

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

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**Technical specification for application and issuance of
pollutant permit Battery industry**

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(English Translation)

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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 Prevention and Control of Atmospheric Pollution Laws and Regulations of the People's Republic of China on Water Pollution Prevention and Control, and the General Office of the State Council on Printing and Distributing Control of Pollutant Discharge Permits Notice of the Scheme (Guo Ban Fa [2016] No. 81) and the Measures for the Administration of Pollution Discharge Permits (Trial) (Organization of the Ministry of Environmental Protection) no. 48), improve the technical support system for pollutant discharge permit, and guide the application and issuance of pollutant discharge permit for battery industry sewage disposal units.

Develop this standard.

This standard stipulates the basic conditions for reporting the discharge unit of the battery industry, the determination of the permitted emission limit, and the actual emission.

Calculation and compliance determination methods, as well as environmental management requirements such as self-monitoring, environmental management ledgers, and discharge permit execution reports, the feasible technical requirements for pollution prevention and control of the battery industry sewage unit were put forward.

Appendix A, Appendix B and Appendix C of this standard are informative annexes.

This standard is the first release.

This standard was formulated by the Ministry of Ecology and Environment.

This standard is mainly drafted by. China Light Industry Cleaner Production Center, Environmental Protection Department of Environmental Protection Department, China Environmental Department Institute of Research, Light Industry Chemical Power Research Institute, Guolian Automotive Power Battery Research Institute Co., Ltd., Beijing Quanhua Environmental Protection Technical Standards Research Center.

This standard is approved by the Ministry of Ecology and Environment on September 23, 2018.

This standard has been implemented since September 23, 2018.

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

Sewage permit application and issuance technical specification battery industry

1 Scope of application

This standard stipulates the requirements for the basic situation of the application and issuance of the battery industry sewage permit, and the permit emission limit is indeed Technical methods for accounting, compliance accounting, and compliance determination, as well as self-monitoring, environmental management ledgers, and discharge permits Environmental management requirements such as reporting, and put forward technical requirements for battery industry pollution prevention and control.

This standard is applicable to guide the battery industry pollutant discharge unit to fill in the "Sewage Permit Application Form" and fill in the relevant application letter online.

Interest, and at the same time, it is applicable to guide the nuclear environmental protection department to review and determine the discharge permit requirements of the battery industry sewage unit.

This standard is applicable to the discharge permit management of atmospheric pollutants and water pollutants discharged by the battery industry sewage unit.

In the battery industrial sewage unit, the production facility of the "Fire Power Plant Air Pollutant Emission Standard" (GB 13223) is implemented.

Or the discharge port, applicable to the "Technical Specification for Application and Issuance of Pollution Discharge Permits for Thermal Power Industry";

The production facilities or discharge ports of the Standard (GB 13271) shall be applicable to the application for the discharge permit and the issuance of technical specifications boilers.

(HJ 953).

A battery worker who does not stipulate this standard but emits atmospheric pollutants,

water pollutants, and toxic and harmful pollutants specified by the state.

For other sewage facilities and discharge outlets of industrial sewage disposal units, refer to the General Rules for Application and Issuance of Pollution Discharge Permits (HJ 942) carried out.

2 Normative references

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

Used in this standard.

GB 13223 Thermal Power Plant Emission Standards for Thermal Power Plants GB 13271 Boiler Air Pollutant Emission Standard GB 30484 Battery Industry Pollutant Emission Standard GB/T 16157 Determination of particulate matter in fixed pollution source exhaust gas and sampling method of gaseous pollutants Determination of total hydrocarbons, methane and non-methane total hydrocarbons from stationary sources - Gas chromatographic method 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 fixed pollution source flue gas (SO₂, NO_x, particulate matter) HJ 494 Water Quality Sampling Technical Guidance HJ 495 water quality sampling plan design technical regulations HJ 608 sewage unit coding rules HJ 630 Environmental Monitoring Quality Management Technical Guidelines HJ 762 lead water quality automatic online monitor technical requirements and testing methods HJ 763 Cadmium water quality automatic online monitor technical requirements and testing methods 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 944 Sewage Disposal Unit Environmental Management Account and Emission Permit Execution Report Technical Specifications General (Trial) 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 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 --- Self-monitoring technical guide for sewage disposal units Battery industry HJ --- Technical Guidelines for Battery Industry Pollution Prevention and Control Technical Requirements for Standardized Remediation of Sewage Discharges (Trial) (National Environmental Protection Bureau 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) Reply to the Relevant Issues Concerning the Implementation of Special Emission Limits for Air Pollutants (Environmental Office Letter [2016] No. 1087) Notice on Strengthening the Relevant Issues Concerning the Automatic Monitoring of High-Level Source Pollutants in Beijing-Tianjin-Hebei (Circular Office) [2016] 1488 number) Measures for the Management of Pollution Discharge Permits (Trial) (Order No. 48 of the Ministry of Environmental Protection) "List of classified management of fixed pollution source discharge permits" National Directory of Hazardous Wastes Notice on Issuing the Sample of the Emission Permit Certificate, the Sewage Permit Application Form and the Emission Permit Format

3 Terms and definitions

The following terms and definitions apply to this standard.

3.1 Battery industry emission unit pollutant emission unit of battery manufacturing industry

Production of lead storage batteries (ie lead-acid batteries), nickel-cadmium batteries, hydrogen-nickel batteries, zinc-manganese batteries, zinc-air batteries, zinc-silver Battery, lithium battery (ie lithium primary battery, including lithium manganese battery, lithium thionyl chloride battery), lithium ion battery, solar battery (ie Solar cells, including crystalline silicon solar cells, thin film solar cells, etc.

3.2 Permitted emission limits

The maximum emission concentration and discharge of pollutants allowed by the discharge unit specified in the discharge permit.

3.3 Special period special periods

According to the environmental quality deadlines compliance plan or other relevant environmental management documents formulated by the local people's government according to law, the sewage is discharged.

The time when the unit's pollutant discharge has special requirements, including the heavy pollution weather response period.

4.1 Basic principles

The battery industry sewage discharge unit shall report in the national pollutant discharge permit management information platform declaration system in accordance with the requirements of this standard.