

**Specifications for installations inside buildings
conveying water for human consumption - Part 1:
General**

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN 806-1:2001 sisaldab Euroopa standardi EN 806-1:2000 ingliskeelset teksti.

Standard on kinnitatud Eesti Standardikeskuse 16.02.2001 käskkirjaga ja jõustub sellekohase teate avaldamisel EVS Teatajas.

Euroopa standardimisorganisatsioonide poolt rahvuslikele liikmetele Euroopa standardi teksti kättesaadavaks tegemise kuupäev on .

Standard on kättesaadav Eesti standardiorganisatsioonist.

This Estonian standard EVS-EN 806-1:2001 consists of the English text of the European standard EN 806-1:2000.

This standard is ratified with the order of Estonian Centre for Standardisation dated 16.02.2001 and is endorsed with the notification published in the official bulletin of the Estonian national standardisation organisation.

Date of Availability of the European standard text .

The standard is available from Estonian standardisation organisation.

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English version

Specifications for installations inside buildings conveying water
for human consumption - Part 1: General

Spécifications techniques relatives aux installations pour
l'eau destinée à la consommation humaine à l'intérieur des
bâtiments - Partie 1: Généralités

Technische Regeln für Trinkwasser-Installationen - Teil 1:
Allgemeines

This European Standard was approved by CEN on 20 January 2000.

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.

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 Central Secretariat has the same status as the official versions.

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



EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

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Foreword

This European Standard 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 March 2001, and conflicting national standards shall be withdrawn at the latest by March 2001.

Annex A of this European Standard is informative.

NOTE This is the first part of the European Standard EN 806 consisting of 5 parts as follows :

EN 806-1, General

EN 806-2, Design

EN 806-3, Pipe sizing

EN 806-4, Installation

EN 806-5, Operation and maintenance

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

1 Scope

This European Standard specifies requirements for and gives recommendations on the design, installation, alteration, testing, maintenance and operation of potable water installations within buildings and, for certain purposes, pipework outside buildings but within the premises (see Figure 1).

It covers the system of pipes, fittings and connected appliances installed for supplying potable water.

If there is a private drinking water supply within the property boundary, the scope of this standard also covers the pipe system from the point of entry from that private water supply.

The sphere of application ends at the downstream end of the potable water installation at which point must be an air gap, (e. g. at a kitchen tap) or a protection device, (e. g. at a hose union tap).

2 Normative references

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies.

EN 805:1999, *Water supply – Requirements for systems and components outside buildings.*

EN 1717:1999, *Protection against pollution of potable water in drinking water installations and general requirements of devices to prevent pollution by backflow.*

EN 60617-2, *Graphical symbols for diagrams – Part 2: Symbol elements, qualifying symbols and other symbols having general application.*

EN 60617-4, *Graphical symbols for diagrams – Part 4: Basic passive components.*

EN 60617-6, *Graphical symbols for diagrams – Part 6: Production and conversion of electrical energy.*

prEN 806-2:1996, *Specifications for installations inside buildings conveying water for human consumption – Part 2: Design.*

prEN 806-3:1997, *Specifications for installations inside buildings conveying water for human consumption – Part 3: Pipe sizing.*

ISO 4063, *Welding, and allied processes – Nomenclature of processes and reference numbers.*

ISO 6412-1, *Technical drawings – Simplified representation of pipelines – Part 1: General rules and orthogonal representation.*

ISO 14617-3, *Graphical symbols for diagrams – Part 3: Connections and related devices.*

ISO 14617-4, *Graphical symbols for diagrams – Part 4: Actuators and related devices.*

ISO 14617-5, *Graphical symbols for diagrams – Part 5: Measurement and control devices.*

ISO 14617-21, *Graphical symbols for diagrams – Part 21: Basic mechanical components.*

ISO 14617-22, *Graphical symbols for diagrams – Part 22: Valves and dampers.*