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

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Codes for water pollutants

水污染物名称代码

(English Translation)

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Foreword

To implement the "People's Republic of China Environmental Protection Law", "People's Republic of China Water Pollution Prevention Law", "People's Republic of China Ocean ring Environmental Protection Law", the State Council on Scientific Development and Strengthening Environmental Protection", State Council issued a comprehensive energy conservation work Notification of the program of", the State Council approved statistical monitoring and assessment notification energy conservation programs and implementation approach "and other laws and regulations and notify fine God, strengthen supervision and management of pollution control, protection of the environment and the exchange of information processing work conducted in an orderly, unified water pollutants names and codes, Development of this standard.

This standard for environmental management, environmental statistics, environmental monitoring, environmental impact assessment, discharge of pollutants to declare the registration of various types of water quality of the environment Standard, all types of water pollutant discharge standards related to water pollutants are classified list and write code, the code defines the name of water pollutants.

Appendix A of this standard is an informative annex.

This standard is the first release.

This standard is developed by the Ministry of Environmental Protection Science, Technology organization.

This standard was drafted. Department of Environmental Protection Information Center,

Hebei University of Science and Technology, Hebei Province Environmental Information Center.

This standard MEP December 30, 2009 for approval.

This standard since April 1, 2010 implementation.

The standard explanation by the Ministry of Environmental Protection.

Code Name Water Pollutants

1 Scope

This standard for environmental management, environmental statistics, environmental monitoring, environmental impact assessment, discharge of pollutants declaration and registration, all types of water environment quality the amount of the standard, all types of water pollutant discharge standards and other issues involving water pollutants list, classify, provides water pollutant name tags.

This standard applies to national environmental protection departments at all levels on water pollutants information collection, exchange, processing, use and environmental information system Unified construction management.

2 Normative references

The standard content of the following documents cited in the articles. For undated references, the effective version applies to this standard.

HJ/T 416 Environmental Information Terminology GB/T 7027 the basic principles and methods of information classification and coding GB/T 10113 Classification and Coding generic terms

3 Terms and Definitions

GB/T 10113 terms and definitions and HJ/T 416 are established, and the following terms and definitions apply to this standard.

3.1 Water Pollution water pollution

It refers to the water body of any substance which alters the change in its chemical, physical, biological or radioactive properties, etc., which affect Efficient use of water and endanger human health or harm the environment, resulting in deterioration of water quality phenomenon.

3.2 Water pollutant water pollutants

It means any direct or indirect discharges to water bodies, and can lead to water pollution substances.

3.3 Pollution indicators water pollution Index

Reflect the quality or the degree of pollution of water bodies, but not a specific chemical substances, including physical indicators (such as color), biological indicators, radioactive means Standard, integrated indicators (such as biochemical oxygen demand BOD, Biochemical Oxygen Demand).

3.4 Classification of water pollutants classification of water pollutants

According to a feature structure or water pollution index of water pollutants, according to certain rules to distinguish between them and classify process. By classification can in the class of water pollutants by order in favor of the management and use of water pollutants.

3.5 Water pollutant water pollutants codes Code Name

It represents one or a group of characters of water pollutants or pollution indicators.

3.6 Water Pollutants coding for water pollutants

On the basis of water pollutants or pollution indicators classification, water contaminants or pollutants given procedure code.

3.7 Water pollutant water pollutants code table code table

Classification of water pollutants and forms encoded. Is a water pollutant or pollutants listed in each category and are arranged according to water pollution Code values of pollutants or pollution indicators. Water Pollutant code table includes a category, code, code, and water pollution water pollutants or pollution indicators Pollutants in Chinese and English names.

4.1 Scientific Principles

According to the nature and structure of the most stable property pollutants or water pollutants pollution index as the basis for classification, combined with the application of customary.

4.2 Applicability Principles

Water pollutant category - setting comprehensive, practical concern, it is important, the emergence of high-frequency category pollutants listed separately, sudden Out of focus, easy retrieval.

4.3 Principles scalable ductility

With the development of science and technology and social progress, there will be more new or newly synthesized detected contaminants of concern, so the expansion of the category the reserved space, classification system to keep a certain flexibility, may be on the extension of the classification system.

5.1 Basic Methods

This standard follows the basic classification GB/T 7027 regulations and the requirements.

5.2 Classification of water pollutants

Physicochemical properties and structural characteristics of water contaminants, using suitable line classification method to classify, but for some special or frequency of use Category should adopt higher surface classification. Classification of water pollutants using a line-based classification, the mixed faceted classification taxonomy complementary.

Set up a water pollutant classification category, according to the structure and physicochemical properties of water pollutants will be divided into 20 classes of water pollutants.

6.1.1 Uniqueness

Each water pollutants or pollution indicators have only one code, a code that represents only one water pollutants or pollution indicators.

6.1.2 Rationality

Code structure and classification system to adapt.

6.1.3 Scalability

Leaving adequate back-up capacity to meet the expanding needs.

6.1.4 Conciseness

Code structure as concise as possible, an appropriate length to save storage space and reduce the error rate of the machine code.

6.1.5 Stability

Code Name of water pollutants, once established, should remain unchanged.