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**INDUSTRY STANDARD OF THE
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**Technical specification for management of municipal
wastewater treatment plant operation**

城镇污水处理厂运行监督管理技术规范

(English Translation)

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Foreword

In order to implement the Law of the People's Republic of China on Water Pollution Prevention and Control, prevent and control water pollution, and strengthen the operation of urban sewage treatment plants.

The management of the line ensures that the urban sewage treatment plant is stable and meets the standards, and this standard is formulated.

This standard specifies the technical requirements for the operation and management of urban sewage treatment plants.

This standard is a guiding standard.

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 is mainly drafted by. Tianjin Environmental Protection Research Institute (China Environmental Protection Industry Association Water Pollution Control) Committee), Tianjin Entrepreneurship Environmental Protection Group Co., Ltd., Guangzhou Datansha Wastewater Treatment Plant.

This standard was approved by the Ministry of Environmental Protection on June 10, 2014.

This standard has been implemented since September 1, 2014.

This standard is explained by the Ministry of Environmental Protection.

Technical specification for operation supervision and management of urban sewage treatment plants

1 Scope of application

This standard specifies the technical requirements for the operation and management of urban sewage treatment plants and the performance evaluation of operational effects.

This standard applies to the operation management and supervision of urban sewage treatment plants.

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 12348 Environmental noise emission standards for industrial enterprises GB 15562.1 Environmental protection graphic mark discharge port (source) GB 18918 Pollutant

discharge standard for urban sewage treatment plants CJJ 60 Urban Wastewater Treatment Plant Operation, Maintenance and Safety Technical Regulations HJ/T 212 pollution source online automatic monitoring (monitoring) system data transmission standard Technical specification for operation and assessment of HJ/T 355 water pollution source online monitoring system HJ/T 372 water quality automatic sampler technical requirements and testing methods HJ 576 Anaerobic-anoxic-aerobic activated sludge process wastewater treatment engineering technical specification HJ 577 Sequencing Batch Activated Sludge Wastewater Treatment Engineering Technical Specification HJ 578 Oxidation Ditch Activated Sludge Wastewater Treatment Engineering Technical Specification HJ 579 Membrane Separation Wastewater Treatment Engineering Technical Specification HJ .2006 Technical Specifications for Sewage Coagulation and Flocculation Treatment Engineering HJ .2008 sewage filtration treatment engineering technical specification HJ .2009 Biological Contact Oxidation Wastewater Treatment Engineering Technical Specification HJ .2010 Membrane Biological Wastewater Treatment Engineering Technical Specification HJ .2014 Biological Filter Method Wastewater Treatment Engineering Technical Specification Notice on Strengthening the Prevention and Control of Sludge Pollution in Urban Sewage Treatment Plants (Environment Office [2010] No. 157)

3 Terms and definitions

The following terms and definitions apply to this standard.

3.1 Municipal wastewater treatment plant

Refers to the urban environmental protection infrastructure for the purification of sewage entering the urban sewage collection system.

3.2 Operation management operation and management

Refers to the production activities of sewage treatment in urban sewage treatment plants and operation and maintenance of their facilities.

3.3 The moisture content of sludge the mass of water contained in the sludge is a percentage of the total mass of the sludge.

3.4 Sludge treatment rate

Refers to the mass of sludge treated by concentration, dehydration, etc. as a percentage of the total mass produced by the sludge.

3.5 Sludge transfer order system regulations on sludge transportation record

Refers to the special control degree of the sludge transfer behavior of the sewage plant and its related responsible persons in order to prevent secondary pollution, when requesting

sludge transfer, transportation and receiving, follow the uniform format, conditions and requirements, and report the "sludge transfer joint order" and press Procedures and deadlines are retained and available for future reference.

3.6 Facilities installations

Refers to the machinery, equipment and equipment provided by the urban sewage treatment plant to achieve pollution control such as sewage, sludge and odor.

A general term for buildings and structures.

4.1 General provisions

The operation or operation of a municipal sewage treatment plant (referred to as a sewage treatment plant) shall, in addition to complying with the requirements of the provisions of this standard, it should also comply with the relevant provisions of the "Technical Regulations for the Operation, Maintenance and Safety of Municipal Wastewater Treatment Plants" (CJJ 60).

The barrier sewage plant continued to operate and stabilized.

4.2 Operation Management Requirements

4.2.1

All operational management personnel should have qualified operational management skills, and the number of operational management personnel should meet the sewage plant operation.

Line management needs;

4.2.2

The sewage treatment plant shall be equipped with a special laboratory with the ability to detect pollutants and monitor the whole process, and implement the full implementation according to relevant regulations.

Process detection; should develop test and analysis quality control standards, improve the reliability of monitoring data, regular verification and verification of laboratory measurement device;

4.2.3

The sewage treatment plant shall have complete facilities, equipment and technical measures for fire prevention, explosion prevention and emergency prevention, and formulate unexpected events.

Therefore, the environmental emergency plan, strict implementation of environmental protection laws and regulations;