

HJ

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

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**Technical guideline for the development of national water
pollutant discharge standards**

国家水污染物排放标准制订技术导则

(English Translation)

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Foreword

To implement the Environmental Protection Law of the People's Republic of China, the Law of the People's Republic of China on Water Pollution Prevention and Control, the Environmental Protection Law, which regulates the revision and revision of national water pollutant discharge standards, and formulates this standard.

This standard stipulates the basic principles and technical routes for the formulation of industrial water pollutant discharge standards, and the determination of major technical contents.

The cost-benefit analysis of the standard implementation, the standard text structure, and the main content of the standard preparation instructions.

This standard is the first release.

Appendix A of this standard is an informative annex.

This standard is formulated by the Department of Regulation and Standards of the Ministry of Ecology and Environment.

This standard was drafted. China Academy of Environmental Sciences.

This standard is approved by the Ministry of Ecology and Environment on December 19, 2018.

This standard has been implemented since January 1, 2019.

This standard is explained by the Ministry of Ecology and Environment.

Technical guidelines for the formulation of national water pollutant discharge standards

1 Scope of application

This standard stipulates the basic principles and technical routes for the formulation of industrial water pollutant discharge standards, and the determination of major technical contents.

The cost-benefit analysis of the standard implementation, the standard text structure, and the main content of the standard preparation instructions.

This standard applies to the revision and revision of industrial water pollutant discharge standards. The revision of industrial local water pollutant discharge standards can be refer to this standard.

2 Normative references

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

quasi.

GB 3838 Surface Water Environmental Quality Standard GB 3839 Technical principles and methods for formulating local water pollutant discharge standards GB 8978 Integrated Wastewater Discharge Standard HJ/T 91 Surface Water and Wastewater Monitoring Technical Specifications HJ/T 168 Technical Guidelines for Environmental Monitoring and Analysis Methods HJ 493 Technical Regulations for Preservation and Management of Water Quality Samples HJ 494 Water Quality Sampling Technical Guidance HJ 495 water quality sampling plan design technical regulations HJ 565 Environmental Protection Standards Compilation Technical Guide HJ 2300 Guidelines for the preparation of feasible technical guidelines for pollution prevention Hazardous Chemicals Catalogue (Safety Regulatory Authority Announcement No. 5 of 2015) List of Priority Control Chemicals

(Ministry of Environmental Protection, Ministry of Industry and Information Technology, National Health and Family Planning Commission.2017) no. 83 of the year) "Guidelines for the Implementation of National Pollutant Discharge Standards Implementation (Trial)" (Circular Science and Technology [2016] No. 94) Measures for the Administration of the Revision and Revision of National Environmental Protection Standards (Guohuan Regulation Technology [2017] No. 1) Measures for the Automatic Monitoring and Control of Pollution Sources (Order No. 28 of the State Environmental Protection Administration) Measures for the Administration of Environmental Monitoring (Order No. 39 of the State Environmental Protection Administration)

3 Terms and definitions

The following terms and definitions apply to this standard.

Water pollutant discharge standards in order to improve the quality of the environment, combined with technical, economic and environmental characteristics, water pollution directly or indirectly discharged into environmental water bodies Restrictions on the types, concentrations and quantities of dyes, other factors that pose a hazard to the environment, monitoring methods and monitoring methods Sex regulations.

Fixed source of stationary sources all kinds of industrial enterprises, places, production facilities, fixed equipment, etc. that discharge water pollutants are referred to as fixed sources.

Industrial water pollutant discharge standards for water pollutant discharge standards for industries Water pollutant discharge standards applicable to fixed sources in a particular industry.

Integrated water pollutant discharge standards it is applicable to water pollutant discharge standards of fixed sources outside the scope of application of industrial water pollutant discharge standards.

Environmental water body Surface water bodies, sea water bodies, etc. in rivers, lakes, canals, channels, reservoirs, etc. in the territory of the People's Republic of China, and the Chinese people Other sea waters under the jurisdiction of the Republic.

Concentrated wastewater treatment facility Sewage treatment facilities providing sewage treatment services for two or more sewage disposal units, including urban sewage of various scales and types Centralized processing facilities, industrial agglomeration areas (economic and technological development zones, high-tech industrial development zones, export processing zones, etc.) Sewage centralized treatment facilities, and other sewage treatment facilities shared by two or more sewage disposal units.

Direct discharge

The behavior of pollutant discharge units directly discharging water pollutants into

environmental water bodies.

Indirect discharge

The discharge of water pollutants by the sewage disposal unit to the sewage centralized treatment facility.

Existing sources of stationary sources A fixed source of production, approval or auditing or filing has been completed before the date of implementation of the standard.

3.10

New source of emissions Fixed source construction projects for new construction, reconstruction and expansion that have passed the examination, approval or filing of environmental impact assessment documents since the date of implementation of the standards Head.

3.11

Water pollutants

A substance that directly or indirectly discharges into an environmental water body that can cause water pollution.

3.12

Special discharge limit values of water pollutants According to the requirements of environmental protection work, the density of land development has been higher, the environmental carrying capacity has begun to weaken, or the environmental capacity is relatively Small areas, fragile ecological environment, areas prone to serious environmental pollution problems and requiring special protection measures, to strictly control enterprises Water pollutant discharge limits established by pollutant discharge behaviour.

3.13

Comprehensive toxic effluent toxicity Evaluate the toxicity of water characterized by aquatic organisms or microbial toxicity tests, ie standardized mini-water through freshwater, seawater and mixed zones Acute or chronic toxicity of water as assessed by tests for plants,, invertebrates and vertebrates.

3.14

Effluent volume

The amount of sewage discharged by a pollutant discharge unit outside its legal boundary. The type of sewage includes various efflux that are directly or indirectly related to production.

Sewage, usually including production process sewage, plant domestic sewage, cooling sewage, plant boilers, power station drainage, etc.