

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

HJ 864.1-2017

**Technical specification for application and issuance of
pollutant permit Nitrogenous fertilizer industry**

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(English Translation)

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Foreword

In order to implement the "Law of the People's Republic of China on Environmental Protection" "Law of the People's Republic of China on Prevention and Control of Atmospheric Pollution" "People's Republic of China water Law of the People's Republic of China on Prevention and Control of Pollution "and the" Notice of the General Office of the State Council on Printing and Distributing the Implementation Plan for the Control of Permits for the Release of Pollutants "(Guo Ban Fa [2016]

81), improve the technical support system for sewage permits, guide and regulate the nitrogen fertilizer industry sewage treatment units to apply for the permit and the issuance of work, the formulation of this standard.

This standard specifies the application of the nitrogen fertilizer industry permit and the issuance of the basic situation of the sewage unit reporting requirements, allowable emission limits to determine the actual International emissions accounting methods, compliance methods and self-monitoring, environmental management accounting and sewage permits implementation report and other environmental management requirements, Proposed nitrogen fertilizer industrial pollution prevention and control of feasible technical requirements.

When the issuing authority issues a permit for sewage disposal, if it is located at a place prohibited by the laws and regulations that explicitly prohibit the construction area, the state or local government Regulations to be eliminated or banned nitrogen fertilizer industrial sewage units or production plants, should not be issued a sewage permit.

This standard Appendix A, Appendix B and Appendix C is an informative annex.

This standard is released for the first time.

This standard is formulated by the Ministry of Environmental Protection Planning and Finance Department, Science and Technology Standards Division.

This standard was drafted. MEP Environmental Engineering Assessment Center, China Huanqiu Engineering Co., Ltd., China Nitrogen Fertilizer Industry Association, China University of Petroleum (East China), Dalian University of Technology.

This standard MEP approved on September 29, 2017.

This standard since September 29, 2017 come into operation.

This standard is interpreted by the MEP.

1 sewage permit application and issuance of technical specifications Fertilizer Industry - nitrogen fertilizer

1 Scope of application

This standard specifies the application of the nitrogen fertilizer industry permit and the issuance of the basic situation of the sewage unit reporting requirements, allowable emission limits to determine the actual International emissions accounting methods, compliance methods and self-monitoring, environmental management accounting and sewage permits implementation report and other environmental management requirements, Proposed nitrogen fertilizer industrial pollution prevention and control of feasible technical requirements.

This standard applies to guide the nitrogen fertilizer industrial sewage units to fill out the "sewage permit application form" (Central Water [186] Annex 2) and fill in the relevant application information online, apply to guide the issuing authority to examine and approve the permission requirements of the nitrogen fertilizer industrial sewage permit.

This standard applies to the nitrogen fertilizer industrial wastewater discharge units discharge of pollutants and air pollutants permit management, including the production of synthetic ammonia and co Ammonia into raw materials for the production of urea, ammonium nitrate, ammonium bicarbonate and ammonia production enterprises or production facilities.

Among the nitrogenous fertilizer industrial sewage units, the production facilities and discharge ports that implement GB 13223 are applicable to the "Application and Certification of Sewage Discharge Permits for Thermal Power Industry (Central Water Body [2016] 189 Annex 1); Implementation of GB 13271 of the production facilities and discharges with reference to the implementation of this standard until the boiler the application for a permit for sewage and the issuance of technical specifications from its provisions.

This standard does not make provisions, but other industrial wastewater discharge, emissions or toxic and hazardous pollutants nitrogen fertilizer sewage treatment facilities and other sewage production facilities and Discharge port, with reference to "General Guidelines for Technical Guidelines for the Application and Issuance of Permits for Sewage Discharge".

2 Normative references

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

GB 9078 Industrial Furnace Air Pollutant Emission Standard GB 13223 Thermal Power Plant Air Pollutant Emission Standard GB 13271 Boiler air pollutant emission standards GB 13458 Ammonia Industrial Water Pollutant Emission Standard GB 14554 Odor pollutant emission standards GB 16171 coking chemical industrial pollutant discharge standards GB 16297 Integrated Air Pollutants Emission Standard Determination of Particulate Matter and Gaseous Pollutants in Exhaust of Fixed Pollution Sources GB/T 16157 HJ/T 55 Guidelines for Unorganized Emissions Monitoring of Air Pollutants HJ/T 75 Stationary Pollutant Source Discharge Continuous Monitoring Technical Specifications (Trial Implementation) HJ/T 76 Fixed Pollutant Source Discharge Continuous Monitoring System Technical Requirements and Testing Methods (Trial) HJ/T 91 Technical Specifications for Surface Water and Sewerage Monitoring HJ/T 212 pollution source online automatic monitoring (monitoring) system data transmission standards HJ/T 353 water pollution source on-line monitoring system installation technical specifications (Trial) HJ/T 354 water pollution source on-line monitoring system acceptance Technical Specifications (Trial) HJ/T 355 water pollution source on-line monitoring system operation and evaluation of technical specifications (Trial) HJ/T 356 Water Pollution Source Online Monitoring System Data Validation Technical Specifications (Trial) HJ/T 373 fixed pollution source monitoring quality assurance and quality control technical specifications (Trial) HJ/T 397 fixed source exhaust gas monitoring technical specifications 2HJ 493 Technical Specification for the Preservation and Management of Water Quality Samples HJ 494 water sampling technical guidance HJ 495 water quality sampling program design specifications HJ 819 Technical Guidelines for Self-Monitoring of Sewage Disposal Units General HJ 820 Self-Monitoring Technical Guidelines for Sewage Disposal Units Thermal Power Generation and Boilers HJ 853 sewage permit application and issuance of technical specifications of the petrochemical industry

3 Terms and definitions

The following terms and definitions apply to this standard.

3.1

nitrogen fertilizer industrial sewage unit nitrogenous fertilizer industry pollutant emission units Refers to the production of synthetic ammonia and synthetic ammonia as raw materials to produce urea, ammonium nitrate, ammonium bicarbonate and ammonia production enterprises or production facilities.

3.2 Permitted emission limits permitted emission limits

Refers to the maximum allowable emission concentration (rate) and emissions of pollutants permitted by the pollutant discharge unit as stipulated in the pollutant discharge permit.

3.3 Special periods special periods

Refers to the country and the local deadline for compliance planning and other relevant environmental management requirements, the pollutant discharge units have special requirements Period, including heavily polluted weather during the response.

4. The basic situation of the sewage unit to fill in the request

4.1 General Provisions

The pollutant discharging entity shall fill in the basic information according to the actual conditions and bear the legal liability for the authenticity, legality and completeness of the application materials submitted.

3 pollutant discharge units should be in accordance with the requirements of this standard, in the sewage permit management information platform to declare the system to fill in the "sewage permit application form" (Central Water Body [2016] 186 in Annex 2) in the corresponding information. Filing system drop-down menu is not included in the provisions of the local environmental protection department Need to fill in or sewage units that need to be reported, can add their own content.

4.2 Sewage unit basic situation

The basic information of the sewage disposal unit includes the name of the unit, zip code, industry type (nitrogen fertilizer industry when reporting), latitude and longitude of production and operation site Degree, whether the location belongs to the key area, whether put into production and commissioning date, EIA approval number (record number), identified or filed Symbol, the total amount of major pollutants distribution plan document symbol, the total amount of particulate matter indicators, total sulfur dioxide indicators, total nitrogen oxides indicators, Total Oxygen Demand Indicators, Ammonia Nitrogen Index, Other Total Amount of Targets (if any), etc.