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

GB/T 46726-2025

**Management specification for water conservation of civil
airports**

民用机场节水管理规范

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Foreword

This document complies with the provisions of GB/T 1.1-2020 "Standardization Work Guidelines Part

1. Structure and Drafting Rules of Standardization Documents". Drafting. Please note that some content in this document may involve patents. The issuing organization of this document assumes no responsibility for identifying patents. This document was proposed and is under the jurisdiction of the National Technical Committee on Water Conservation Standardization (SAC/TC442). This document was drafted by: China National Institute of Standardization, General Service Bureau of the Civil Aviation Administration of China, Civil Aviation University of China, and the Civil Aviation Administration of China. Vocational Skills Appraisal and Guidance Center, China Civil Airports Association, Civil Aviation Research Base (Beijing) Co., Ltd., Highway Research Institute of the Ministry of Transport Institute, Civil Aviation Central and Southern Airport Design Institute (Guangzhou) Co., Ltd., China Academy of Urban Planning and Design, University of Science and Technology Beijing, Beijing Water Conservation Water Management Affairs Center, Water Conservation Promotion Center of the Ministry of Water Resources, and Fanxian Yellow River Affairs Bureau of Puyang Yellow River Affairs Bureau. The main drafters of this document are: Zhang Lan, Bai Xue, Bai Yan, Ma Xinyan, Guan Jinxin, Shao Shegang, Liu Ziyi, Cai Rong, Lan Chengming, Wang Zhaoming, and Cai Weining. Ni Dong, Zhang Qin, Wang Wenbo, Zhang Wen, Lü Jixing, Chen Xiaorong, Lin Junfeng, Zou Wenbo, Zhao Xin, Wu Jing, Wang Kai, Hu Xiaofeng. Civil Airport Water Conservation Management Standards

1 Scope

GB/T 46726-2025 is the Chinese national standard covering an airport's water - the terminal sanitation, the cooling towers, the aircraft washing and the landscape irrigation, the metering by zone, the reclaimed water and the rainwater harvesting, and the indicators per passenger. First edition, in force from 1 February 2026. Issued on 31 October 2025, it has been in force since 1 February 2026.

This document stipulates the basic requirements and operational management of water conservation in civil airports. This document applies to water conservation management at

civil airports; other airports should refer to this document when implementing water conservation management.

2 Normative references

The contents of the following documents, through normative references within the text, constitute essential provisions of this document. Dated citations are not included. For references to documents, only the version corresponding to that date applies to this document; for undated references, the latest version (including all amendments) applies. This document.

GB/T 12452 General Rules for Water Balance Test

GB/T 21534 Water Conservation Terminology

GB/T 24789 General Rules for the Configuration and Management of Water Metering Instruments for Water Users

GB 50400 Technical Specification for Rainwater Control and Utilization Engineering in Buildings and Communities MH/T 5002-2020 Standard for Overall Planning of Transport Airports

3 Terms and Definitions

The terms and definitions defined in GB/T 21534 and MH/T 5002-2020, as well as the following terms and definitions, apply to this document.

3.1 airfield area The area within an airport that is enclosed by buildings and outdoor isolation facilities.

Note. Includes facilities and grounds such as runways, taxiways, and aprons. [Source: MH/T 5002-2020, 2.1.7, with modifications]

3.2 The area within an airport that includes the terminal building and its associated apron, transportation, and service facilities. [Source: MH/T 5002-2020, 2.1.8]

3.3 Cargo terminal area The area within the airport where cargo aprons, cargo terminals (warehouses), and their supporting facilities are located. [Source: MH/T 5002-2020, 2.1.9]

3.4 The area within the airport containing the maintenance apron, hangar, and related facilities. [Source: MH/T 5002-2020, 2.1.10]

3.5 Areas outside the flight area (3.1), terminal area (3.2), cargo area (3.3), and maintenance area (3.4) within the airport.

Note. This includes facilities and sites such as those for production support by airport management agencies and resident units.