

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

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**Technical specification for application and issuance of
pollutant permit non-ferrous metal metallurgy industry -
aluminum smelting**

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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 Air Pollution" "People's Republic of China Water Pollution Prevention Law "and other laws and regulations and the" Control of pollutant discharge permit system implementation plan "(State Ban Fa [2016] No. 81), perfect Discharge permit technical support system to guide and regulate aluminum smelting and sewage units apply for permits and the issuance of work to develop this standard.

This standard specifies the aluminum smelting and sewage units apply for permits and issued the basic conditions for reporting requirements, allowable emission limits to determine the real International emissions accounting methods, compliance methods and

self-monitoring, environmental management ledger and implementation of environmental management requirements and other reports, the proposed aluminum Smelting industry pollution prevention and control technology and operational management requirements.

When the issuing authority issues a sewage disposal permit, if it is located within a construction area that is specifically prohibited by laws and regulations from being committed by the state and local governments the Aluminum Smelting Sewage Disposal Units or Production Installations that are actually required to be eliminated or banned shall not be allowed to issue a Discharge Permit.

This standard Appendix A, Appendix B, Appendix C, Appendix D, Appendix E 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 is mainly drafted by. China Academy of Environmental Sciences, China Aluminum International Engineering Co., Ltd. Shenyang Branch, China Nonferrous Metals is an industrial association, MEP Environmental Protection Cooperation Center, Ministry of Environmental Protection Environmental Engineering Assessment Center.

This standard MEP approved on September 29, 2017.

This standard since September 29, 2017 implementation.

This standard is interpreted by the MEP.

Sewage Permit Application and Issuance Technical Specifications Nonferrous Metal Industry - Aluminum Smelting

1 Scope of application

This standard specifies the aluminum smelting sewage units permit application and issuance of the basic conditions of reporting requirements, allowable emission limits Value determination, actual emissions accounting, compliance with the technical methods of self-monitoring, environmental management, accounting and sewage permits Implementation of the report and other environmental management requirements, put forward the aluminum smelting units pollution control feasible technical requirements.

This standard applies to guide aluminum smelting sewage units to fill out the "sewage permit application form" and fill in the relevant application information online, it is suitable for guiding the issuing authority to examine and approve the permission requirements for the sewage discharge permit of aluminum smelting industry.

This standard applies to bauxite as raw materials to produce alumina, as raw material to

produce electrolytic aluminum smelting enterprises or students Production facilities discharge of air pollutants and water pollutant discharge permit management. This standard does not apply to aluminum carbon sewage units Sewage permit application and issuance work.

Aluminum smelting units, for the implementation of GB 13223 of the production facilities or discharge, the application of "thermal power industry emissions Xu Certificate application and issuance of technical specifications. " this standard is not provided but the discharge of industrial waste water, waste gas or the state of toxic and harmful air pollutants aluminum Smelting industry sewage treatment units and other pollutant discharge facilities, with reference to "general permit application and issuance of technical specifications" Implementation of the "sewage permit application and issued a technical specification boiler industry" before the release of hot water boilers and 65t/h and below Steam boilers reference to the implementation of this standard, after the release from its provisions.

2 Normative references

The contents of this standard reference the following documents or terms. All undated reference documents, the effective version this applies to this standard.

GB 13271 Boiler air pollutant emission standards GB 25465 aluminum industrial pollutant emission standards Determination of Particulate Matter and Gaseous Pollutants in Exhaust of Fixed Pollution Sources GB/T 16157 HJ 493 Technical Specifications for the Preservation and Management of Water Sampling 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/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 Monitoring Methods (Trial) HJ/T 91 Technical Specifications for Surface Water and Sewerage Monitoring 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) - 2 -HJ/T 397 fixed source exhaust gas monitoring technical specifications HJ -- -201 - Discharge Permit Application and Issuance Technical Specifications General HJ -- -201 - self-monitoring technical guide sewage units Non-ferrous metal smelting and rolling processing HJ -- -201 - Environmental Management Ledger and Drainage Permits Implementation Report Technical Specifications (Trial) "Fixed pollution sources permit classification management directory" "Technical requirements for

the standardization of sewage outfall (Trial)" (State Environmental Protection Agency Environmental Monitoring [1996] 470) Measures for the Administration of Automatic Monitoring Facilities for Pollution Sources (Huanfa [2008] No. 6) Circular on the Management of License for Permitting Pollution Caused by Elevated Sources in Thermal Power, Papermaking Industry and Beijing, Tianjin and Hebei Pilot Cities Water [2016] No. 189)

3 Terms and definitions

The following terms and definitions apply to this standard.

3.1 Aluminum smelting pollutant emission unit aluminum smelting unit

Refers to the use of bauxite as raw materials to produce alumina and aluminum oxide as raw materials to produce electrolytic aluminum smelting business or production facilities Shi.

3.2 Permitted emission limits permitted emission limits

Refers to the allowable pollutants discharged by pollutant discharge units as specified in the discharge permit and the maximum discharge concentration and the maximum discharge amount.

3.3 Special periods special periods

Refers to the national and local deadlines for compliance planning and other relevant environmental management requirements, the pollutant discharge of sewage units There are special requirements of the period, including the heavy polluted weather during the period and winter prevention period and so on.

4.1 General principles

Sewage units should be in accordance with the requirements of this standard should be in accordance with the requirements of this standard in the sewage permit management information platform to declare the system Fill in the "sewage permit application form" in the corresponding information form. Fill in the system drop-down menu does not include the local environmental protection If the competent department has stipulated that it needs to fill in a report or the pollutant discharging entity considers it necessary to fill in a report, it may add the contents by itself.

Provincial environmental protection departments in accordance with environmental quality requirements to improve the management of the increase should be entered in the sewage permit management Information platform to declare the system "with the nuclear power of local environmental protection department increased management content" column.