

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

HJ1031-2019

**Technical specification for application and issuance of
pollutant permit - Electronics industry**

排污许可证申请与核发技术规范 电子工业

(English Translation)

Issued on: July 23, 2019

Implemented on: July 23, 2019

Issued by: Ministry of Ecology and Environment

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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 the Prevention and Control of Air Pollution, Law on Pollution Prevention and Control, Law of the People's Republic of China on Prevention and Control of Soil Pollution, and other laws and regulations of the General Office of the State Council on Printing and Controlling Pollutant Discharge Notice of the Implementation Scheme of the Licensing System (Guo Dang Fa [2016] No. 81) and the Measures for the Administration of Sewage Permits (Trial) (Organization of the Ministry of Environmental Protection, 48th no.), improve the technical support system for pollutant discharge permit, guide and standardize the application and verification of the discharge permit for the discharge unit of the electronic industry, and formulate this standard.

This standard stipulates the requirements for the application and issuance of the discharge permit for the discharge unit of the electronic industry, and the determination of the allowable emission limit.

Environmental accounting 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 electronic industry sewage disposal units are put forward.

Appendix A to Appendix F 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. China Electronic Engineering Design Institute Co., Ltd., China Academy of Environmental Sciences, China Electronic Information Industry Association Conference, Environmental Planning Institute of the Ministry of Ecology and Environment, Beijing Municipal Academy of Environmental Sciences.

This standard is approved by the Ministry of Ecology and Environment on July 23, 2019.

This standard has been implemented since July 23, 2019.

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

1 Sewage permit application and issuance technical specification electronic industry

1 Scope of application this standard stipulates the requirements for the application and issuance of the discharge permit for the discharge unit of the electronic industry, and the determination of the allowable emission limit.

Environmental accounting 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 electronic industry sewage disposal units are put forward. This standard is applicable to guide the discharge of pollutants in the electronics industry in the country.

The management information platform fills in the relevant application information, and is also applicable to the guidance of the discharge permit issuing department to review and determine the discharge of the electronic industrial pollutant discharge unit.

Licensing requirements.

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

industry with electroplating process the sewage unit is applicable to this standard.

In the electronic industry sewage disposal unit, the production facilities and discharge ports of the Boiler Air Pollutant Emission Standard (GB 13271) shall be implemented.

"Drainage permit application and issuance of technical specifications boiler" (HJ 953).

Other industries that do not stipulate this standard but discharge industrial waste water, waste gas or toxic and harmful pollutants specified by the state 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.

GB 8978 Integrated Wastewater Discharge Standard GB 13271 Boiler Air Pollutant Emission Standard GB/T 16157 Determination of particulate matter in fixed pollution source exhaust gas and sampling method of gaseous pollutants GB 16297 Integrated emission standards for atmospheric pollutants GB 18597 Hazardous Waste Storage Pollution Control Standard GB 37822 Volatile Organic Compounds Unorganized Emission Control Standard GB -- Electronic industry pollutant discharge standards 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 298 Hazardous Waste Identification Technical Specification 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 2HJ 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 521 Wastewater Discharge Code (Trial) HJ 608 sewage unit coding rules HJ 732 Sampling air bag method for fixed volatile waste gas 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 unit environmental management ledger and discharge permit implementation report technical specification general (trial) HJ 953 Sewage Permit Application and Issuance Technical Specification Boiler Notice of the State Council on Printing and Distributing the Three-Year Action Plan for Winning the Blue Sky Defence War (Guo Fa [2018] No. 22) Notice of the State Council on Printing and Distributing the 13th Five-Year Plan for Ecological Environmental Protection (Guo Fa [2016]

No. 65) Measures for the Management of Pollution Discharge Permits (Trial) (Order No. 48 of the Ministry of Environmental Protection) National Directory of Hazardous Wastes (Order No. 39 of the Ministry of Environmental Protection) "List of Toxic and Harmful Air Pollutants" (Provision of the Ministry of Ecology and Environment, No. 4 of 2019) Announcement on the Implementation of Special Emission Limits of Air Pollutants in the Beijing-Tianjin-Hebei Air Pollution Transmission Channel City (Ministry of Environmental Protection) Announcement No. 9 of 2018) "List of Priority Control Chemicals (First Batch)" (Ministry of Environmental Protection Announcement No. 83 of 2017) Announcement on the Implementation of Special Emission Limits for Air Pollutants (Organization of the Ministry of Environmental Protection No. 14 of 2013) "Technical Policy for the Control of Volatile Organic Compounds (VOCs) Pollution" (No. 31 of the Ministry of Environmental Protection, 2013) Notice on Strengthening Prevention and Control of Nitrogen and Phosphorus Pollution from Fixed Pollution Sources (Circular Water Body [2018] No. 16) Reply to the Relevant Issues Concerning the Implementation of Special Emission Limits for Air Pollutants (Environmental Office Letter [2016] No. 1087) Measures for the Operation and Management of Automatic Monitoring Facilities for Pollution Sources (Huanfa [2008] No. 6) Technical Requirements for Standardized Remediation of Sewage Discharges (Trial) (Environmental Supervision [1996] No. 470) "List of classified management of fixed pollution source discharge permits"

3 Terms and definitions

The following terms and definitions apply to this standard.

3.1 Electronic industry pollutant discharge unit electronics industry pollutant emission unit

Refers to the sewage unit engaged in the production of computers, electronic devices, electronic components and electronic special materials, and other electronic equipment.

3.2 Computer manufacturing pollutant discharge unit

Refers to the production of computer machines, computer parts, computer peripherals, industrial control computers and systems, information security equipment and other computer sewage units.

3.3 Electronic device manufacturing pollutant emission unit

3 refers to the production of electronic vacuum devices, semiconductor discrete devices, integrated circuits, display devices, semiconductor lighting devices, optoelectronic devices and other electronic device discharge units.