

HJ

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

HJ 1110-2020

**Technical specification for application and issuance of
pollutant permit - Farm and sideline food processing industry -
Feed processing industry, vegetable oil processing industry**

排污许可证申请与核发技术规范 农副食品加工工业-饲料加工、植物油加工工业

(English Translation)

Issued on: February 28, 2020

Implemented on: February 28, 2020

Issued by: Ministry of Ecology and Environment

Table of Contents

Foreword

1 Scope of application

2 Normative references

3 Terms and definitions

4 Requirements for the basic information of pollutant discharge units

5 Corresponding discharge outlets in the production and discharge process and methods for determining permitted discharge limits

6 Feasible technical requirements for pollution prevention

8 Environmental Management Ledger Record and Implementation Report Preparation Requirements

9 Accounting method of actual emissions

10 Compliance Judgment Method

Appendix A (informative appendix) Reference method for calculating the allowable discharge of wastewater pollutants

Appendix B (informative appendix) Reference table of feasible technologies for wastewater pollution prevention and control

Appendix C (Informative Appendix) Reference Table of Available Technologies for Waste Gas Pollution Prevention and Control

Appendix D (Informative Appendix) Reference Table for Environmental Management Ledger Records

Appendix E (Normative Appendix) Accounting Method of Actual Wastewater Pollutant Discharge

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, and the Office of the State Council Notice on Issuing the Implementation Plan of the Permit System for Controlling Pollutant Discharge (Guobanfa [2016] No. 81), 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 pollution discharge permits for feed processing and vegetable oil processing industries.

This standard stipulates the basic conditions for the application and issuance of pollutant discharge permits for feed processing and vegetable oil processing industries.

Reporting requirements, determination of permitted emission limits, 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 the prevention and control of industrial pollution in feed processing and vegetable oil processing Feasible technology reference requirements.

Appendix A to Appendix D of this standard are informative appendices, and Appendix E is a normative appendix.

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. Chinese Academy of Environmental Sciences, Light Industry Environmental Protection Research Institute, Chinese Academy of Agricultural Sciences.

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

Agricultural and sideline food processing industry-feed processing, vegetable oil processing industry

1 Scope of application this standard stipulates the basic conditions for the application and issuance of pollutant discharge permits for feed processing and vegetable oil processing industries.

Reporting requirements, determination of permitted emission limits, actual emission accounting and compliance determination methods, as well as self-monitoring and environmental management Environmental management requirements such as the ledger and the implementation report of pollution permits, and proposed the prevention and control of industrial pollution in feed processing and vegetable oil processing.

Technical reference requirements.

This standard is applicable to guide feed processing and vegetable oil processing industrial pollutants on the national pollutant discharge permit management information platform Fill in the relevant application information, and it is also suitable for guiding the approval authority to review and determine the feed processing and vegetable oil processing industrial pollutants Permit requirements for pollution discharge permits.

This standard applies to the air pollutants and water pollutants discharged by the feed processing and vegetable oil processing industries.

License management. The production of feed additives is applicable to the food manufacturing industry-convenience Food, food and feed additive manufacturing industry" (HJ 1030.3).

In feed processing and vegetable oil processing industrial pollutants, the "Emission Standard for Air Pollutants from Thermal Power Plants" (GB 13223) is implemented the pollution-producing facilities or discharge outlets are applicable to the "Technical Specifications for Application and Issuance of Pollution Permits for Thermal Power Industry";

The pollution-producing facilities and discharge outlets of the "Air Pollutant Discharge Standard" (GB 13271) are applicable to the "Pollution Discharge Permit Application and Issuance" Technical Specification for Boiler (HJ 953).

Feed processing and planting that are not specified in this standard but discharge industrial waste water, waste gas or toxic and harmful pollutants prescribed by the state for other pollution-producing facilities and discharge outlets of pollutant oil processing industries, 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 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 37822 Unorganized emission control standard of volatile organic compounds GB/T 10647-2008 Feed Industry Terminology HJ 91.1 Technical Specification for Wastewater Monitoring

23 Terms and definitions

The following terms and definitions apply to this standard.

Pollutant emission unit of feed processing industry Refers to the production and processing of agricultural and sideline products and their processed products as raw materials to prepare farms and farmers to raise livestock, poultry, and water the feed product needed for the product or the pollutant discharge unit that feeds the feed product needed for feeding cats, dogs, ornamental fish, birds and other small animals.

Pollutant emission unit of vegetable oil processing industry Refers to the pollutant discharge units that use various edible or non-edible vegetable oils to produce fats and oils and are engaged in the processing of refined edible oils.

Permitted emission limits Refers to the maximum discharge concentration (rate) and discharge volume of pollutants that are allowed to be discharged by the pollutant discharge unit specified in the pollution discharge permit.

Special periods

Refers to the environmental quality compliance plan formulated by the local people's government according to law or other relevant environmental management regulations, the pollutant discharge of pollutants has special requirements for the time period, including the response period of heavy pollution weather and the winter prevention period.

HJ 521 Wastewater Discharge Law Code (Trial) HJ 608 Code Rules for Pollutant Discharge Units HJ 860.2 Pollutant Discharge Permit Application and Issuance Technical Specification Agricultural and Sideline Food Processing Industry-Starch Industry HJ 942 General Rules of Technical Specifications for Pollution Discharge Permit Application and Issuance HJ 944 General Rules of Technical Specifications for Environmental Management Ledgers and Pollution Permit Implementation Reports of Pollutant Discharge Units (Trial) HJ 953 Sewage discharge permit application and issuance of technical specifications for boilers HJ 986 Technical Guide for Self-monitoring of Pollutant Discharge Units Agricultural and Sideline Food Processing Industry HJ 1030.3 Technical Specification for Application and Issuance of Pollution Discharge Permit Food Manufacturing Industry-Convenience Food, Food and feed additive manufacturing industry "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) "Announcement on Implementation of Special Emission Limits for Air Pollutants" (Announcement No. 14 of 2013 by the Ministry of Ecology and Environment) "Reply to Issues Concerning the Implementation of Special Emission Limits for Air Pollutants" (Huanban Qiqihan [2016] No. 1087) "Announcement on the Implementation of Special Emission Limits for Air Pollutants in Beijing-Tianjin-Hebei Air