

HJ

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Technical specification for application and issuance of pollutant permit on industrial furnace

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Foreword

In order to implement the Environmental Protection Law of the People's Republic of China, the Air Pollution Prevention and Control Law of the People's Republic of China, the Water Pollution Prevention and Control Law, the Soil Pollution Prevention and Control Law of the People's Republic of China, and other laws and regulations, and the General Office of the State Council on Issuing the Control of Pollutant Discharge Notice on the Implementation Plan of the Permit System (Guobanfa [2016] No. 81) and the "Administrative Measures for Pollution Discharge Permits (for Trial Implementation)" (Order No.

48), improve the technical support system for pollutant discharge permits, guide and standardize the application and issuance of pollutant discharge permits of industrial furnaces this standard.

This standard specifies the basic requirements for the application and issuance of pollutant discharge permits for industrial furnaces and kilns, the determination of permitted discharge limits, Actual emissions accounting, compliance determination methods and environmental management requirements such as self-monitoring, environmental management ledger, and pollution discharge permit execution report, Put forward the reference requirements of feasible technologies for pollution prevention and control.

Appendix A, Appendix B, Appendix C, Appendix D, and Appendix E of this standard are informative appendices.

This standard is issued for the first time.

This standard is formulated by the Department of Environmental Impact Assessment and Emission Management and the Department of Regulations and Standards of the Ministry of Ecology and Environment.

Drafting organizations of this standard. Environmental Engineering Evaluation Center of Ministry of Ecology and Environment, China Building Materials Research Institute Co., Ltd., Beijing Mining and Metallurgy Technology Group Co., Ltd., Beijing Guohuan Environmental Technology Co., Ltd., China Automotive Industry Engineering Co., Ltd., Shenyang Aluminum Magnesium Design Research Academy Co., Ltd.

This standard was approved by the Ministry of Ecology and Environment on March 27, 2020.

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

Pollutant discharge permit application and issuance of technical specifications for industrial furnaces

1 Scope of application

This standard specifies the basic requirements for the application and issuance of a pollutant discharge permit for industrial furnaces and kilns.

Limit determination, actual emission calculation, compliance determination method, self-monitoring, environmental management ledger and emission permit execution Reports and other environmental management requirements put forward reference requirements for feasible technologies for pollution prevention and control.

This standard applies to guide industrial furnaces and kilns pollutant discharge units to fill in and report on the national pollutant discharge permit management information platform and industrial furnaces and kilns.

Relevant application information is applicable to guide the issuing authority to review and determine the corresponding permit requirements for the pollutant discharge permit of industrial furnaces and kilns.

begging. This standard is applicable to the management of permits for the discharge of air pollutants and water pollutants related to industrial furnaces and kilns.

This standard applies to industrial furnaces and kilns that discharge pollutants, and other relevant pollutants can be implemented with reference to this standard. Related industry pollution After the release of the emission standards, the production and discharge links, the types of pollutants, the basis for determining the permitted limits, and the monitoring requirements shall follow its regulations.

The relevant requirements for the operation and management of solid waste will be fixed in the "Environmental Pollution Prevention Law of the People's Republic of China" the waste will be implemented after being included in the discharge permit management.

2 Normative references

This standard quotes the terms in the following documents. For undated references, the latest version applies to this standard.

GB 5085 Identification Standard for Hazardous Waste GB 8978 Integrated Wastewater Discharge Standard GB 9078 Emission Standard of Air Pollutants for Industrial Furnaces GB 16297 Comprehensive Emission Standard of Air Pollutants GB 18597 Pollution Control Standard for Hazardous Waste Storage GB 18599 Pollution control standard for general industrial solid waste storage and disposal sites GB/T 4754 Classification of National Economic Industries GB/T 16157 Determination of particulate matter in exhaust from stationary sources and sampling method for gaseous pollutants GB/T 31962 Water quality standards for sewage discharged into urban sewers HJ/T 55 Technical Guidelines for Monitoring Unorganized Emissions of Air Pollutants HJ 75 Technical Specification for

Continuous Monitoring of Smoke (SO₂, NO_x, Particulate Matter) Emissions from Stationary Pollution Sources HJ 76 Technical requirements and detection methods of continuous monitoring system for emission of stationary pollution source flue gas (SO₂, NO_x, particulate matter) HJ 91.1 Technical Specification for Wastewater Monitoring HJ/T 353 Water Pollution Source Online Monitoring System Installation Technical Specification (Trial) HJ/T 355 Water Pollution Source Online Monitoring System Operation and Assessment Technical Specification (Trial) HJ/T 356 Technical Specification for Data Validity Judgment of Online Water Pollution Source Monitoring System (Trial) HJ/T 373 Fixed pollution source monitoring quality assurance and quality control technical specifications (trial implementation) HJ/T 397 Fixed source exhaust gas monitoring technical specification HJ 493 Technical Regulations for Storage and Management of Water Quality Samples HJ 494 Technical Guide for Water Quality Sampling HJ 495 Technical Regulations for Water Quality Sampling Scheme Design HJ 521 Wastewater Discharge Law Code (Trial) HJ 608 Code Rules for Pollutant Discharge Units HJ 819 General Rules of Technical Guidelines for Self-monitoring of Pollutant Discharge Unit HJ 942 General Rules of Technical Specifications for Pollution Discharge Permit Application and Issuance "Technical Requirements for Standardized Remediation of Sewage Outlets (Trial)" (Environmental Supervision [1996] No. 470) "Administrative Measures for the Operation of Automatic Monitoring Facilities for Pollution Sources" (Huanfa [2008] No. 6) "Notice on Printing and Distributing the "Comprehensive Treatment Plan for Air Pollution in Industrial Furnaces" (Huan Qiqi [2019] No. 56) "Administrative Measures for Pollution Discharge Permits (Trial)" (Ministry of Environmental Protection Order No. 48) "List of Classification Management of Discharge Permits for Fixed Pollution Sources"

3 Terms and definitions

The following terms and definitions apply to this standard.

3.1 Industrial furnace

Refers to the use of heat generated by fuel combustion or electric energy conversion in industrial production to smelt materials or workpieces in it, Thermal equipment for roasting, melting, heating, etc.

3.2 Industrial furnace emission unit

Refers to the application for a permit in accordance with the general procedures of industrial furnaces and kilns in accordance with the provisions of the "List of Classification Management of Permits for Discharge of Fixed Pollution Sources" the sewage unit.