

HJ

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**Technical specification for application and issuance of
pollutant permit - Graphite and nonmetallic mineral products
industry**

排污许可证申请与核发技术规范 石墨及其他非金属矿物制品制造
(English Translation)

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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 "Prevention Law" and other laws and regulations, as well as the "Notice of the General Office of the State Council on Printing and Distributing the Implementation Plan of the Permit System for Controlling Pollutant Discharge" (National Banfa [2016] No. 81) and the "Administrative Measures for Pollution Discharge Permits" (for trial implementation) (Ministry of Environmental Protection Order No. 48) to improve technical support for pollutant discharge permits this standard is formulated to guide and standardize the application and issuance of pollutant discharge permits for the manufacture of graphite and other non-metallic mineral products.

This standard stipulates the basic information filling requirements, the determination of permitted emission limits, and the actual Methods for international emissions accounting and compliance determination, as well as environmental management requirements such as self-monitoring, environmental management ledgers, and pollution discharge permit implementation reports, the reference requirements of feasible technologies for the pollution prevention and control of graphite and other non-metallic mineral products manufacturing units are put forward.

Appendix A to 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.

1 Scope of application

This standard specifies the basic requirements for the application and issuance of pollutant discharge permits for the manufacture of graphite and other non-metallic mineral products.

Requirements, allowable emission limit determination, actual emission calculation, technical methods for compliance determination, as well as self-monitoring, environmental management accounting and pollution discharge Environmental management requirements such as the permit implementation report put forward feasible technical requirements for pollution prevention and control of pollutant discharge units manufactured by graphite and other non-metallic mineral products.

This standard is applicable to guide graphite and other non-metallic mineral products manufacturing pollutants to fill in the information on the national pollutant discharge permit management information platform.

The relevant application information is also applicable to guide the pollutant discharge permit issuance department to review and determine the discharge of graphite and other non-metallic mineral products.

Pollution permit licensing requirements.

This standard is applicable to the management of pollutant discharge permits for air pollutants and water pollutants discharged by pollutant discharge units from the manufacture of graphite and other non-metallic mineral products.

In the pollutant emission units manufacturing graphite and other non-metallic mineral products, the "Emission Standard of Air Pollutants for Thermal Power Plants" (GB 13223) shall be implemented the production facilities and discharge outlets are applicable to the "Technical Specification for Pollution Discharge Permit Application and Issuance of Thermal Power" (HJ xxx); implementation of "Boiler Air Pollution the production facilities and discharge outlets of the "Dewage Discharge Standard" (GB 13271) are applicable to the "Pollution Discharge Permit Application and Issuance Technical Specification Boiler" (HJ 953).

Graphite and other non-metals that emit atmospheric pollutants, water pollutants, and toxic and harmful pollutants specified by the state that are not specified in this standard for other pollution-producing facilities and discharge outlets of the pollutant-discharging unit of mineral products, refer to the "General Rules for the Application and Issuance of Pollution Permits" (HJ 942).

2 Normative references

The content of this standard refers to the following documents or their clauses. For undated reference documents, their valid versions are applicable to this standard.

GB 8978 Integrated Wastewater Discharge Standard GB 9078 Emission Standard of Air Pollutants for Industrial Furnaces GB 13223 Emission Standard of Air Pollutants for Thermal Power Plants GB 13271 Boiler Air Pollutant Emission Standard GB 14554 Emission Standard of Odor Pollutants GB 16297 Comprehensive Emission Standard of Air Pollutants GB 18597 Pollution Control Standard for Hazardous Waste Storage GB 25465 Pollutant Emission Standard for Aluminum Industry 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 HJ/T 55 Technical Guidelines for Monitoring Unorganized Emissions of Air Pollutants 2HJ 75 Technical specification for continuous monitoring of emission of stationary pollution source flue gas (SO₂, NO_x, particulate matter) HJ 76 Technical requirements and testing methods for continuous monitoring system for emission of stationary pollution source flue gas (SO₂, NO_x, particulate matter) HJ/T 91 Technical specification for surface water and sewage monitoring HJ/T 194 Technical specification for manual monitoring of ambient air quality

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 HJ 944 General Rules of Technical Specifications for Environmental Management Ledger and Pollution Discharge Permit Implementation Report of Pollutant Discharge Units (Trial) HJ 953 Sewage discharge permit application and issuance of technical specifications for boilers HJ xxx Pollution Discharge Permit Application and Issuance Technical Specification Thermal Power "List of Toxic and Hazardous Air Pollutants" (Announcement No. 4, 2019 of the Ministry of Ecology and Environment) "List of Toxic and Harmful Water Pollutants (First Batch)" (Ministry of Ecology and Environment Announcement No. 28 of 2019) "Announcement on the Implementation of Special Emission Limits for Air Pollutants in Beijing-Tianjin-Hebei Air Pollution Transmission Channel Cities" (Ministry of Environmental Protection Announcement (No. 9 of 2018) "List of Priority Controlled Chemicals (First Batch)" (Announcement No. 83 of 2017 of the Ministry of Environmental Protection) "Announcement on the Implementation of Special Emission Limits for Air Pollutants" (Announcement No. 14 of 2013 by the Ministry of Environmental Protection) "Announcement on Issuing the Amendments to Six Pollutant Emission Standards including (GB 25465-2010)" (Announcement No. 79 of 2013 of the Ministry of Environmental Protection) "Notice on Printing and Distributing the "Comprehensive Treatment Plan for Air Pollution in Industrial Furnaces" (Huan Qiqi [2019] No. 56) "Reply to Issues Concerning the Implementation of Special Emission Limits for Air Pollutants" (Huanban Qiqihan [2016] No. 1087) "Administrative Measures for the Operation of Automatic Monitoring Facilities for Pollution Sources" (Huanfa [2008] No. 6) "Technical Requirements for Standardized Remediation of Sewage Outlets (for Trial Implementation)" (Huan Jian [1996] No. 470) "List of Classification Management of Discharge Permits for Fixed Pollution Sources" "Administrative Measures for Pollution Discharge Permits (Trial)" (Ministry of Environmental Protection Order No. 48)

3 Terms and definitions

The following terms and definitions apply to this standard.

33.1 Pollutant emission unit of graphite and nonmetallic manufacturing of graphite and other nonmetallic mineral products mineral products industry Refers to the pollutant discharge units engaged in the manufacture of 309 graphite and other non-metallic mineral products in the "Classification of National Economic Industries" (GB/T 4754).