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

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**Information system for urban water supply
management--Classifying and encoding rules for basic
information**

城镇供水管理信息系统 基础信息分类与编码规则

(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 was proposed by the Standard Rating Institute of the Ministry of Housing and Urban-Rural Development.

This standard is under the jurisdiction of the Information Technology Application Standardization Technical Committee of the Ministry of Housing and Urban-Rural Development.

The organization responsible for drafting this standard. China Urban Planning and Design Institute.

Participated in the drafting of this standard. Information Center of the Ministry of Housing and Urban-Rural Development, Department of Housing and Urban-Rural Development of

Jiangsu Province, National Urban Water Supply Water) Monitoring Network Jinan
Monitoring Station, Zhejiang University.

Introduction

The urban water supply management information system is based on computer software and hardware, network, geographic information and other technologies to manage urban water supply departments, urban Basic information related to water supply units and urban water supply plants, including the source of raw water, water purification technology of water plants, water supply volume, water supply pipe network, secondary water supply, Laboratory water quality testing and online water quality monitoring, construction of online monitoring points for water supply pressure and flow, water supply services, water supply safety, urban water supply units Information such as information construction can realize multi-departmental information sharing and collaborative work, as well as daily information management, early warning management, emergency management and other functions Yes, a comprehensive and integrated information system that provides technical support for urban water supply safety supervision and management.

In order to standardize the construction of the urban water supply management information system, the following series of standards will be prepared.

- Basic information classification and coding rules of urban water supply management information system;
- Classification and coding of water quality indicators for urban water supply management information system;
- Data exchange format and transmission requirements of urban water supply management information system;
- The visual platform structure and data requirements of the urban water supply management information system.

Urban Water Supply Management Information System Basic information classification and coding rules

1 Scope

This standard specifies the basic information classification and coding rules for urban water supply management information systems.

This standard applies to the construction and application of urban water supply management information systems.

2 Normative references

The following documents are indispensable for the application of this document. For dated reference documents, only the dated version applies to this article. For undated references, the latest version (including all amendments) applies to this document.

GB/T 2260 Administrative division code of the People's Republic of China
 GB/T 7027 Basic principles and methods of information classification and coding
 GB/T 10114 Rules for the compilation of administrative division codes below the county level
 GB/T 32063 Urban water supply service
 CJ/T 474 Classification and coding of water quality indicators for urban water supply management information system
 CJ J58 Operation, Maintenance and Safety Technical Regulations for Urban Water Supply Plant
 CJ J92 Leakage control and assessment standard of urban water supply pipe network

3 Terms and definitions

The following terms and definitions defined in GB/T 7027, GB/T 32063 and CJ J92 apply to this document.

Basic information for urban water supply management

basicinformationforurbanwatersupplymanagement Characterize characteristic information in urban water supply management, including basic information on urban water supply, basic information on urban water supply units, and urban water supply plants Basic information, on urban water supply facilities under construction and planned projects; monthly and daily water volume, pressure water quality of urban water supply units, urban water supply plants, etc.

Dynamic information; quarterly dynamic information of urban water supply facilities under construction and proposed projects; quick report information of urban water supply emergencies.

Note: Referred to as basic information.

Feature information

In order to characterize the spatial and geographic characteristics of information, the urban water supply authority, urban water supply unit, urban water supply plant; urban water supply quality, Online monitoring site for urban water supply pressure and flow; the codes of drinking water sources and other entities are embedded with administrative division digital codes or water system codes.

Is the address code.

Urban water supply management information system data dictionary

datadictionaryofinformationsystemforurbanwatersupply management Provide a unified option code and name for the basic information of multiple options in the urban water

supply management information.

Note: Referred to as data dictionary.