

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

HJ 1030.3-2019

**Technical specification for application and issuance of pollutant permit
Food manufacturing industry - Convenience food manufacturing
industry, food and feed additives manufacturing industry
(English Translation)**

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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 Distributing Control of Pollutant Emissions Notice of the Implementation Scheme of the Licensing System (Guo Dang Fa [2016] No. 81), "Administrative Measures for Sewage Permits (Trial)" (Organization of the Ministry of Environmental Protection) no. 48), improve the technical support system for pollutant discharge permit, guide and standardize the application for convenient industrial sewage permit for food, food and feed additive manufacturing Develop this standard with the issuance work.

This standard specifies the basic conditions for the application and issuance of pollutant discharge permits for industrial pollutant discharge units in the manufacture of food, food and feed additives.

Requirements, permitted emission limit determination, actual emissions accounting and compliance determination methods, as well as self-monitoring, environmental management ledgers and discharge permits the environmental management requirements such as the implementation report of the certificate, and the feasible technical reference requirements for the industrial pollution prevention and control of food, food and feed additive manufacturing are proposed.

Appendix A to Appendix C 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 Academy of Environmental Sciences, China Light Industry Association, Shenyang Chemical Research Institute Co., Ltd., light industry Environmental Protection Research Institute.

This standard is approved by the Ministry of Ecology and Environment on August 13, 2019.

This standard has been implemented since August 13, 2019.

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

Sewage permit application and issuance technical specifications Food manufacturing industry - convenience food, food and feed additive manufacturing industry

1 Scope of application

This standard specifies the basic conditions for the application and issuance of pollutant discharge permits for industrial pollutant discharge units in the manufacture of food, food and feed additives.

Requirements, permitted emission limit determination, actual emissions accounting and compliance determination methods, as well as self-monitoring, environmental management ledgers and discharge permits the environmental management requirements such as the implementation report of the certificate, and the feasible technical reference requirements for the industrial pollution prevention and control of food, food and feed additive manufacturing are proposed.

This standard applies to the guidance of convenient food, food and feed additive manufacturing industrial sewage units in the national sewage permit management information platform Report relevant application information, and at the same time, it is applicable to guide the issuing authority to review and determine the pollutant discharge of industrial pollutant discharge units in convenient food, food and feed additive manufacturing industries.

License licensing requirements.

This standard is applicable to the discharge of atmospheric pollutants and water pollutants emitted by industrial sewage units in the convenience food, food and feed additive manufacturing industries.

Manageable. Convenient soup production, monosodium glutamate, yeast, citric acid, lysine production for "sewage permit application and nuclear technology Manufacturing Industry - Condiment, Fermented Products Manufacturing Industry (HJ 1030.2); Frozen Water Products for Aquatic Products Processing Industry Emission Permit Application and

issuance of technical specifications; production of starch and starch products is applicable to the application of the sewage permit and the technical requirements for the issuance of agricultural and sideline food processing industries.

- Starch Industry (HJ 860.2); the production of flavors and fragrances is applicable to the application and issuance technical specifications for industrial pollutant discharge licenses for the manufacture of household chemicals;

The manufacture of inorganic salts for use as food and feed additives is applicable to the application and emission specifications of the inorganic chemical industry.

In the industrial pollutant discharge unit for the convenience food, food and feed additive manufacturing, the "Emission Standard for Air Pollutants in Thermal Power Plants" (GB 13223) the sewage production facilities and discharge ports are applicable to the "Technical Specifications for Application and Issuance of Pollution Discharge Permits for Thermal Power Industry";

The pollution-producing facilities and discharges of the Standard (GB 13271) are applicable to the Boiler Permit Application and Issuance Technical Specification Boiler (HJ 953).

Convenient food, food and feed added without discharge of industrial waste water, waste gas or toxic and harmful pollutants specified by the State for the manufacture of 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 applies to this standard.

GB 8978 Integrated Wastewater Discharge Standard GB 9078 industrial furnace kiln air pollutant discharge standards GB 13223 Standard for emission of atmospheric pollutants from thermal power plants GB 13271 Boiler Air Pollutant Emission Standard GB 14554 Odor Pollutant Emission Standard GB 16297 GB 18483 Integrated emission standards for atmospheric pollutants Cooking industry soot emission standards (trial) GB/T 16157 Determination of particulate matter in fixed pollution source exhaust gas and sampling method of gaseous pollutants 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 494 Water Quality Sampling Technical Guidance HJ 495 water quality sampling plan design technical regulations HJ 521 Wastewater Discharge Code (Trial) HJ 608 HJ 819 Sewage unit coding rules General Guidelines for Self-monitoring Technical Guidelines for Sewage Units HJ 860.2 Sewage permit application and issuance technical specification Agricultural and sideline food processing industry - starch industry 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 HJ 1030.2 Application for Pollution Discharge Permit and Issuance Technical Specification Food Manufacturing Industry - Condiment, Fermented Product Manufacturing Industry "List of classified management of fixed pollution source discharge permits" Measures for the Management of Pollution Discharge Permits (Trial) (Order No. 48 of the Ministry of Environmental Protection) Technical Requirements for Standardized Remediation of Sewage Discharges (Trial) (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 (Organization of 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) Announcement on the Implementation of Special Emission Limits of Air Pollutants in the Beijing-Tianjin-Hebei Air Pollution Transmission Channel City (Promulgation of the Ministry of Environmental Protection.2018) no. 9 of the year)

3 Terms and definitions

The following terms and definitions apply to this standard.

Pollutant emission unit of convenience it refers to rice, wheat flour, miscellaneous grains and other foods as the main raw materials. It can be processed as a staple food with simple cooking.

A sewage disposal unit with convenient and easy storage.

Pollutant emission unit of food and feed manufacturing Industry Refers to the production of chemicals that increase or improve the characteristics of food, as well as the nutritional content of animal feed and the promotion of growth and disease control.

The unit of discharge of products such as agents. According to the raw materials and production process, food and feed additives are mainly divided into natural extraction additives and fermentation.

Additives and chemical synthesis additives. Among them, natural extraction additives refer