

HJ

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**Technical specifications for application and issuance of
pollutant permit polyvinylchloride (PVC) industry**

排污许可证申请与核发技术规范 聚氯乙烯工业

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Foreword

To implement the Law of the People's Republic of China on Environmental Protection, the Law of the People's Republic of China on the Prevention and Control of Water Pollution, Law on Prevention and Control of Gas Pollution, Laws and Regulations on Soil Pollution Prevention and Control of the People's Republic of China, 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 standardize the application and issuance of pollutant discharge permits for PVC industrial units Work to develop this standard.

This standard stipulates the requirements for the basic situation of the application of the

PVC industrial discharge permit and the issued pollutant discharge unit, and the permitted emission limit.

Determination, actual emissions accounting method, compliance determination method, and self-monitoring, environmental management ledger, and discharge permit execution report Management requirements, put forward the feasible technical requirements for the prevention and control of PVC industrial pollution.

Appendix A, Appendix B and Appendix C 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. Beijing Environmental and Environmental Engineering Design Institute, China Chlor-Alkali Industry Association, China University of Mining and Technology (Beijing), China Tianchen Engineering Co., Ltd., Environmental Engineering Evaluation Center of the Ministry of Ecology and Environment, and Foreign Cooperation and Exchange Center of the Ministry of Ecology and Environment.

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 specifications Polyvinyl chloride industry

1 Scope of application

This standard stipulates the requirements for the basic conditions of the application and issuance of PVC industrial discharge permits, the determination of the allowable emission limits, and the actual Environmental management requirements for emissions accounting, compliance determination techniques, and self-monitoring, environmental management ledgers, and discharge permit execution reports, the feasible technical requirements for the prevention and control of PVC industrial pollution were put forward.

This standard is applicable to guide the industrial discharge unit of PVC to report the "Application for Pollution Discharge Permit" and the management information of sewage discharge permit in the country.

The platform shall fill in the relevant application information and shall be applicable to guide the issuing authority to review and determine the requirements for the discharge permit of the PVC industrial sewage unit.

This standard is applicable to the discharge permit management of pollutants and atmospheric pollutants discharged from PVC industrial discharge units.

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

Applicable to the Notice 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) Annex 1 "Technical Specifications for Application and Issuance of Pollution Discharge Permits for Thermal Power Industry"; Implementation of "Boiler Air Pollutant Emission Standards" (GB) the production facilities and discharges of 13271) are applicable to the "Drainage Permit Application and Issuance Technical Specification Boiler" (HJ 953).

PVC industrial platoons that are not specified in this standard but emit atmospheric pollutants, water pollutants and toxic and harmful pollutants specified by the state.

Other pollution-producing facilities and discharge outlets of sewage units shall be implemented with reference to the General Rules for the Application and Issuance 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 latest edition applies to this standard.

GB 8978 Integrated Wastewater Discharge Standard 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 18484 Hazardous Waste Incineration Pollution Control Standard GB 18597 Hazardous Waste Storage Pollution Control Standard GB 18599 General industrial solid waste storage and disposal site pollution control standards GB 37822 Volatile Organic Compounds Unorganized Emission Control Standard GB/T 15432 Determination of total airborne particulate matter - Gravimetric method GB/T 16157 Determination of particulate matter in fixed pollution source exhaust gas and sampling method of gaseous pollutants HJ/T 38 Determination of non-methane total hydrocarbons in fixed source s HJ/T 55 Technical Guidelines for the Monitoring of Unorganized Emissions of Air Pollutants 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 stationary pollution source flue gas (SO₂, NO_x, particulate matter) HJ/T 91 Surface Water and Wastewater Monitoring Technical Specifications HJ/T 92 Water Pollutant Total Monitoring Technical Specification HJ 194 Technical Specifications for Manual Air Quality Monitoring HJ 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 373 Technical Specifications for Quality Assurance and Quality Control of Fixed Pollution Source Monitoring (Trial) HJ/T 397 Fixed Source Exhaust Gas Monitoring Technical Specification HJ 493 Water quality Sample preservation and management technical regulations HJ 494 Water Quality Sampling Technical Guidance HJ 495 water quality sampling plan design technical regulations HJ 608 sewage unit coding rules HJ 732 Fixed source pollution, sampling of volatile organic compounds HJ 819 Self-monitoring technical guide for sewage disposal units HJ 917 Fixed source pollution gas Determination of gaseous mercury Activated carbon adsorption/thermal cracking atomic absorption spectrophotometry HJ 942 Sewage Permit Application and Issuance Technical Specifications General Technical Specifications for HJ 944 Emissions Unit Environmental Management Account and Emission Permit Execution Report General (Trial) HJ 953 Sewage Permit Application and Issuance Technical Specification Boiler HJ 2051 Technical specification for caustic soda and polyvinyl chloride industrial wastewater treatment engineering "List of classified management of fixed pollution source discharge permits" Measures for the Management of Pollution Discharge Permits (Trial) (Order No. 48 of the Ministry of Environmental Protection) Technical Requirements for Standardized Remediation of Sewage Discharges (Trial) (National Environmental Protection Agency Environmental Supervision [1996] No. 470) Measures for the Operation and Management of Automatic Monitoring Facilities for Pollution Sources (Huanfa [2008] No. 6) Announcement on the Implementation of Special Emission Limits for Air Pollutants (Notified by the Ministry of Environmental Protection No. 14 of 2013) Notice of the General Office of the State Council on Strengthening Environmental Supervision and Enforcement (Guo Ban Fa [2014] No. 56) "Technical Policy on Prevention and Control of Mercury Pollution" (Organization of the Ministry of Environmental Protection No. 90 of 2015) "13th Five-Year Plan" Ecological Environmental Protection Plan (Guo Fa [2016] No. 65) Notice of the General Office of the State Council on Printing and Distributing the Implementation Plan for the Control of Pollutant Discharge Permit System (Guo Ban Fa [2016] No. 81) 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) Notice on Strengthening the Relevant Issues Concerning the Automatic Monitoring of Elevated Pollutants in Beijing-Tianjin-Hebei Region (Circular Office of the Environmental Protection Agency [2016] No. 1488) Notice on Strengthening Prevention and Control of Nitrogen and Phosphorus Pollution from Fixed Pollution Sources (Circular Water Body [2018] No. 16) the Minamata Convention on Mercury Notice on Promulgating Samples of Emission Permits, Sewage Permit Application Forms and Emission Permit Formats (Circular Regulations [2018] no. 80)