



NSAI
Standards

Irish Standard
I.S. EN 806-4:2010

Specifications for installations inside buildings conveying water for human consumption - Part 4: Installation

I.S. EN 806-4:2010

Incorporating amendments/corrigenda/National Annexes issued since publication:

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English Version

Specifications for installations inside buildings conveying water for human consumption - Part 4: Installation

Spécifications techniques relatives aux installations d'eau
destinée à la consommation humaine à l'intérieur des
bâtiments - Partie 4 : Installation

Technische Regeln für Trinkwasser-Installationen - Teil 4:
Installation

This European Standard was approved by CEN on 23 January 2010.

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Foreword

This document (EN 806-4:2010) 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of an identical text or by endorsement, at the latest by September 2010, and conflicting national standards shall be withdrawn at the latest by September 2010.

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

This document is intended for the use of engineers, architects, surveyors, contractors, installers, water suppliers, consumers and regulatory authorities.

This standard has been written in the form of a practice specification. It is the fourth part of a European Standard consisting of five parts as follows:

- *Part 1: General*
- *Part 2: Design*
- *Part 3: Pipe sizing — Simplified method*
- *Part 4: Installation*
- *Part 5: Operation and maintenance*

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1 Scope

This European Standard specifies requirements and gives recommendations for the installation of potable water installations within buildings and for pipework outside buildings but within the premises in accordance with EN 806-1. This European Standard is applicable to new installations, alterations and repairs.

2 Normative references

The following referenced documents are indispensable for the application 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 200, *Sanitary tapware — Single taps and combination taps for water supply systems of type 1 and type 2 — General technical specification*

EN 545:2006, *Ductile iron pipes, fittings, accessories and their joints for water pipelines — Requirements and test methods*

EN 681-1, *Elastomeric seals — Material requirements for pipe joint seals used in water and drainage applications — Part 1: Vulcanized rubber*

EN 751-1, *Sealing materials for metallic threaded joints in contact with 1st, 2nd and 3rd family gases and hot water — Part 1: Anaerobic jointing compounds*

EN 751-2, *Sealing materials for metallic threaded joints in contact with 1st, 2nd and 3rd family gases and hot water — Part 2: Non-hardening jointing compounds*

EN 751-3, *Sealing materials for metallic threaded joints in contact with 1st, 2nd and 3rd family gases and hot water — Part 3: Unsintered PTFE tapes*

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

EN 806-1:2000, *Specifications for installations inside buildings conveying water for human consumption — Part 1: General*

EN 806-2, *Specification for installations inside buildings conveying water for human consumption — Part 2: Design*

EN 817, *Sanitary tapware — Mechanical mixing valves (PN 10) — General technical specifications*

EN 1044, *Brazing — Filler metals*

EN 1057, *Copper and copper alloys — Seamless, round copper tubes for water and gas in sanitary and heating applications*

EN 1092 (all parts), *Flanges and their joints — Circular flanges for pipes, valves, fittings and accessories, PN designated*

EN 1111, *Sanitary tapware — Thermostatic mixing valves (PN 10) — General technical specification*

EN 1254-1, *Copper and copper alloys — Plumbing fittings — Part 1: Fittings with ends for capillary soldering or capillary brazing to copper tubes*

EN 1254-2, *Copper and copper alloys — Plumbing fittings — Part 2: Fittings with compression ends for use with copper tubes*

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