ICS 13.060.20
CCS P 41

NATIONAL STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

GB/T 44918-2024

Management specification for water conservation of urban water supply institutions

城镇供水单位节水管理规范

Issued on: November 28, 2024 **Implemented on: March 1, 2025**

Issued by: State Administration for Market Regulation;
Standardization Administration of the PRC

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Foreword

This document is in accordance with the provisions of GB/T 1.1-2020 "Guidelines for standardization work Part 1: Structure and drafting rules for standardization documents" Drafting is required.

Please note that some of the contents of this document may involve patents. The issuing organization of this document does not assume the responsibility for identifying patents.

This document is proposed and coordinated by the National Technical Committee on Water Conservation Standardization (SAC/TC 442).

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Water-saving management specifications for urban water supply units

1 Scope

This document stipulates the general provisions for water conservation in urban water supply units and the water conservation requirements for operation and management.

This document is applicable to water conservation management of urban water supply units, and shall be used as a reference for self-built water supply plants (stations) and rural centralized water supply.

2 Normative references

GB/T 778.5

GB/T 12452

GB/T 24789

GB 50013

GB 50268

3 Terms and definitions

The following terms and definitions apply to this document.

3.1 Urban water supply institution

Units that provide water for production and life by relying on urban water intake stations, water treatment plants, water transmission and distribution pipelines, and pressure storage and regulation facilities.

4 General Provisions

4.1 For new construction, renovation and expansion projects, water-saving measures should be formulated and technical routes with reasonable technology and economy should be selected. Water-saving Processes, equipment, apparatus and products.

4.2 Water conservation should be carried out throughout the entire process, including water conservation during water intake, water conservation during water production, water conservation during water transmission and distribution, water conservation for end users, and water conservation for water supply.

Water saving in daily office work of water units.

4.3 A full-chain metering system for water intake, water production, water distribution and water use shall be established, and the water metering equipment shall comply with the provisions of CJ/T 454.

4.4 Water balance test or water rationality analysis should be carried out regularly. The water balance test should comply with the requirements of GB/T 12452.

4.5 A record of water intake, water production, transmission and distribution should be established and analyzed regularly.

4.6 A water-saving management department and water-saving management posts should be set up, water-saving plans should be formulated regularly, annual water-saving plans should be compiled, and water-saving targets should be clearly defined.

4.7 A water-saving management system should be established, including water-saving statistics, assessment, water-saving publicity, water-saving rewards and punishments, and water-saving training systems.