

ICS 13.030.20
CCS Z 23

HJ

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

HJ 521-2009

Codes for wastewater discharging

废水排放规律代码(试行)

(English Translation)

Issued on: December 30, 2009

Implemented on: April 1, 2010

Issued by: Ministry of Ecology and Environment

Table of Contents

Foreword	
1 Scope of application	
2 Normative references	
3 Terms and definitions	
3.1 Wastewater discharge rules	
3.3 Irregular	
3.4 Continuous	
3.5 Intermittent Intermittent	
3.6 Stable	
3.7 Unstable	
3.8 Periodic periodical	
3.9 Impact type impactive	
4 Classification principles	
4.1 Scientific principles	
4.2 Systematic principles	
4.4 Compatibility Principle	
4.5 Comprehensive practical principles	
5 Classification methods	
5.1 Basic methods	
5.2 Classification method of wastewater discharge law	
6 Classification code	
6.1 Coding principle	
6.2 Coding method	
6.3 Code Structure	
7 Wastewater discharge law categories and code tables	
7.1 Wastewater Discharge Flow Category Code Table	
9 Other	

Foreword

In order to implement the "Environmental Protection Law of the People's Republic of China", the work of wastewater treatment and management is guaranteed to be carried out

in an orderly manner.

Classes and codes to develop this standard.

This standard specifies the type of wastewater discharge law 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 discharge code

1 Scope of application

This standard specifies the classification and code of wastewater discharge laws.

This standard is applicable to the collection, exchange, processing, use and environmental information system construction of wastewater discharge laws of environmental protection departments at all levels.

Management work.

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 J 125-89 Basic terminology standard for water supply and drainage design GB/T 7027 Basic principles and methods of information classification and coding GB/T 10113 General terminology for classification and coding HJ/T 416-2007 Environmental Information Terminology HJ/T 417-2007 Environmental Information Classification and Code

3 Terms and definitions

Terms and definitions established in GB J 125-89, GB/T 10113-2003, HJ/T 416-2007 and HJ/T 417-2007, and the following terms and definitions apply to this standard.

3.1 Wastewater discharge rules

The relationship between the various discharge states of the wastewater during the inspection period (one year). Monitoring of wastewater discharge status indicators by relevant state Test technical specifications are implemented. The inspection period is not included in the inspection period.

3.2 (with) regular it refers to the repeated connection between the various discharge states (flows) of wastewater, and its changing situation has certain inevitability.

3.3 Irregular

It means that the change state of each discharge state (flow rate) of wastewater is not inevitable, and the next state cannot be foreseen.

3.4 Continuous

It means that the wastewater flow rate is always greater than zero.

3.5 Intermittent Intermittent

Refers to the conversion of wastewater flow between 0 and non-zero.

3.6 Stable

Refers to the discharge state where the flow has a relative standard deviation of no more than 20%.

The relative standard deviation calculation formula is.

$1RSD = 100\%$

Where. 1

X_i --Check the i th flow monitoring value during the period;

n --The number of inspections during the inspection period shall be no less than the number of times reported in the Declaration Report on Emission of Pollutants.

3.7 Unstable

Refers to the discharge state where the flow has a relative standard deviation of more than 20%.

3.8 Periodic periodical

Change from any emission state, after a period of time (cycle) or an integral multiple of this time, always return to the beginning State and repeat the original changes.

3.9 Impact type impactive

Wastewater discharge caused by unexpected events is unpredictable, such as heavy rain or sudden accidents.

4.1 Scientific principles

According to the key indicator of wastewater discharge status--flow, the classification of wastewater discharge law is divided, and the time dimension of wastewater discharge law is taken into account.

4.2 Systematic principles

The wastewater discharge law will be systematically arranged in a certain order to form a reasonable scientific classification system.

4.3 The principle of scalability Taking into account the business development of wastewater discharge, water pollution prevention and management, the wastewater discharge law category sets the containment category and reserves space to Ensure that the classification system has certain flexibility, and at the same time create conditions for the extension and refinement of the classification system.

4.4 Compatibility Principle

It is consistent with existing relevant national and industry standards.

4.5 Comprehensive practical principles

The classification of wastewater discharge laws is based on the overall requirements for classification of wastewater discharge laws, and it is recommended to meet pollution source supervision and sewage.

The business management needs of emission control are in line with the actual needs of environmental statistics, pollution declaration and registration, and total emission reduction control.

5.1 Basic methods

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

5.2 Classification method of wastewater discharge law

The classification of wastewater discharge is classified by mixed classification. Combined with the actual business work of water pollution prevention and management, from the perspective of wastewater discharge flow the wastewater discharge law is described, and