



ISO 46001:2019 Water efficiency management systems — Requirements with guidance for use

What is ISO 46001:2019 Water efficiency management system?

This document specifies requirements and contains guidance for its use in establishing, implementing and maintaining a water efficiency management system. It is applicable to organizations of all types and sizes that use water. It is focused on end-use consumers.

This document is applicable to any organization that wishes to:

- achieve the efficient use of water through the 'reduce, replace or reuse' approach;
- establish, implement and maintain water efficiency;
- continually improve water efficiency.

This document 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.

Main requirements of the standard

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 organisations of all types and sizes that use water and is focused on end-use consumers.

List of International Organization for Standardization standards

This is a list of published International Organization for Standardization (ISO) standards and other deliverables. For a complete and up-to-date list of all the ISO standards, see the ISO catalogue.

The standards are protected by copyright and most of them must be purchased. However, about 300 of the standards produced by ISO and IEC's Joint Technical Committee 1 (JTC 1) have been made freely and publicly available.



ISO Brand

This is a dynamic list and may never be able to satisfy particular standards for completeness. You can help by adding missing items with reliable sources.

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What are the benefits of Water efficiency?

Efficient water use can have major environmental, public health, and economic benefits by helping to improve water quality, maintain aquatic ecosystems, and protect drinking water resources.

- How do you calculate Water efficiency?
- The water use efficiency is the ration between dry matter production of a plant (the output) divided by evapotranspiration. Therefore the equation for Water use efficiency (WUE) will be written as: **Dry matter production (kg/ha) / ET (in mm)**.

Ways to Increase Water Efficiency

1. Replace older, high-flow water closets and flush valves with models that meet current UPC and IPC requirements. ...
2. Utilize dual-flush valves on water closets. ...

3. Consider replacing existing plumbing fixtures with high-efficiency fixtures that exceed UPC and IPC requirements.

5 ways to save water

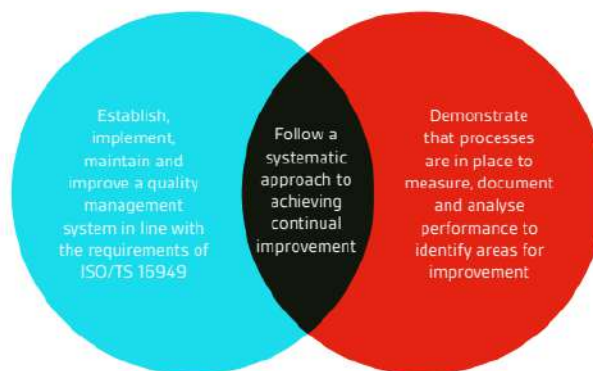
1. Check your toilet for leaks.
2. Stop using your toilet as an ashtray or wastebasket
3. Put a plastic bottle in your toilet tank
4. Take shorter showers
5. Install water-saving shower heads or flow restrictors

Which of the ISO standard provide guidelines for management system?

ISO 27001: Information Security Management System

ISO 27001 is the standard for an Information Security Management System (ISMS). The basic objective of the standard is to provide a model for establishing and maintaining an effective IT information management system based on the process approach.

The principal requirements of the standard are illustrated below:



The next few pages of the guide takes you through the Plan-Do-Check-Act (PDCA) methodology, common in all ISO management systems and how DCS can help and support you on your ISO/TS 16949 journey.

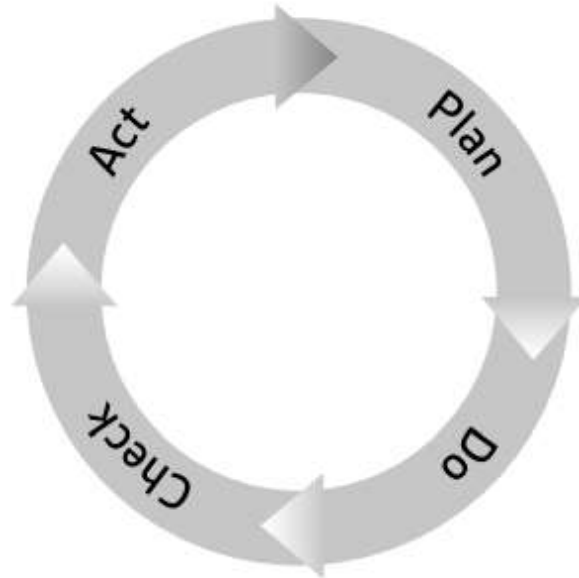
Understanding the principles of continual improvement

Act

Correct and improve your plans to meet and exceed your planned results

Check

Measure and monitor your actual results against your planned objectives



Plan

Establish objectives and draft your plans (analyse your organization's current systems, establish overall objectives, set interim targets for review and develop plans to achieve them)

Do

Implement your plans within a structured management framework