



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

GB 18599-2020

**Standard for pollution control on the non-hazardous industrial
solid waste storage and landfill**

Issued on: November 26, 2020

Implemented on: July 1, 2021

Issued by: MEE; SAMR

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Foreword

In order to implement the laws and regulations, such as. Environmental Protection Law of the

People's Republic of China, Law of the People's Republic of China on the Prevention and Control of Environmental Pollution by Solid Waste, Law of the People's Republic of China

on the Prevention and Control of Water Pollution, Law of the People's Republic of China on the Prevention and Control of Air Pollution, Law of the People's Republic of China on the Prevention and Control of Soil Pollution, etc., prevent and control environmental pollution, improve the quality of the ecological environment, and promote the advancement of non-hazardous industrial solid waste storage and landfill technology, this Standard is formulated.

This Standard specifies the environmental protection requirements for the site selection, construction, operation, closure, land reclamation and other processes of non-hazardous industrial solid waste storage and landfill facilities, the environmental protection

requirements

for the mining with backfilling and backfilling of non-hazardous industrial solid waste that replaces storage and landfill disposal, as well as monitoring requirements, implementation and supervision, etc.

This Standard is mandatory.

This Standard was first published in 2001. This is the first revision.

The main content of this revision.

---The title of the Standard is modified into Standard for Pollution Control on the Non-hazardous Industrial Solid Waste Storage and Landfill;

---The definition of non-hazardous industrial solid waste storage facility and landfill is clarified;

---The definition of Class I and Class II non-hazardous industrial solid waste is clarified;

---The requirements for the site selection of non-hazardous industrial solid waste storage facility and landfill are refined;

---The technical requirements for pollution control on the mining with backfilling and backfilling of non-hazardous industrial solid waste are added;

---The technical requirements for pollution control on the non-hazardous industrial solid waste storage facility and landfill during the operation, closure and later management are improved;

---The technical requirements for pollution control on the land reclamation of non-hazardous industrial solid waste storage facility and landfill are added.

Appendix A of this Standard is informative.

The pollutant emission limit specified in this Standard is the basic requirement. For air and water pollutant control items that are not specified in this Standard, provincial people's governments may formulate local pollutant emission standards; for air and water pollutant control items that are specified in this Standard, local pollutant emission standards that are more

rigorous than this Standard may be formulated.

The Department of Solid Waste and Chemicals and the Department of Regulations and Standards of the Ministry of Ecology and Environment organized the formulation of this Standard.

The main drafting organizations of this Standard. Chinese Research Academy of Environmental

Sciences; Shanghai Jiao Tong University; CECEP CleanTech Development Co., Ltd.; Solid Waste and Chemical Management Technology Center of the Ministry of Ecology and Environment.

This Standard was approved by the Ministry of Ecology and Environment on November 26, 2020.

This Standard shall be implemented from July 1, 2021. From the date of implementation of this

Standard, Standard for Pollution Control on the Storage and Disposal Site for General Industrial Solid Wastes (GB 18599-2001) shall be abolished. Each locality may implement this

Standard in advance with the approval of the provincial people's governments in accordance

with the local ecological and environmental protection demands, and economic and technical

conditions.

This Standard shall be interpreted by the Ministry of Ecology and Environment.

Standard for Pollution Control on the Non-hazardous

Industrial Solid Waste Storage and Landfill

1 Scope

This document specifies the environmental protection requirements for the site selection, construction, operation, closure, land reclamation and other processes of non-hazardous industrial solid waste storage and landfill facilities, the environmental protection requirements

for the mining with backfilling and backfilling of non-hazardous industrial solid waste that replaces storage and landfill disposal, as well as monitoring requirements, implementation

and

supervision, etc.

This Standard is applicable to the pollution control and environmental management of the site

selection, construction, operation, closure and land reclamation of newly constructed, reconstructed and expanded non-hazardous industrial solid waste storage and landfills facilities,

the pollution control and environmental management of the operation, closure and land reclamation of existing non-hazardous industrial solid waste storage and landfill facilities, as well as the pollution control and environmental management of the mining with backfilling and

backfilling of non-hazardous industrial solid waste that replaces storage and landfill disposal.

If special national environmental protection standards are issued for specific non-hazardous industrial solid waste storage and landfill, the special environmental protection standards shall

be implemented during the storage and landfill processes.

This Standard does not apply to the pollution control in the process of storing non-hazardous

industrial solid waste in warehouses and packaging tools (cans, barrels and packaging bags,

etc.). The storage process shall satisfy the corresponding environmental protection requirements, such as. seepage prevention, rain prevention and dust prevention, etc.

2 Normative References

The following documents are indispensable to the application of this Standard. In terms of references with a specified date, only versions with a specified date are applicable to this document. In terms of references without a specified date, the latest version (including all the modifications) is applicable to this document.

GB 8978 Integrated Wastewater Discharge Standard