

EUROPEAN STANDARD

**EN 877**

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EUROPÄISCHE NORM

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English Version

## Cast iron pipe systems and their components for the evacuation of water from works - characteristics and test methods

Réseaux de canalisations en fonte et leurs composants  
pour l'évacuation des eaux des bâtiments -  
Caractéristiques et méthodes d'essai

Rohrsysteme aus Gusseisen und ihre Komponenten zur  
Entwässerung von Gebäuden - Merkmale und  
Prüfverfahren

This European Standard was approved by CEN on 16 August 2021.

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.

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## European foreword

This document (EN 877:2021) has been prepared by Technical Committee CEN/TC 203 “Cast iron pipes, fittings and their joints”, 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of an identical text or by endorsement, at the latest by April 2022, and conflicting national standards shall be withdrawn at the latest by April 2022.

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 has been prepared under a Mandate given to CEN by the European Commission and the European Free Trade Association.

This document supersedes EN 877:1999, EN 877:1999/A1:2006 and EN 877:1999/A1:2006/AC:2008.

This document includes the following significant technical changes with respect to the previous:

- a) Product standard has been extended to kit and components standard.
- b) Chapter 4 about characteristics has been restructured with all essential characteristics first.
- c) Grip collars have been included as kit components.
- d) Pressure tightness including Fittings with access as a kit component has been added.
- e) Fire reaction classification has been amended with the agreement of WG 4 of TC 127.
- f) Chapter 6 about Assessment and verification of constancy of performance – AVCP has been updated.

This document is one of a series of standards for cast iron products for pipelines for various applications.

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, Turkey and the United Kingdom.