

HJ

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

HJ 1104-2020

**Technical specification for application and issuance of
pollutant permit - Daily chemical products manufacturing
industry**

排污许可证申请与核发技术规范 日用化学产品制造工业
(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 Law of the People's Republic of China", "China the Water Pollution Prevention and Control Law of the People's Republic of China, the Soil Pollution Prevention and Control Law of the People's Republic of China and other laws and regulations, the Office of the State Council Department's Notice on Issuing the Implementation Plan for the Control of Pollutant Discharge Permit System (Guobanfa [2016] No. 81) and the "Pollution Permit Manageable Measures (for Trial Implementation)" (Ministry of Environmental Protection Order No. 48) to improve the technical support system for pollutant discharge permits, guidance and regulations this standard is formulated for the application and issuance of industrial pollutant discharge permits for the manufacture of daily chemical products.

This standard stipulates the basic conditions for the application and issuance of the pollutant discharge permit of the industrial pollutant discharge unit of the daily chemical

product manufacturing industry.

Requirements, allowable emission limit determination, actual emission accounting and compliance determination methods, as well as self-monitoring, environmental management Environmental management requirements such as accounting and pollution discharge permit implementation report, and put forward feasible technologies for the prevention and control of industrial pollution in the manufacture of daily chemical products Claim.

Appendix A to Appendix C 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.

The main drafting organizations of this standard. Light Industry Environmental Protection Research Institute, China Laundry Products Industry Association, China Environmental Science Research Institute, China Fragrance, Fragrance and Cosmetics Industry Association, Light Industry Hangzhou Electromechanical Design and Research Institute Co., Ltd.

Clean Care Products Industry Association.

This standard was approved by the Ministry of Ecology and Environment on February 28, 2020.

This standard will be implemented on February 28, 2020.

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

1 Technical specifications for pollutant discharge permit application and issuance

Household chemical products manufacturing industry

1 Scope of application this standard stipulates the basic conditions for the application and issuance of the pollutant discharge permit of the industrial pollutant discharge unit of the daily chemical product manufacturing industry.

Requirements, allowable emission limit determination, actual emission accounting and compliance determination methods, as well as self-monitoring, environmental management Environmental management requirements such as accounting and pollution discharge permit implementation report, and put forward feasible technical requirements for the prevention and control of industrial pollution in the manufacture of daily chemical products.

This standard is applicable to guide the daily chemical product manufacturing industrial pollutant units to fill in the national pollutant discharge permit management information

platform Report relevant application information, which is suitable for guiding the issuing authority to review and determine the pollutant discharge permit of the industrial pollutant discharge unit of the daily chemical product manufacturing industry Licensing requirements.

This standard is applicable to the permits for the discharge of water pollutants and air pollutants discharged by the industrial pollutant discharge unit of the daily chemical product manufacturing industry Management, specifically including soap and detergent manufacturing (C2681) and manufacturing in the "Classification of National Economic Industries" (GB/T 4754) Spice and flavor manufacturing (C2684). In the household chemical product manufacturing industrial sewage unit, the soap (including oil the production of fatty acid and glycerin contained in soap, soap noodles, soap powder) is applicable to the production of this standard.

Industrial fatty acids, industrial fatty amines, surfactants, as well as special chemical products such as turpentine, rosin, and forest oils the pollution-producing facilities and discharge outlets for the production of chemical products shall be applicable to the "Special chemical product manufacturing process Industry" (HJ 1103); pollution-producing facilities or discharge outlets that implement the "Boiler Air Pollutant Emission Standard" (GB 13271), Applicable to "Sewage Discharge Permit Application and Issuance Technical Specification Boiler" (HJ 953).

This standard does not make provisions, but discharges industrial waste water, waste gas, or daily chemicals that are toxic and harmful pollutants specified by the state for other pollution-producing facilities and discharge outlets of the product manufacturing industry, refer to the "General Rules for the Application and Issuance of Pollutant Discharge Permits" (HJ 942).

2 Normative references

The content of this standard refers to the following documents or their clauses. For undated references, the effective version is suitable Used in this standard.

GB 8978 Integrated Wastewater Discharge Standard 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 18599 General industrial solid waste storage and disposal site pollution control standards GB 37822 Unorganized emission control standard of volatile organic compounds GB/T 16157 Determination of particulate matter in exhaust from stationary sources and sampling method for gaseous pollutants HJ 38 Determination of total hydrocarbons, methane and non-methane total hydrocarbons in stationary pollution sources gas chromatography 2HJ/T 55 Technical Guidelines for Monitoring Unorganized Emissions of Air Pollutants HJ 91.1 Technical Specification for Wastewater Monitoring HJ/T 353 Water Pollution Source Online Monitoring System Installation Technical Specification (Trial) HJ/T 354 Technical Specification for Acceptance of Online Water Pollution Source

Monitoring System (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 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 604 Determination of Ambient Air Total Hydrocarbons, Methane and Non-Methane Total Hydrocarbons Direct Sampling-Gas Chromatography 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 "Notice of the State Council on Printing and Distributing the Three-Year Action Plan for Winning the Blue Sky Defense War" (Guo Fa [2018] No. 22) "National Hazardous Waste List" "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) "Technical Requirements for Standardized Remediation of Sewage Outlets (Trial)" (Environmental Supervision [1996] No. 470 of the State Environmental Protection Administration) "Announcement on the Implementation of Special Emission Limits for Air Pollutants" (Announcement No. 14 of 2013 by the Ministry of Environmental Protection) "Reply to Issues Concerning the Implementation of Special Emission Limits for Air Pollutants" (Huanban Qiqihan [2016] No. 1087) "List of Priority Controlled Chemicals" (Ministry of Environmental Protection, Ministry of Industry and Information Technology, National Health and Family Planning Commission (Announcement No. 83 of 2017) "Announcement on the Implementation of Special Emission Limits for Air Pollutants in Beijing-Tianjin-Hebei Air Pollution Transmission Channel Cities" (Environmental Protection Ministry Announcement No. 9 of 2018)

3 Terms and definitions

The following terms and definitions apply to this standard.

3.1 Pollutant emission unit of daily chemical products

manufacturing industry Refers to the sewage disposal unit engaged in the manufacture of soap and detergents, spices, flavors and other products.

The manufacture of soap and detergent refers to applying to the skin, utensils, fabrics, hard surfaces by spraying, smearing, soaking, etc.