



EFFICIENT WATER USE



- International level -



ISO/TC 224 – Drinking water, wastewater and stormwater systems and services

Scope	Standardization of the management concepts for service activities and processes relating to drinking water supply, wastewater and stormwater systems. This structure includes activities necessary to fulfil the objectives of water supply, wastewater and stormwater systems. Water supply for purposes other than drinking water can be included in this management concept structure. <i>[Extract]</i>	
Committee information	Published standards	38
	Standards under development	13

Major “ISO/TC 224” standards

Published standards	<u>ISO 46001:2019</u>	Water efficiency management systems — Requirements with guidance for use
	<u>ISO 46001:2019/Amd 1:2024</u>	Water efficiency management systems — Requirements with guidance for use — Amendment 1: Climate action changes
Standards under development	<u>ISO/WD 46001</u>	Water efficiency management systems — Requirements with guidance for use
	<u>ISO/WD TR 25371.3</u>	Smart water management - Examples and best practices

ISO/TC 207 – Environmental management

Scope	Standardization in the field of environmental management to address environmental and climate impacts, including related social and economic aspects, in support of sustainable development. <i>[Extract]</i>	
Committee information	National delegates	5
	Published standards	75
	Standards under development	15

Major “ISO/TC 207” standards

**European adoptions by CEN/SS S26*

Published standards	<u>ISO 14002-2:2023</u>	Environmental management systems — Guidelines for using ISO 14001 to address environmental aspects and conditions within an environmental topic area — Part 2: Water
	<u>ISO 14046:2014</u>	Environmental management — Water footprint — Principles, requirements and guidelines
	<u>ISO/TR 14073:2017</u>	Environmental management — Water footprint — Illustrative examples on how to apply ISO 14046
	<u>ISO 14017:2022</u>	Environmental management — Requirements with guidance for verification and validation of water statements

- International level -



ISO/TC 282/SC 4 – Industrial water reuse

Scope	Standardization in the field of industrial water reuse, include the following: Classification of industrial wastewater treatments; Industrial wastewater pre-treatment (before treatment plant) and/or treatment in industrial wastewater plant; Management and development of industrial wastewater – for reuse as a water source in industrial plants, which excludes the municipal treated wastewater use as a water source in industrial plants; Aspects of technology, economy, management and energy consumption of industrial wastewater reuse.	
Committee information	Published standards	11
	Standards under development	6

Major “ISO/TC 282/SC 4” standards

Published standards	<u>ISO 22449 series</u>	Use of reclaimed water in industrial cooling systems
	<u>ISO 22524:2020</u>	Pilot plan for industrial wastewater treatment facilities in the objective of water reuse
	<u>ISO 23043:2021</u>	Evaluation methods for industrial wastewater treatment reuse processes
	<u>ISO 23044:2020</u>	Guidelines for softening and desalination of industrial wastewater for reuse

ISO/TMBG – Technical Management Board – groups

Scope	ISO/TMBG refers to the groups that report to the ISO Technical Management Board (TMB). The TMB is the governance body responsible for the general management of the technical committee structure within ISO. As stated in clause 9.4 of the ISO Statutes, “The Technical Management Board may establish ad hoc technical and strategic advisory groups as deemed necessary to accomplish its responsibilities.” <i>[Extract]</i>	
Committee information	Published standards	70
	Standards under development	18

Major “ISO/TMBG” standards

Published standards	<u>ISO 31600:2022</u>	Water efficiency labelling programmes – Requirements with guidance for implementation
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- European level -



CEN/TC 478 – Water Resilience and Sustainable Use

Scope	Standardization in the field of water management, water stewardship, water conservation, water reuse, and service-related concepts and processes for drinking water supply, wastewater, stormwater, and water efficiency management systems. This includes activities required to achieve the goals of water supply, water conservation, wastewater and stormwater management, and reducing water usage. <i>[Extract]</i>	
Committee information	Published standards	0
	Standards under development	0