

HJ

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Technical specification for application and issuance of pollutant permit - Hazardous waste incineration

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Foreword

To implement the Law of the People's Republic of China on Environmental Protection, the Law of the People's Republic of China on Prevention and Control of Atmospheric Pollution, Law of the People's Republic of China on Prevention and Control of Water Pollution, Law of the People's Republic of China on Prevention and Control of Soil Pollution, etc.

Notice of the Office on Printing and Distributing the Implementation Plan for Controlling Pollutant Discharge Permit System (Guo Ban Fa [2016] No. 81) and "Sewage Disposal Manageable Measures (Trial) (Organization of the Ministry of Environmental Protection No. 48), improve the technical support system for sewage permit, guidance and regulations this standard is formulated for the application and issuance of pollutant discharge permits for hazardous waste incineration and discharge units.

This standard stipulates the requirements for the basic situation of the application and issuance of the pollutant discharge permit for hazardous waste incineration and discharge units.

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 can be verified, and the feasible technical requirements for pollution prevention and control of hazardous waste incineration and sewage disposal units are put forward.

Appendix A to Appendix D 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. Environmental Engineering Evaluation Center of the Ministry of Ecology and Environment, Shenyang Environmental Science Research Institute.

This standard is approved by the Ministry of Ecology and Environment on August 27, 2019.

This standard has been implemented since August 27, 2019.

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

1Sewage permit application and issuance technical specification Hazardous waste incineration

1 Scope of application

This standard stipulates the requirements for the basic situation of the application and issuance of the pollutant discharge permit for hazardous waste incineration and discharge units.

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 can be verified, and the technical requirements for pollution prevention and control are put forward. This standard applies to the guidance of hazardous waste the incineration and pollutant discharge unit shall fill in the relevant application information in the National Pollution Discharge License Management Information Platform (hereinafter referred to as the Pollution Discharge Permit Platform).

It is applicable to guide the issuing authority to review and determine the permit requirements for the pollutant discharge permit of the pollutant discharge unit.

This standard is applicable to the discharge of atmospheric pollutants and water pollutants from hazardous waste (including medical waste) incineration and discharge units.

License management.

This standard applies to hazardous waste centralized incineration disposal units. The sewage disposal unit self-built hazardous waste incineration disposal facilities and If the application for the main industry sewage permit and the technical specifications for the issuance are not relevant, it may be implemented with reference to this standard.

Hazardous Waste the technical definition of incineration disposal is implemented in accordance with the Technical Guidelines for Hazardous Waste Disposal Engineering (HJ 2042).

This standard does not stipulate but discharges industrial waste gas, waste water or nationally designated toxic and harmful pollutants.

The facilities for the production of pollutants and discharges shall be implemented in accordance with the General Rules for the Application and Issuance of Pollution Discharge Permits (HJ 942).

2 Normative references

This standard refers to the following documents or their terms. For undated references, the valid version applies to this standard.

GB 8978 Integrated Wastewater Discharge Standard GB 14554 Odor Pollutant Emission Standard GB 16297 Integrated emission standards for atmospheric pollutants GB 18484 Hazardous Waste Incineration Pollution Control Standard HJ 75 fixed pollution source flue gas (SO₂, NO_x, particulate matter) continuous monitoring technical specifications HJ 76 Technical requirements and test methods for continuous monitoring system for fixed pollution source flue gas (SO₂, NO_x, particulate matter) HJ/T 91 Surface Water and Wastewater Monitoring Technical Specifications HJ/T 92 Water Pollutant Total Monitoring Technical Specification HJ/T 176 Technical Specifications for Construction of Hazardous Waste Central Incineration Disposal Project HJ/T 365 hazardous waste (including medical waste) incineration disposal facilities dioxin emission monitoring technical specifications HJ 608 sewage unit coding rules HJ 819 General Guidelines for Self-Monitoring Technical Units of Sewage Units 2HJ 942 General requirements for application and issuance of pollution discharge permits HJ 944 Sewage unit environmental management ledger and discharge permit implementation report technical specification general (trial) HJ 2042 Technical Guidelines for Hazardous Waste Disposal Engineering Measures for the Administration of Hazardous Waste Transfer Joint Orders (Order No. 5 of the State Environmental Protection Administration) 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)

3 Terms and definitions

The following terms and definitions apply to this standard.

Pollutant emission unit of hazardous waste incineration Refers to a hazardous waste disposal unit that incinerates and burns hazardous waste to decompose it and is harmless.

Permitted emission limits Refers to the maximum emission concentration (or rate) and emissions of pollutants allowed by the discharge unit specified in the discharge permit.

"3T E" combustion control "3T E" combustion control technique Refers to controlling the

combustion temperature (Temperature), smoke residence time (Time), turbulence (Turbulence), Excess-Air is beneficial to the decomposition of harmful substances in incineration and reduces the formation of pollutants such as dioxins in incineration.

the way.

Abnormal situation

Refers to abnormal working conditions of production facilities (such as incinerator ovens, start-stop furnaces, equipment maintenance, etc.) and pollution prevention (control) the application is not normal (such as the failure to achieve the desired treatment effect or synchronous operation rate, etc.).

4.1 General principles

The pollutant discharge unit shall fill in the corresponding information on the discharge permit platform in accordance with the requirements of this standard. Not included in the sewage permitting platform, If the local ecological environment competent department has regulations that need to be reported or the pollutant discharge unit considers it necessary to fill in the report, it may add the content by itself.

3 The local ecological environment competent department at or above the municipal level in the district may increase the need for sewage discharge according to local regulations on environmental protection.

The contents stated in the permit, and filled in the sewage permitting platform, "the increase of the local ecological environment authority with nuclear powers "Contents" column.

4.2 Basic information of sewage disposal units

The basic information of the pollutant discharge unit should be filled in the name of the unit, whether it needs to be corrected, the type of sewage permit management, postal code, Industry category, whether it is put into production and the date of production, whether the center of the production and operation site is latitude and longitude, and whether the location is an environmentally sensitive area (such as Atmospheric key control area, total phosphorus total nitrogen control area, etc.), whether it is located in the industrial park and its industrial park name, environmental impact the evaluation approval document number (record number), the local government's identification of the illegal project or the filing document number, major pollution Total amount allocation plan document number, total particulate matter index (t/a), total sulfur dioxide index (t/a), total nitrogen oxides Volume index (t/a), total chemical oxygen demand index (t/a), total ammonia nitrogen index (t/a), total amount of other pollutants involved Indicators, etc.

When reporting the industry category, the hazardous waste incineration and discharge unit should select the "ecological protection and environmental management industry (N77)" the