

HJ

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

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**Technical specification for application and issuance of
pollutant permit Inorganic chemical industry**

排污许可证申请与核发技术规范 无机化学工业

(English Translation)

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Table of Contents

Foreword

1 Scope of application

2 Normative references

3 Terms and definitions

3.1 Inorganic chemical industry pollutant discharge unit

3.2 Permitted emission limits

3.3 Special period special periods

4 Basic requirements for reporting the discharge unit

4.1 General principles

4.2 Basic information of sewage disposal units

4.3 Main products and production capacity

Foreword

To implement the "Environmental Protection Law of the People's Republic of China" Water Pollution Prevention and Control Law, Law of the People's Republic of China on Soil Pollution Prevention and Control, and other laws and regulations, and the General Office of the State Council on Printing and Controlling Pollutants Notice of Implementation Plan for Emission Permit System (Guo Dang Fa [2016] No. 81) and "Measures for the Administration of Sewage Permits (Trial)" (Ministry of Environmental Protection) Order No. 48), improve the technical support system for pollutant discharge permits, and guide and regulate the application and issuance of pollutant discharge permits for inorganic chemical industry pollutant discharge units Work to develop this standard.

This standard specifies the basic conditions for the application and issuance of pollutant discharge permits for inorganic chemical industry pollutant discharge units, and the permitted emission limits.

Environmental management for identification, actual emissions accounting and compliance determination methods, self-monitoring, environmental management ledger and discharge permit execution report Requirements, put forward the feasible technical requirements for pollution prevention and control of inorganic chemical industry sewage unit.

Appendix A to Appendix D of this standard are informative annexes.

This standard is the first release.

This standard is formulated by the Department of Environmental Impact Assessment and

Emission Management of the Ministry of Ecology and Environment, and the Department of Regulations and Standards.

This standard is mainly drafted by. Environmental Engineering Evaluation Center of the Ministry of Ecology and Environment, China Inorganic Salt Industry Association, Chinese Academy of Sciences Process Engineering Institute, Beijing Shenzhou Ruilin Environmental Technology Research Institute Co., Ltd., Qingdao University of Science and Technology, Shandong Province Construction Project Environmental Review Service Center.

This standard was approved by the Ministry of Ecology and Environment on August 13, 2019.

This standard has been implemented since August 13, 2019.

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

Sewage permit application and issuance technical specification inorganic chemical industry

1 Scope of application

This standard specifies the basic conditions for the application and issuance of pollutant discharge permits for inorganic chemical industry pollutant discharge units, and the permitted emission limits.

Environmental management such as determination, actual emissions accounting, compliance determination methods, and self-monitoring, environmental management ledgers, and discharge permit execution reports According to the requirements, the feasible technical requirements for pollution prevention and control of inorganic chemical industry were put forward.

This standard is applicable to guide the inorganic chemical industry pollutant discharge unit to fill in the "Sewage Permit Application Form" and the national sewage permit management information the platform application system fills in relevant application information, and is also applicable to guide the issuing authority to review and determine the inorganic chemical industry sewage permit.

Claim.

This standard is applicable to the management of pollutant discharge permits for atmospheric pollutants and water pollutants discharged by inorganic chemical industry pollutant discharge units, including in the economic industry classification (GB/T 4754), inorganic acid production 2611, inorganic alkali production 2612, inorganic salt production 2613 and other foundations Manufacture of chemical raw materials in the manufacture of inorganic chemical industrial products in 2619. Emission from other chemical production units that use the above substances as by-products the discharge permit management of

atmospheric pollutants and water pollutants is not applicable to this standard, and the application of the pollutant discharge permit and the technical regulations for the issuance of the corresponding industries are implemented.

Fan; production of biological hydrogen, general gas (except electrolytic hydrogen), rare gases, liquid air and compressed air, etc.

The discharge permit management of atmospheric pollutants and water pollutants discharged by sewage units shall refer to the General Rules for Application and Issuance of Pollution Discharge Permits (HJ)

942) Execution.

In the inorganic chemical industry sewage disposal unit, the production facilities and discharge ports of the "Fire Power Plant Air Pollutant Emission Standards" (GB 13223) shall be implemented.

Applicable to the Technical Specification for Application and Issuance of Pollution Discharge Permits in Thermal Power Industry (Annex 1 of Water Body [2016] No. 189);

The production facilities and discharge ports of the Gas Pollutant Emission Standard (GB 13271) are applicable to the "Application for Pollution Discharge and the Issuance of Technical Boilers" (HJ 953).

Inorganic chemical industrial pollutant discharge units that do not stipulate this standard but emit industrial waste water, waste gas or toxic and harmful pollutants specified by the state.

Other sewage facilities and discharges shall be implemented in accordance with the General Rules for the Application and Approval of Pollution Discharge Permits (HJ 942).

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.

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GB 8978 Integrated Wastewater Discharge Standard GB 9078 industrial furnace kiln air pollutant discharge standards GB 13223 Standard for emission of atmospheric pollutants from thermal power plants GB 13271 Boiler Air Pollutant Emission Standard GB 14554 Odor Pollutant Emission Standard GB 15581 caustic soda, polyvinyl chloride industrial pollutant discharge standards GB 16297 Integrated emission standards for atmospheric pollutants GB 26131 Nitric acid industrial pollutant discharge standard GB 26132 Sulfuric acid industrial pollutant discharge standard GB 31573 Pollutant Standard for Pollutants in Inorganic Chemical Industry - 2 -GB/T 4754 National Economic Industry Classification GB/T 16157 Determination of particulate matter in fixed pollution source exhaust gas and sampling method of gaseous pollutants GB/T 32123 Cyanide-containing wastewater

treatment and disposal specifications HJ 75 Fixed Pollution Source Flue Gas (SO₂, NO_x, Particulate Matter) Emissions Continuous Monitoring Technical Specification HJ 76 Technical requirements and test methods for continuous monitoring system for flue gas (SO₂, NO_x, particulate matter) from stationary sources HJ 493 Technical regulations for the preservation and management of water sampling samples HJ 494 Water Quality Sampling Technical Guidance HJ 495 water quality sampling plan design technical regulations HJ 608 sewage unit coding rules HJ 819 General Guidelines for Self-Monitoring Technical Units of Sewage Units HJ 942 General Regulations for the Application and Issuance of Pollution Discharge Permits HJ 953 Sewage Permit Application and Issuance Technical Specification Boiler HJ/T 55 Technical Guidelines for the Monitoring of Unorganized Emissions of Air Pollutants HJ/T 91 Surface Water and Wastewater Monitoring Technical Specifications HJ/T 194 Technical Specifications for Manual Air Quality Monitoring HJ/T 212 pollution source online automatic monitoring (monitoring) system data transmission standard HJ/T 353 Water Pollution Source Online Monitoring System Installation Technical Specification (Trial) HJ/T 354 Water Pollution Source Online Monitoring System Acceptance Technical Specification (Trial) Technical Specifications for Operation and Assessment of HJ/T 355 Water Pollution Source Online Monitoring System (Trial) HJ/T 356 Water Pollution Source Online Monitoring System Data Validity Discrimination Technical Specification (Trial) HJ/T 397 Fixed Source Exhaust Gas Monitoring Technical Specification "13th Five-Year Plan" Ecological Environmental Protection Plan (Guo Fa [2016] No. 65) Technical Requirements for Standardized Remediation of Sewage Discharges (Trial) (National Environmental Protection Agency Environmental Supervision [1996] No. 470) Circular on Carrying out the Management of Elevated Source Pollution Discharge Permits in Thermal Power, Papermaking Industry and Beijing-Tianjin-Hebei Pilot City (Circular Water Body [2016] no. 189) Announcement on the Implementation of Special Emission Limits for Air Pollutants (Announcement No. 14 of 2013) Reply to the Issues Concerning the Implementation of Special Emission Limits for Air Pollutants (Environmental Letter [2016] No. 1087) Announcement on the Implementation of Special Emission Limits for Air Pollutants in the Beijing-Tianjin-Hebei Air Pollution Transmission Channel City (Announcement No. 9 of 2018) National Directory of Hazardous Wastes (Order No. 39 of the Ministry of Environmental Protection) Notice on Strengthening Prevention and Control of Nitrogen and Phosphorus Pollution from Fixed Pollution Sources (Circular Water Body [2018] No. 16)

3 Terms and definitions

The following terms and definitions apply to this standard.

3.1 Inorganic chemical industry pollutant discharge unit

It refers to the production of inorganic acids, inorganic bases, inorganic salts, other basic chemical raw materials, etc. from natural resources, industrial products and industrial