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

HJ 846-2017

**Technical specification for application and issuance of
pollutant permit iron and steel industry**

排污许可证申请与核发技术规范 钢铁工业

(English Translation)

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Foreword

In order to implement the Environmental Protection Law of the People's Republic of China, the Law of the People's Republic of China on the Prevention and Control of Atmospheric Pollution, People's Republic of China Water Pollution Control Law "and other laws and regulations and the" General Office of the State Council on the issuance of control of pollutant discharge permit system (National Office issued [2016] 81), improve the sewage permit technical support system, to guide and regulate the iron and steel Industrial sewage unit sewage permit application and issuance work, the development of this standard.

This standard specifies the iron and steel industry sewage unit sewage permit application and the issuance of the basic requirements of the report, the permit emission Limit determination, actual emissions accounting, compliance determination method and self-monitoring, environmental management desk and sewage permit Line report and other environmental management requirements, put forward the iron and steel industry pollution control feasible technical requirements.

Issued by the issuing authority issued a permit, the laws and regulations are clearly prohibited in the construction area, belonging to the state or where the local steel industry has clearly stipulated that the iron and steel industry discharge unit or the production plant to be eliminated or banned shall not issue a sewage permit certificate.

Appendix A and Appendix B of this standard are informative.

This standard is the first release.

This standard is organized by the Planning and Finance Department of the Ministry of Environmental Protection and the Ministry of Environmental Protection.

The main drafting of this standard. Environmental Protection Department of Environmental Engineering Assessment Center, Hebei Province Public Energy Environmental Protection

Technology Co., Ltd.

Division, Metallurgical Industry Planning and Research Institute, Beijing Quanhua
Environmental Protection Technology Standards Research Center.

The environmental protection department of this standard approved on July 27, 2017.

This standard has been implemented since July 27, 2017.

This standard is explained by the Ministry of Environmental Protection.

1 Sewage permit application and issuance of technical specifications steel industry

1 Scope of application this standard specifies the iron and steel industry sewage unit sewage permit application and the issuance of the basic requirements of the report, the permit emission Limit determination, actual emissions accounting, compliance determination method and self-monitoring, environmental management desk and sewage permit Line report and other environmental management requirements, put forward the iron and steel industry pollution control feasible technical requirements.

This standard applies to guide the iron and steel industry sewage unit to fill out the "sewage permit application form" and fill in the relevant application online Information, applicable to the guidance of the issuance authorities to determine the iron and steel industry sewage unit permit.

This standard applies to the iron and steel industry discharge unit emissions of air pollutants and water pollutants permit management. This standard Does not apply to coking sewage units, iron ore mining sewage units, ferroalloy sewage units, casting sewage unit sewage permit Application and issuance.

Iron and steel industry sewage units, for the implementation of "thermal power plant air pollutant discharge standards" (GB 13223) production Facilities or discharge, the application of "thermal power industry sewage permit application and issuance of technical specifications"; for the implementation of "coking chemical industry Pollutant discharge standards" (GB 16171) of the production facilities or discharge, the" sewage permit application and the issuance of technical regulations Fan coking chemical industry "; in the" sewage permit application and issued technical specifications boiler industry "before the release, hot water boilers and 65t/h and below the steam boiler with reference to the implementation of this standard, issued after its provisions.

This standard does not provide for the provisions of the discharge of industrial waste water, waste gas or national regulations of toxic and harmful air pollutants of the steel workers Other sewage pollution facilities and discharge ports shall be carried out in accordance with the General Principles of Application for and Application for Discharge Permits.

2 Normative reference documents

The contents of this standard refer to the following documents or the terms of the following. Those who do not note the date of the reference file, the effective version of the appropriate for this standard.

Emission standard of air pollutants in thermal power plants GB 13223 GB 13271 Boiler Air Pollutant Emission Standard Emission standard for water pollutants in iron and steel industry GB 13456 Emission standard for pollutants from coking chemical industry GB 16171 GB 28662 Iron and steel sintering, pellet industrial air pollutant discharge standards Emission standard of air pollutants in ironmaking industry GB 28663 Emission standard of air pollutants in steelmaking industry GB 28664 Emission standard of air pollutants in rolling steel industry GB 28665 Determination of particulate matter and sampling method of gaseous pollutants in exhaust gas of fixed pollution sources GB/T 16157 Technical Guidelines for Unorganized Emissions Monitoring of Air Pollutants HJ/T 75 fixed pollution sources flue gas discharge continuous monitoring technical specifications (Trial) HJ/T 76 fixed pollution source flue gas emissions continuous monitoring system technical requirements and testing methods (Trial) Technical specification for surface water and wastewater monitoring HJ/T 353 water pollution source on-line monitoring system installation technical specifications (Trial) 2HJ/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 assessment of technical specifications (Trial) HJ/T 356 Water pollution source online monitoring system data validity judgment technical specification (Trial) Technical specification for HJ/T 397 fixed source exhaust gas monitoring Technical Guidance for Water Quality Sampling Technical specification for water quality sampling scheme design of HJ 495 General guidelines for self - monitoring of sewage disposal units Technical Guideline for Self - Monitoring of Sewage Discharge Unit General rules for application and issuance of emission permits HJ -- -20 -- Self-monitoring technical guidelines for sewage disposal units Iron and steel industry HJ -- -20 - - Environmental Management Account and Discharge Permit Implementation Report Technical Specification (Trial) "Fixed pollution source pollution permit classification management directory" "Pollution source automatic monitoring facilities operation and management approach" (Central [2008] No. 6) "Notice on the Implementation of Special Limitation of Emissions of Air Pollutants" (Announcement No. 14 of 2013) "Standardization of sewage outfall technical requirements (Trial)" (State Environmental Protection Agency Environmental Protection [1996] No. 470) "Notice on the Issuance of the Interim Provisions on the Administration of Pollution Permit" (Ring Water [2016] No. 186) "On the implementation of thermal power, paper industry and the Beijing-Tianjin-Hebei pilot cities elevated source sewage permit management notice" (ring Water body [2016] 189) "Reply to the question of the special discharge limit for the implementation of air pollutants" (Circular No. 1087) [Notice on Strengthening the Automatic Monitoring of Elevated Source Pollutants

in Beijing, Tianjin and Hebei Provinces number)

3 Terms and definitions

The following terms and definitions apply to this standard.

3.1 Iron and steel industry sewage unit emission unit

Refers to the sintering, pellets, iron, steel and rolling and other production processes of sewage units. Divided into steel combined sewage units and iron and steel non-joint sewage units.

Iron and steel joint emission unit Refers to the iron and steel industry has the basic production process of steel discharge units, including at least iron, steel and steel rolling and other production workers sequence.

Iron and steel non-joint emission unit Refers to the iron and steel combined with the sewage unit, with one or two or more steel industry production process of sewage units.

3.4 Permissible emission limits

Refers to the maximum discharge concentration and emissions of pollutants discharged by the pollutant discharge unit as specified in the pollutant discharge permit.

3.5 Special period of time periods

Refers to the national and local deadline for compliance with the planning and other relevant environmental management regulations, the sewage unit emissions of pollutants There are special requirements for the period, including heavy pollution during the weather and winter shelter.

4 sewage unit basic situation to fill the requirements

4.1 Basic principles Iron and steel industry sewage units should be in accordance with the requirements of this standard, in the sewage permit management information platform to declare the system "sewage License application form "in the corresponding information table. Fill in the system drop-down menu is not included, the local environmental protection authorities have Provisions need to fill in or sewage units that need to fill in the report, can increase their content.

Provincial environmental protection departments in accordance with environmental quality improvement needs to increase the management requirements, should be filled into the sewage permit management letter Interest rate platform declaration system "the right to endorse the local environmental protection authorities to increase the management content" column.

The pollutant discharge unit shall, when filling in the application information, assess the