

ICS 13.030.20
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**INDUSTRY STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

HJ 520-2009

Codes for wastewater categories

废水类别代码(试行)

(English Translation)

Issued on: December 30, 2009

Implemented on: April 1, 2010

Issued by: Ministry of Ecology and Environment

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Foreword

In order to implement the Environmental Protection Law of the People's Republic of China, the wastewater treatment and management work was carried out in an orderly manner, and the wastewater classification and coding were unified.

Requirements, develop this standard.

This standard is based on environmental management, environmental statistics, environmental monitoring, environmental impact assessment, discharge of pollutants declaration and registration, and various types of water.

The classification of wastewater involved in body environmental quality standards, water pollutant discharge standards, etc., specifies the type of wastewater and the corresponding code.

This standard is the first release.

This standard was formulated by the Science and Technology Standards Department of the Ministry of Environmental Protection.

This standard was drafted. Information Center of the Ministry of Environmental Protection, Beijing Idea Innovation Technology Co., Ltd.

This standard was approved by the Ministry of Environmental Protection on December 30, 2009.

This standard has been implemented since April 1, 2010.

This standard is explained by the Ministry of Environmental Protection.

Wastewater category code

1 Scope of application

This standard is based on environmental management, environmental statistics, environmental monitoring, environmental impact assessment, discharge of pollutants declaration and registration, and various types of water.

The requirements for physical environment quality standards and water pollutant discharge standards specify the type of wastewater and the corresponding code.

This standard applies to the management of wastewater information collection, exchange, processing, use and environmental information system construction.

2 Normative references

The contents of this standard refer to the terms in the following documents. For undated references, the valid version applies to this standard.

GB/T 4754-2002 National Economic Industry Classification GB/T 7027 Basic principles and methods of information classification and coding GB/T 10113 General terminology for classification and coding GB 21904-2008 Emission standards for water pollutants in chemical synthesis pharmaceutical industry GB J 125-89 Basic terminology standard for water supply and drainage design HJ/T 416-2007 Environmental Information Terminology HJ/T 417-2007 Environmental Information Classification and Code

3 Terms and definitions

Established in GB J 125-89, GB/T 10113-2003, GB/T 4754-2002, HJ/T 416-2007 and HJ/T 417-2007 Terms and definitions apply to this standard.

Domestic sewage

Wastewater discharged by residents in their daily lives.

4.1 Scientific principles

According to the key factors that determine the basic water quality characteristics of wastewater (main types of pollutants and their concentrations) - wastewater sources (sources of pollution) classification. Wastewater classification is carried out mainly in the industry and process stages that directly determine the basic water quality characteristics of wastewater. Consider environmental management and pollution at the same time the needs and habits of application processes such as preventive control.

4.2 Systematic principles

The wastewater categories are systematically sequenced in a certain order and form a reasonable scientific classification system.

4.3 The principle of scalability Taking into account the development of wastewater discharge and water pollution prevention and management services in different industries, the wastewater category should be set up for containment categories and reserve space.

In order to ensure the classification system has a certain flexibility, and at the same time create conditions for the extension and refinement of the wastewater classification system.

4.4 Compatibility Principle

Fully study the national, industrial and international standards related to wastewater, and water pollutant discharge standards, national economic industry classification the relevant standards have been consistent.

4.5 Comprehensive practical principles

The classification of wastewater categories should be based on the system engineering perspective, and the local problems should be dealt with in the whole system to achieve the optimal system. Based on waste the overall goal of water treatment is to meet the business management needs of pollution source supervision and sewage discharge control as much as possible, in line with environmental statistics and sewage discharge declaration.

Record, total emission reduction control and other practical needs.

5.1 Basic methods

The basic classification method follows the requirements and requirements of GB/T 7027-2002.

5.2 Wastewater classification method

According to the source of wastewater, the industry and the stage of the process, the classification is carried out by line classification.

The first category of wastewater classification is divided according to the pollution source information categories in GB/T 4754-2002 and HJ/T 417-2007, and the order of the pollution source information categories in HJ/T 417-2007. It includes more special wastewater such as surface runoff. Its subordinate class is based on industry, waste Classification of water properties, water pollution control needs, etc.

6.1.1 Normative

In the wastewater category code system, the type, structure, and format of the code must be uniform.

6.1.2 Uniqueness

There is only one code for each wastewater category, and one code represents only one wastewater category.

6.1.3 Rationality

The structure of the wastewater category code should be adapted to its classification system.

6.1.4 Extensibility

The classification of the wastewater category should be accompanied by an appropriate backup capacity to accommodate the expanding needs.

6.1.5 Simplicity

The code structure should be as simple as possible to facilitate user input, reduce the computer storage space and code error rate, and improve processing efficiency.

6.1.6 Stability

Once the wastewater category code is determined, it should remain unchanged.

6.2 Coding method

The wastewater category is coded as a hierarchical code with sequential codes in each layer. Wherein, the hierarchical code divides the code into two according to the classification level of the encoding object.