



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

GB 18597-2023

Standard for pollution control on hazardous waste storage

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Foreword

This Standard was formulated for the purposes of implementing Environmental Protection Law

of the People's Republic of China, Solid Waste Pollution Prevention and Control Law of the People's Republic of China, and the like laws and regulations; preventing the environment pollution; improving the ecological quality; and standardizing the environmental management

of the hazardous waste storage.

This standard specifies the general requirements for pollution control in the storage of hazardous wastes; the requirements for the site selection and pollution control of storage facilities; the requirements for pollution control of containers and packaging; the requirements

for pollution control during the storage process; as well as environmental management requirements such as pollutant emissions, environmental monitoring, environmental emergency

response, implementation and supervision, etc.

This Standard was first-time published in 2001; first-time revised hereby.

The main contents of this revision include.

- Add and improve relevant terms and definitions;
- Add "general requirements";
- Refine the classification of hazardous waste storage facilities and supplement the relevant environmental management requirements for storage points;
- Improve the site selection and construction requirements for hazardous waste storage facilities;
- Revise the pollution prevention, operation management and decommissioning requirements for hazardous waste storage facilities;
- Supplement the environmental emergency requirements for hazardous waste storage facilities;
- Delete the requirements related to medical waste and Appendixes A and B.

This Standard was organized to formulate by Department of Solid Wastes and Chemicals, and

Department of Laws, Regulations, and Standards of Ministry of Ecology and Environment.

Chief drafting organizations of this Standard. Shenyang Academy of Environmental Sciences

(National Environmental Protection Hazardous Waste Disposal Engineering Technology < Shenyang > Center); Solid Waste and Chemicals Management Center, Ministry of Ecology and Environment; Chinese Research Academy of Environmental Sciences; and University of

Chinese Academy of Sciences.

This Standard was approved by Ministry of Ecology and Environment on January 20, 2023.

This Standard was implemented since July 1, 2023. Standard for Pollution Control on Hazardous Waste Storage (GB 18597-2001) was abolished since the implementation date of

this Standard. Local governments may implement this Standard in advance based on the

needs

of local ecological and environmental protection and economic and technical conditions, with

the approval of the provincial people's government.

This Standard is interpreted by the Ministry of Ecology and Environment.

Standard for Pollution Control on Hazardous Waste Storage

1 Scope

This Standard specifies the general requirements for pollution control of hazardous waste storage; the requirements for site selection and pollution control of storage facilities; the requirements for pollution control of containers and packaging materials; the requirements for

pollution control during storage process; and the requirements for environmental management

such as pollutant emissions, environmental monitoring, environmental emergency response,

implementation and supervision.

This standard applies to the pollution control and environmental management for site selection,

construction and operation of new, rebuilt and expanded hazardous waste storage facilities for

organizations that generate, collect, store, utilize and dispose of hazardous wastes; and also

applies to the pollution control and environmental management during the operation of existing

hazardous waste storage facilities.

This Standard does not apply to temporary storage during the cleanup of historical stockpiled

hazardous wastes.

If there are other provisions for the storage of specific hazardous wastes in other national solid

waste pollution control standards, the relevant provisions shall be implemented.

2 Normative References

The following documents are essential to the application of this Standard. For the dated documents, only the versions with the dates indicated are applicable to this Standard; for the undated documents, only the latest version (including all the amendments) is applicable to this Standard.

GB 8978 Integrated Wastewater Discharge Standard

GB 12348 Emission Standard for Industrial Enterprises Noise at Boundary

GB 14554 Emission Standards for Odor Pollutants

GB/T 14848 Standard for groundwater quality

GB/T 16157 The determination of particulates and sampling methods of gaseous pollutants emitted from exhaust gas of stationary source

GB 16297 Comprehensive emission standard of air pollutants

GB 37822 Standard for fugitive emission of volatile organic compounds

HJ/T 55 Technical guidelines for fugitive emission monitoring of air pollutants

HJ 164 Technical specifications for environmental monitoring of groundwater

HJ/T 397 Technical specifications for emission monitoring of stationary source

HJ 732 Emission from stationary sources-Sampling of volatile organic compounds - Bags method

3 Terms and Definitions

For the purposes of this Standard, the following terms and definitions apply.

3.1 Hazardous waste

Solid waste that is included in the national hazardous waste inventory or identified as having

hazardous characteristics according to the national hazardous waste identification standards and

identification methods.