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

GB 18598-2019

Standard for pollution control on the hazardous waste landfill

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Foreword

To implement the "Environmental Protection Law of the People's Republic of China"

Law of the People's Republic of China on Soil Pollution Prevention and Control, this standard specifies the entry conditions for landfill of hazardous waste, the site selection of

landfills,

Ecological environmental protection requirements for design, construction, operation, closure and monitoring.

This standard was first published in 2001 and this is the first revision.

The main contents of this revision.

?? Standardize the technical requirements for site selection of hazardous waste landfill sites;

?? Strict entry criteria for hazardous waste landfills;

?? Restricted the discharge control requirements of hazardous waste landfills;

?? Improve the technical requirements for the operation and monitoring of hazardous waste landfills.

The odorous pollutants and environmental noise emitted by hazardous waste landfills shall be subject to the corresponding national pollutant discharge standards. Dangerous waste

Self-monitoring of landfills shall be carried out in accordance with the requirements of this standard, and shall be subject to the regulations after the self-monitoring guidelines of the pollutant discharge units of the industry are released.

set.

Appendix A of this standard is an informative appendix and Appendix B is a normative appendix.

From the date of implementation of this standard, the "Hazardous Waste Landfill Pollution Control Standards" (GB 18598-2001) shall be abolished.

Provincial people's governments may formulate local pollutant discharges for atmospheric and water pollutants items not specified in this standard.

Standards; for atmospheric and water pollutants projects already specified in this standard, local pollutant discharges that are stricter than this standard may be formulated.

standard.

This standard is formulated by the Department of Solid Waste and Chemicals, Department of Regulations and Standards of the Ministry of Ecology and Environment.

This standard is mainly drafted by. China Academy of Environmental Sciences, Beijing High Energy Times Environmental Technology Co., Ltd.

This standard was approved by the Ministry of Ecology and Environment on September 12, 2019.

This standard has been implemented since June 1, 2020.

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

Hazardous waste landfill pollution control standard

1 Scope of application

This standard specifies the entry conditions for landfill of hazardous waste, site selection, design, construction, operation, closure and supervision of landfills.

Environmental protection requirements for testing.

This standard is applicable to the pollution control of the construction, operation, closure and environmental management process of new hazardous waste landfills.

system. Admission requirements, operational requirements, pollutant discharge requirements, environmental protection after closure and closure of existing hazardous waste landfills

Requirements and monitoring requirements shall be implemented in accordance with this standard. This standard is applicable to the environmental pollution of hazardous waste landfills by competent environmental authorities.

Supervision and management of dyeing prevention and control.

This standard does not apply to the disposal of radioactive waste and the temporary disposal of hazardous waste in the event of an accident.

2 Normative references

The contents of this standard refer to the terms in the following documents. For undated references, the valid version applies to

This standard.

GB 5085.3 Identification criteria for hazardous wastes

GB 6920 Determination of pH of water - Glass electrode method

GB 7466 Determination of total chromium in water (Part 1)

GB 7467 -- Determination of hexavalent chromium -- Dibenzoyl hydrazide spectrophotometric method

GB 7470 -- Determination of lead in water -- Dithizone spectrophotometric method

GB 7471 Determination of cadmium in water -- Dithizone spectrophotometric method

GB 7472 -- Determination of zinc in water -- Dithizone spectrophotometric method

GB 7475 - Determination of copper, zinc, lead and cadmium - Atomic absorption spectrophotometric method

GB 7484 Determination of fluoride in water quality - Ion selective electrode method

GB 7485 -- Determination of total arsenic in water - s.

GB 8978 Integrated Wastewater Discharge Standard

GB 11893 Determination of total phosphorus in water - Ammonium molybdate spectrophotometric method

GB 11895 Determination of benzo (alpha) pyrene - acetylated filter paper chromatographic spectrophotometric method

GB 11901 Determination of suspended solids by weight method

GB 11907 Determination of silver in water -- Flame atomic absorption spectrophotometric method

GB 16297 Integrated emission standards for atmospheric pollutants

GB 37822 Volatile Organic Compounds Unorganized Emission Control Standard

GB 50010 concrete structure design specification

GB 50108 Underground Engineering Waterproof Technical Specifications

GB/T 14204 Water quality - Determination of alkyl mercury - Gas chromatography

GB/T 14848 Groundwater Quality Standard

GB/T 15555.1 Determination of total mercury in solid waste - Cold atomic absorption spectrophotometric method

GB/T 15555.3 Determination of arsenic in solid waste - Diethyldithiocarbamate silver spectrophotometric method

GB/T 15555.4 Determination of hexavalent chromium in solid waste - Diphenylcarbazide spectrophotometric method

GB/T 15555.5 Determination of total chromium in solid waste - Diphenylcarbazide spectrophotometric method

GB/T 15555.7 Determination of hexavalent chromium in solid waste - Ammonium sulphate titration

GB/T 15555.10 Determination of nickel in solid waste - succinimide spectrophotometric method

GB/T 15555.11 Determination of fluoride in solid waste - Ion selective electrode method

GB/T 15555.12 Determination of corrosion of solid wastes - Glass electrode method