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

GB/T 21534-2021

Replacing GB/T 21534-2008

Water saving - Terminology

节约用水 术语

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Foreword

This document is in accordance with the rules of GB/T 1:1-2020 "Guidelines for Standardization Work Part 1: Structure and Drafting Rules of Standardization Documents" drafted: This document replaces GB/T 21534-2008 "Industrial Water Conservation Terms": Compared with GB/T 21534-2008, except for structural adjustment In addition to editorial changes, the main technical changes are as follows:

- a) the terms water conservation in services and agriculture have been added (see Chapters 5 and 6);
- b) Added terms of water use category and water conservation management and indicators (see 4:8, 4:15, 4:16, 7:1, 7:2, 7:3, 7:4, 7:5, 7:6, 7:8, 7:9, 7:10, 7:11, 7:12, 7:14, 7:15, 7:17, 7:18, 7:19, 7:20, 7:21, 8:17, 8:19, 8:21, 8:24, 8:26, 8:27, 8:31, 8:32, 8:34, 8:35);
- c) Deleted related terms such as industrial process and equipment (see 2:4, 2:5, 3:1, 3:4, 3:7, 3:9, 3:10, 3:16, 3:17, 3:18, 3:20, 3:23, 3:24, 3:25, 4:2, 4:5, 4:6, 4:7, 4:8, 4:12, 4:13, 4:14, 4:15, 4:25, 4:26, 5:3, 5:9, 5:11, 5:12, 5:13, 5:14, 5:15, Chapter 6, 7:1, 7:3, 7:5, 7:6, 7:7, 7:8, 7:9, 7:10, 7:11);
- d) Modified some terms and definitions (see 3:1, 3:2, 3:3, 3:4, 3:5, 3:6, 7:13, 8:1, 8:2, 8:3, 8:4, 8:10, 8:11, 8:12, 8:13, 8:16, 8:22, 8:23, 8:25, 8:28, 8:29, 8:30, 2:1, 2:2, 2:3, 2:6, 2:8, 2:7, 7:4, 7:2, 4:3, 4:1, 4:4, 4:10, 4:11, 4:9, 4:16, 4:21, 5:4, 5:1, 5:5, 5:6, 5:7, 5:8): Please note that some content of this document may be patented: The issuing agency of this document assumes no responsibility for identifying patents: This document is proposed and managed by the National Water Saving Standardization Technical Committee (SAC/TC442): This document is drafted by: Water Conservation Promotion Center of the Ministry of Water Resources, China National Institute of Standardization, Water Resources Management Center of the Ministry of Water Resources, Tsinghua University Xue, China Electric Power Construction Group East China Survey and Design Institute Co., Ltd., China Urban Planning and Design Institute, China Irrigation and Drainage Development Center, Huang River Water Conservancy Commission Yellow River Water Conservancy Research Institute, Bashan Group Co., Ltd., Xi'an Energy Conservation and Green Development

Research Institute Co., Ltd.; Deep Water Ocean Nashui Group Co., Ltd.; Gansu Dayu Water Saving Group Water Conservancy and Hydropower Engineering Co., Ltd.; Anhui Jieyuan Environmental Protection Technology Co., Ltd. Company, Yellow River Survey, Planning and Design Research Institute Co., Ltd.; Beijing Zetong Water Construction Co., Ltd.; and Zibo Hanhai Industry Co., Ltd. The main drafters of this document: Jing Shuguang, Zhang Jiqun, Bai Xue, Zhang Yubo, Bai Yan, Zhang Yushan, Liu Jinmei, Zhu Chunyan, Li Enkuan, Fu Xinfeng, Hu Mengting, Song Lanhe, Wu Yuqin, Hu Hongying, Chen Zhuo, Cai Rong, Sun Shuyun, Lu Baohong, Xie Yuning, Chen Mei, Xiao Jun, Dong Sifang, Zhu Houhua, Ren Zhiyuan, Hou Kun, Zhong Yidan, Zhao Chunhong, Luo Min, Cao Pengfei, Hu Guiquan, Li Jianchang, Dong Yanjun, Wang Chong, Nie Si, Liu Shunli, Zhang Xijian, Ma Zhijie, Li Wenying, Lu Mingming, Lu Yingzhi, Li Haibo, Warring States Long, Xing Jun, Wang Yuanyuan, Jiang Ying, Wang Yu, Peng Shaoming, Zhang Wei, Xiao Yinping, Chen Minggang: The previous versions of this document and its superseded documents are as follows:

---This document was first published as GB/T 21534-2008 in:2008, and this is the first revision: water conservation term

1 Scope

GB/T 21534-2021 is the Chinese national standard on water saving - terminology, 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 31 December 2021 by the State Administration for Market Regulation; Standardization Administration of China, and has been in force since 1 July 2022. Classification: ICS 13.060.25, CCS F04. 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 document defines water conservation related water sources, production water, domestic water, water-saving irrigation, water-saving management and water-saving indicators: the term: This document applies to water conservation work in production and living areas:

2 Normative references

There are no normative references in this document:

3 Water source

3:1 watersources Water that can be obtained and used for economic and social development:

Note: Including conventional water sources and unconventional water sources: 3:2 conventionalwatersources Fresh water available on land and continuously renewed by the natural water cycle:

Note: Generally, it includes surface water sources and groundwater sources: 3:3 unconventionalwatersources The general term for mine water, rainwater, seawater, reclaimed water and salt water with a salinity greater than 2g/L: 3:4 reclaimed water Sewage (waste) water that can be reused after being treated to meet the water quality standards and requirements for a certain purpose: 3:5 mine water In the process of mine construction and mining, the water produced by the collection of underground water, surface infiltration water and production drainage: 3:6 brackish water salinewater; brackishwater Water with salinity greater than 3g/L:

4 Production water

4:1 process water In industrial production, it is used to manufacture and process products, as well as water related to manufacturing and processing processes: