

	Water supply Requirements for systems and components for the storage of water English version of DIN EN 1508	DIN EN 1508
--	---	------------------------------

ICS 13.060.01; 13.060.20

Descriptors: Water supply, storage, testing.

Wasserversorgung – Anforderungen an Systeme und Bestandteile der Wasserspeicherung

European Standard EN 1508 : 1998 has the status of a DIN Standard.

National foreword

This standard has been prepared by CEN/TC 164.

The responsible German body involved in its preparation was the *Normenausschuß Wasserwesen* (Water Practice Standards Committee), Technical Committee *Rohrleitungsbau*.

Users of this standard should note that national regulations exist in Germany dealing with the characteristics and treatment of water for human consumption, such as the *Lebensmittel- und Bedarfsgegenständegesetz* (German Foodstuffs Act) and the *Trinkwasserverordnung* (German Regulation on drinking water and on water for the foodstuffs industry).

National Annex NA

Documents referred to

(and not included in **Normative references**)

Lebensmittel- und Bedarfsgegenständegesetz, as of 15 August 1974, *BGBl.* (German Federal Law Gazette) I, No. 95, p. 1945.

Verordnung über Trinkwasser und über Wasser für Lebensmittelbetriebe, as of 15 December 1990, *BGBl.* I, No. 66, p.2613.

EN comprises 29 pages.

ICS 13.060.01; 13 060.20

Descriptors: Water supply, storage, testing.

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 1998-07-24.

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 Central Secretariat or to any CEN member.

The European Standards exist 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 Central Secretariat has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, the Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, the Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, and the United Kingdom.

CEN

European Committee for Standardization
Comité Européen de Normalisation
Europäisches Komitee für Normung

Central Secretariat: rue de Stassart 36, B-1050 Brussels

Contents	Page
Foreword	3
Introduction	3
1 Scope	3
2 Normative references	4
3 Definitions	4
3.1 capacity	4
3.2 compartment	4
3.3 control building	4
3.4 designer	4
3.5 elevated reservoir	4
3.6 rehabilitation	5
3.7 repair	5
3.8 reservoir	5
3.9 service reservoir	5
3.10 water demand	5
3.11 watertightness	5
4 Application of standards and regulations	5
5 General requirements	5
5.1 General	5
5.2 Functional requirements	7
6 Design requirements	11
6.1 Watertightness	11
6.2 Structural design	12
6.3 Further provisions	14
7 General requirements for product standards	14
8 Checks, testing and commissioning	15
8.1 General considerations	15
8.2 Checks for movement	15
8.3 Watertightness tests	16
8.4 Cleaning and disinfection	17
8.5 Commissioning	19
9 Operational requirements	19
9.1 Introduction	19
9.2 Maintenance	20
9.3 Cleaning and disinfection	20
10 Rehabilitation and repair requirements	20
10.1 Introduction	20
10.2 Survey	20
10.3 Prevention of contamination	21
10.4 Return to service	21
Annex A (informative) Guidance to EN 1508	22
A.1 ad 5.1.1 Tasks	22
A.2 ad 5.1.2 Decision criteria and system configuration	22
A.3 ad 5.2.2.1 Access and security	25
A.4 ad 5.3.2.4 Monitoring	25
A.5 ad 8.1.2 Hygiene and 8.1.3 Safety	25
A.6 ad 8.3.4 and 8.4.4 Example of a test procedure report	27
A.7 ad 9.1.4 Operating manual	29