

## Ūdens ieguve, apgāde un notekūdeņu attīrīšana

Standarts		Saite	Kritēriji	Veids	Komentārs	Pieejamība
<b>Alliance for Water Stewardship</b>	<b>Water Stewardship Certification</b>	<a href="https://a4ws.org/certification/">https://a4ws.org/certification/</a>	Good water governance; Sustainable water balance; Good water quality status; Important water-related areas; Safe water, sanitation and hygiene for all (wash).	Applies to all types of water used by an organisation in its normal activities. This includes surface water, groundwater, recycled water, desalinated water, precipitation, non-renewable reserves (fossil water), and unusual sources such as snow or ice. The same applies to wastewater management and treatment.	Site level.	Vadlīnijas pieejamas reģistrējoties: <a href="https://a4ws.org/the-aws-standard-2-0/">https://a4ws.org/the-aws-standard-2-0/</a>
<b>EU Eco-Management and Audit Scheme (EMAS)</b>		<a href="https://green-business.ec.europa.eu/emas_en">https://green-business.ec.europa.eu/emas_en</a>	Energy efficiency; Material efficiency; Water; Waste; Land use with regard to biodiversity;	Organisations operating in all economic spheres (including local authorities, NGOs, etc.), of any size, including multiple sites.	A voluntary environmental management scheme instrument designed by the European Commission.	
<b>European Bureau for Research on Industrial Transformation and Emissions</b>	<b>BREF for Waste Water and Waste Gas Treatment / Management in the Chemical Sector</b>	<a href="https://eippcb.jrc.ec.europa.eu/reference/common-waste-water-and-waste-gas-treatmentmanagement-systems-chemical-sector-0">https://eippcb.jrc.ec.europa.eu/reference/common-waste-water-and-waste-gas-treatmentmanagement-systems-chemical-sector-0</a>		Common Waste Water and Waste Gas Treatment in the Chemical Sector.	Guidelines	Vadlīnijas pieejamas mājaslapā.
<b>ISO</b>	<b>14001:2015 Environmental management systems — Requirements with guidance for use</b>	<a href="https://www.iso.org/standard/60857.html">https://www.iso.org/standard/60857.html</a>	Provides a framework for organizations to design and implement an environmental management system, and continually improve their environmental performance. The framework encompasses various aspects, from resource usage and waste management to monitoring environmental performance and involving stakeholders in environmental commitments.			Maksas.
<b>ISO</b>	<b>14040:2006 Environmental management — Life cycle assessment — Principles and framework</b>	<a href="https://www.iso.org/standard/37456.html">https://www.iso.org/standard/37456.html</a>	Describes the principles and framework for life cycle assessment (LCA) including: definition of the goal and scope of the LCA, the life cycle inventory analysis (LCI) phase, the life cycle impact assessment (LCIA) phase, the life cycle interpretation phase, reporting and critical review of the LCA, limitations of the LCA, the relationship between the LCA phases, and conditions for use of value choices and optional elements. It does not describe the LCA technique in detail, nor does it specify methodologies for the individual phases of the LCA.			Maksas.

ISO	14044:2006 Environmental management — Life cycle assessment — Requirements and guidelines	<a href="https://www.iso.org/standard/38498.html">https://www.iso.org/standard/38498.html</a>	Specifies requirements and provides guidelines for life cycle assessment (LCA) including: definition of the goal and scope of the LCA, the life cycle inventory analysis (LCI) phase, the life cycle impact assessment (LCIA) phase, the life cycle interpretation phase, reporting and critical review of the LCA, limitations of the LCA, relationship between the LCA phases, and conditions for use of value choices and optional elements.			Maksas.
ISO	14046:2014 Environmental management — Water footprint — Principles, requirements and guidelines	<a href="https://www.iso.org/standard/43263.html">https://www.iso.org/standard/43263.html</a>	Specifies principles, requirements and guidelines related to water footprint assessment of products, processes and organizations based on life cycle assessment (LCA). Provides principles, requirements and guidelines for conducting and reporting a water footprint assessment as a stand-alone assessment, or as part of a more comprehensive environmental assessment.			Maksas.
ISO	16075-1:2020 Guidelines for treated wastewater use for irrigation projects	<a href="https://www.iso.org/standard/73482.html">https://www.iso.org/standard/73482.html</a>	Contains guidelines for the development and the execution of projects intending to use treated wastewater for irrigation and considers the parameters of climate and soil.		Guidelines	Maksas.
ISO	20400:2017 Sustainable procurement — Guidance	<a href="https://www.iso.org/standard/63026.html">https://www.iso.org/standard/63026.html</a>	Provides guidance to organizations on integrating sustainability within procurement. It is intended for stakeholders involved in, or impacted by, procurement decisions and processes.			Maksas.
ISO	20760-2:2017(en) Water reuse in urban areas — Guidelines for centralized water reuse system	<a href="https://www.iso.org/obp/ui/en/#iso:std:iso:20760:-2:ed-1:v1:en">https://www.iso.org/obp/ui/en/#iso:std:iso:20760:-2:ed-1:v1:en</a>	Provides guidelines for the management of centralized water reuse systems and water reuse applications in urban areas. Applicable to practitioners and authorities who intend to implement management concepts, principles and supports on centralized water reuse in a safe, reliable and sustainable manner.			Maksas.
ISO	24512:2024(en) Activities relating to drinking water and wastewater services — Guidelines for the management of drinking water utilities and for the assessment of drinking water services	<a href="https://www.iso.org/obp/ui/#iso:std:iso:24512:ed-2:v1:en">https://www.iso.org/obp/ui/#iso:std:iso:24512:ed-2:v1:en</a>	Provides guidelines for the management of drinking water utilities and the assessment of drinking water services. Applicable to publicly and privately owned and operated water utilities. It does not favour any particular ownership or operating model.			Maksas.

ISO	<b>24516-1:2016</b> Guidelines for the management of assets of water supply and wastewater systems	<a href="https://www.iso.org/standard/64117.html">https://www.iso.org/standard/64117.html</a>	Specifies guidelines for technical aspects, tools and good practices for the management of assets of drinking water networks to maintain value from existing assets. Focuses on the assets typically owned or operated by drinking water utilities that are expected to meet customer needs and expectations over longer periods.	All types and sizes of organization and/or utilities operating drinking water systems, and all different roles/functions for the management of assets within a utility (e.g. asset owner/responsible body, asset manager/operator, service provider/operator).		Maksas.
ISO	<b>24521:2016</b> Activities relating to drinking water and wastewater services — Guidelines for the management of basic on-site domestic wastewater services	<a href="https://www.iso.org/standard/64679.html">https://www.iso.org/standard/64679.html</a>	Provides guidance for the management of basic on-site domestic wastewater services, using appropriate technologies in their entirety at any level of development. It includes the following: guidelines for the management of basic on-site domestic wastewater services from the operator's perspective, including maintenance techniques, training of personnel and risk considerations; guidelines for the management of basic on-site domestic wastewater services from the perspective of users; guidance on the design and construction of basic on-site domestic wastewater systems; guidance on planning, operation and maintenance, and health and safety issues.			Maksas.
ISO	<b>24525:2022</b> Drinking water, wastewater and stormwater systems and services — Operation and maintenance of on-site domestic wastewater services	<a href="https://www.iso.org/standard/76528.html">https://www.iso.org/standard/76528.html</a>	Provides guidance and specifications for the operation and maintenance (O&M) of on-site domestic wastewater services, using appropriate technologies at any level of development. Applicable to both publicly and privately operated on-site domestic wastewater (blackwater and greywater) systems for one or more dwellings or other premises where wastewater is generated.			Maksas.
ISO	<b>46001:2019</b> Water efficiency management systems — Requirements with guidance for use	<a href="https://www.iso.org/standard/68286.html">https://www.iso.org/standard/68286.html</a>	Specifies requirements and contains guidance for its use regarding organizational water use. It includes monitoring, measurement, documentation, reporting, design and procurement practices for equipment, systems, processes and personnel training that contribute to water efficiency management. It is applicable to organizations of all types and sizes that use water.			Maksas.
ISO	<b>50001</b> Energy management	<a href="https://www.iso.org/iso-50001-energy-management.html">https://www.iso.org/iso-50001-energy-management.html</a>	Provides a framework of requirements for organizations to: Develop a policy for more efficient use of energy; Fix targets and objectives to meet the policy; Use data to better understand and make decisions about energy use; Measure the results; Review how well the policy works; Continually improve energy management.			Maksas.

ISO	59004:2024 Circular economy — Vocabulary, principles and guidance for implementation	<a href="https://www.iso.org/standard/80648.html">https://www.iso.org/standard/80648.html</a>	Includes defining key terms and concepts, outlining a vision for a circular economy, elucidating core principles, and offering practical guidance for actionable steps towards sustainability. The standard aims to support organizations in contributing to the United Nations Agenda 2030 for Sustainable Development by facilitating a transition to a circular use of resources.			Maksas.
ISO	59010:2024 Circular economy — Guidance on the transition of business models and value networks	<a href="https://www.iso.org/standard/80649.html">https://www.iso.org/standard/80649.html</a>	Focuses on business-oriented strategies to implement circular economy practices at both organizational and inter-organizational levels. It complements ISO 59004 by offering more detailed guidance on assessing current value creation models, mapping value chains and value networks, and developing strategies for circularity. ISO 59010 is designed to help organizations make this transition effectively, contributing to sustainable business practices and a resilient global economy.			Maksas.
ISO	59020:2024 Circular economy — Measuring and assessing circularity performance	<a href="https://www.iso.org/standard/80650.html">https://www.iso.org/standard/80650.html</a>	Sets forth requirements and guidance for organizations to measure and assess their circularity performance within defined economic systems. This document aims to standardize the process by which organizations collect and calculate data using mandatory and optional circularity indicators, ensuring consistent and verifiable results. It provides a structured framework for setting system boundaries, selecting appropriate indicators, and interpreting data to evaluate the circularity performance at multiple levels—from regional and inter-organizational to organizational and product-specific levels.			Maksas.