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CCS Z68



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

GB/T 18772-2017

Replacing GB/T 18772-2008

**Technical requirement for environmental monitoring on municipal
solid waste sanitary landfill**

生活垃圾卫生填埋场环境监测技术要求

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Quarantine of the People's Republic of China;
Standardization Administration of China**

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Foreword

This standard was drafted in accordance with the rules given in GB/T 1.1-2009. This standard replaces GB/T 18772-2008 "sanitary waste landfill environmental monitoring technical requirements." And GB/T 18772- 2008 compared to the main technical changes are as follows:

--- Modify the scope of the standard;

--- Adjust the normative references, terms and definitions;

--- Modify the air pollutant monitoring, landfill gas monitoring, leachate monitoring, drainage monitoring, groundwater monitoring, field ambient noise Monitoring, Landfill Monitoring, Flies Density Monitoring and Post-Closure Monitoring;

--- Complement the fixed air pollution monitoring of pollutants, surface water monitoring and landfill leachate water level monitoring of the content. This standard proposed by the Ministry of Housing and Urban-Rural Development of the People's Republic of China. This standard by the National Urban Sanitation Standardization Technical Committee (SAC/TC451) centralized. This standard was drafted unit. Shenyang City Environmental Health Engineering Design and Research Institute, Shanghai Environmental Health Engineering Design Institute Co., Ltd., the seizure of the Group Physical and Chemical Testing Co., Ltd., Huazhong University of Science and Technology, Beijing Institute of Environmental Health Design, Beijing High Energy Era Environmental Technology Co., Ltd. Company, Hubei Province Solid Waste Disposal and Ecological Value Engineering Research Center, Shenyang Everbright Environmental Protection Technology Co., Ltd. The main drafters of this standard. Ji Chong Zhe, Wang Xiaoyun, Li Xiaoyong, Chen Zhuqi, Cheng Wei, Qi Changqing, Feng Guojie, Miao Zhu, Liu Lei, Li Jiangshan, Zhang Xiaoguang, Li Wei, Li Ji, Li Quanhong, An Zhiyi. This standard replaces the standards previously issued as.

--- GB/T 18772-2002, GB/T 18772-2008. Technical Requirements for Environmental

Monitoring of Domestic Waste Sanitary Landfill

1 Scope

GB/T 18772-2017 is the Chinese national standard on technical requirement for environmental monitoring on municipal solid waste sanitary landfill, in the field of environment and health protection, safety. The /T suffix marks it as a recommended standard: it is not compulsory by itself, but it becomes binding as soon as a contract, a tender or a customer specification calls it up - which in practice is how most foreign buyers meet it. It was issued on 14 October 2017 by the General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China; Standardization Administration of China, and has been in force since 1 September 2018. Classification: ICS 13.030.99, CCS Z68. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

This standard specifies the domestic waste sanitary landfill air pollutant monitoring, landfill gas monitoring, leachate monitoring, external drainage monitoring, underground Water monitoring, surface water monitoring, landfill leachate water level monitoring, field environmental noise monitoring, landfill monitoring, flies density monitoring, closure Monitoring content and methods. This standard applies to domestic waste sanitary landfill.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version applies to this article Pieces. For undated references, the latest edition (including all amendments) applies to this document.

GB/T 3785.1 Electroacoustic sound level meter Part 1. Specification

GB/T 5750.4 standard test methods for drinking water sensory traits and physical indicators

GB/T 5750.5 Standard Test Method for Drinking Water - Inorganic and non-metallic indicators

GB/T 5750.6 standard test methods for drinking water indicators of metal

GB/T 5750.7 Standard Test Method for Drinking Water - Integrated Index of Organic Compounds

GB/T 5750.12 Standard Test Method for Drinking Water - Microbial Index

GB 6920 Determination of water quality - Glass electrode method

GB 7466 Water quality Determination of total chromium Water quality - Determination of hexavalent chromium - Diphenylcarbazide spectrophotometric method

GB 7469 Water quality - Determination of total mercury - Potassium permanganate - Potassium persulfate digestion Dithizone spectrophotometry

GB 7470 Determination of water quality - Determination of dithizone spectrophotometric method

GB 7471 Water quality - Determination of cadmium - Dithizone spectrophotometric method

GB 7475 Water quality - Determination of copper, zinc, lead and cadmium - Atomic absorption spectrophotometry

GB 7477 Water quality - Determination of total amount of calcium and EDTA EDTA titration