methods for Three-phase asynchronous motor

GB/T 2816 wells with submersible pumps

GB/T 3216 rotary power pump hydraulic performance acceptance tests - Grades 1 and 2

GB/T 4288 electric washing machines for household and similar purposes

GB/T 5662 suction centrifugal pumps (16bar) mark, performance and size

GB 6952 sanitary ceramics

GB/T 7190.1 glass fiber reinforced plastic cooling tower - Part 1. small glass fiber reinforced plastic cooling tower

GB/T 7190.2 glass fiber reinforced plastic cooling tower - Part 2. Large glass fiber reinforced plastic cooling tower

GB/T 8464 iron and brass screw valves

GB/T 10002.1 water with a hard polyvinyl chloride (PVC-U) pipes

GB/T 10002.2 water with a hard polyvinyl chloride (PVC-U) pipe fittings

GB/T 11826 rotor flow meter

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