

DIN EN 1559-3

DIN

ICS 77.140.80

Supersedes
DIN EN 1559-3:1997-08

**Founding –
Technical conditions of delivery –
Part 3: Additional requirements for iron castings
English translation of DIN EN 1559-3:2012-01**

Gießereiwesen –

Technische Lieferbedingungen –

Teil 3: Zusätzliche Anforderungen an Eisengussstücke

Englische Übersetzung von DIN EN 1559-3:2012-01

Fonderie –

Conditions techniques de fourniture –

Partie 3: Spécifications complémentaires pour les pièces moulées en fonte

Traduction anglaise de DIN EN 1559-3:2012-01

Document comprises 18 pages

Translation by DIN-Sprachendienst.

In case of doubt, the German-language original shall be considered authoritative.



A comma is used as the decimal marker.

National foreword

This standard has been prepared by Technical Committee CEN/TC 190 “Foundry technology” (Secretariat: DIN, Germany).

The responsible German body involved in its preparation was the *Normenausschuss Gießereiwesen* (Foundry Practice Standards Committee), Working Committee NA 036-00-04 AA *Geometrische Produktspezifikation und Technische Lieferbedingungen*.

Amendments

This standard differs from DIN EN 1559-3:1997-08 as follows:

- a) in Subclause 7.3.3, information regarding the inner and outer condition of the casting and related non-destructive testing has been added;
- b) Annex A (informative) “Guidelines for the specification of acceptance criteria for the outer and inner conditions (non-destructive testing)” has been added;
- c) Annex B (informative) “Guidelines for the specification of acceptance criteria for surface condition (visual check) has been added;
- d) Annex C (informative) “Significant technical changes between this European standard and the previous edition” has been added;
- e) the Bibliography (which is no longer an annex) has been transferred to the end of the standard.

Previous editions

DIN EN 1559-3: 1997-08

English Version

Founding - Technical conditions of delivery - Part 3: Additional requirements for iron castings

Fonderie - Conditions techniques de fourniture - Partie 3:
Spécifications complémentaires pour les pièces moulées
en fonte

Gießereiwesen - Technische Lieferbedingungen - Teil 3:
Zusätzliche Anforderungen an Eisengussstücke

This European Standard was approved by CEN on 17 September 2011.

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.

CEN members are the national standards bodies of 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, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.



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

Management Centre: Avenue Marnix 17, B-1000 Brussels

Contents

Page

Foreword.....	3
Introduction	4
1 Scope	5
2 Normative references	5
3 • Terms and definitions	5
4 Information to be supplied by the purchaser	6
4.1 • Mandatory information.....	6
4.2 Optional information.....	6
4.3 • Drawings, patterns and tools	6
4.4 • Information on the mass	6
4.5 • Preliminary sample.....	6
4.6 • Initial sample	6
5 Designations	6
6 Manufacture.....	6
6.1 • Manufacturing process	6
6.2 Welding operations.....	6
7 Requirements	7
7.1 • General	7
7.2 Material	7
7.3 Casting.....	7
8 Inspection	8
8.1 • General	8
8.2 • Type of inspection documents and type of inspection	8
8.3 Test unit	8
8.4 • Samples	9
8.5 • Test	9
8.6 • Invalidation of tests	9
8.7 • Retests	9
8.8 • Sorting and reprocessing	9
9 • Marking	9
10 • Packaging and surface protection.....	9
11 • Complaints	9
Annex A (informative) Guidelines for the specification of acceptance criteria for the outer and inner conditions (non-destructive testing)	10
Annex B (informative) Guidelines for the specification of acceptance criteria for surface condition (visual check).....	13
Annex C (informative) Significant technical changes between this European standard and the previous edition	15
Bibliography	16