

<b>STN</b>	<b>Vodárenstvo Požiadavky na systémy a súčasti pre akumuláciu vody</b>	<b>STN EN 1508</b>
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Water supply - Requirements for systems and components for the storage of water

Táto norma obsahuje anglickú verziu európskej normy.  
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 12/25

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English Version

**Water supply - Requirements for systems and components  
for the storage of water**

Alimentation en eau - Prescriptions pour les systèmes  
et les composants pour le stockage de l'eau

Wasserversorgung - Anforderungen an Systeme und  
Bestandteile der Wasserspeicherung

This European Standard was approved by CEN on 1 September 2025.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CEN member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

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**CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels**

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**EN 1508:2025 (E)****European foreword**

This document (EN 1508:2025) has been prepared by Technical Committee CEN/TC 164 "Water supply", the secretariat of which is held by AFNOR.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by April 2026, and conflicting national standards shall be withdrawn at the latest by April 2026.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN shall not be held responsible for identifying any or all such patent rights.

This document supersedes EN 1508:1998.

EN 1508:2025 includes the following significant technical changes with respect to EN 1508:1998:

- improvements related to the long-term resilience and security of drinking water storage and demand management;
- clarification of terms used to describe different types of pumped or gravity fed reservoirs;
- improved and updated figures;
- addressing innovations in ventilation and air control;
- new Clause A.8 added, giving guidance on the selection of ventilation systems;
- new Clause A.9 added, showing a typical inspection checklist.

Any feedback and questions on this document should be directed to the users' national standards body. A complete listing of these bodies can be found on the CEN website.

According to the CEN-CENELEC Internal Regulations, the national standards organisations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Türkiye and the United Kingdom.

## Introduction

In specifying the requirements of this document, due regard has been taken of the importance of a reliable and safe supply of water for human consumption as well as for the purpose of trade, industry, agriculture and firefighting.

This document is written for the designer, owner, operator and contractor.

The contractor can be the builder or be performing maintenance, cleaning and inspection.

The widely varying water supply legislative requirements, populations, social and climatic conditions have also been taken into account.

It is not intended that existing reservoirs are altered to comply with this document, provided that there are no significant detrimental effects on water quality.

**EN 1508:2025 (E)**

## 1 Scope

This document specifies and gives guidance on:

- general requirements for storage of water outside consumers' buildings, including service reservoirs for potable water and reservoirs containing water not for human consumption at intake works or within treatment works, excluding those that are part of the treatment process;
- design;
- general requirements for product standards;
- requirements for quality control and auditing, testing and commissioning;
- operational requirements;
- requirements for inspection, rehabilitation and repair.

The requirements of this document are applicable to:

- design and construction of new reservoirs;
- extension and modification of existing reservoirs;
- significant rehabilitation of existing reservoirs.

This document does not apply to reservoirs formed by the building of dams or the use of lakes for water storage purposes.

## 2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 805, *Water supply — Requirements for systems and components outside buildings*

EN 1992-1-1, *Eurocode 2 — Design of concrete structures — Part 1-1: General rules and rules for buildings, bridges and civil engineering structures*

EN 15975-1, *Security of drinking water supply — Guidelines for risk and crisis management — Part 1: Crisis management*

EN 15975-2, *Security of drinking water supply — Guidelines for risk and crisis management — Part 2: Risk management*

**koniec náhľadu – text ďalej pokračuje v platenej verzii STN**