



NSAI
Standards

Irish Standard
I.S. EN 10207:2017

Steels for simple pressure vessels - Technical delivery requirements for plates, strips and bars

I.S. EN 10207:2017

Incorporating amendments/corrigenda/National Annexes issued since publication:

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National Foreword

I.S. EN 10207:2017 is the adopted Irish version of the European Document EN 10207:2017, Steels for simple pressure vessels - Technical delivery requirements for plates, strips and bars

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EUROPEAN STANDARD

EN 10207

NORME EUROPÉENNE

EUROPÄISCHE NORM

November 2017

ICS 77.140.30

Supersedes EN 10207:2005

English Version

Steels for simple pressure vessels - Technical delivery requirements for plates, strips and bars

Aciers pour appareils à pression simples - Conditions techniques de livraison des tôles, bandes et barres

Stähle für einfache Druckbehälter - Technische Lieferbedingungen für Blech, Band und Stabstahl

This European Standard was approved by CEN on 28 August 2017.

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European foreword

This document (EN 10207:2017) has been prepared by Technical Committee ECISS/TC 107 “Steels for pressure purposes”, the secretariat of which is held by DIN.

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of an identical text or by endorsement, at the latest by May 2018, and conflicting national standards shall be withdrawn at the latest by May 2018.

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 supersedes EN 10207:2005.

A list of the main changes between this document and EN 10207:2005 can be found in Annex B.

This document has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association, and supports essential requirements of EU Directive 2014/29/EU.

For relationship with EU Directive 2014/29/EU, see informative Annex ZA, which is an integral part of this document.

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EN 10207:2017 (E)

1 Scope

This European Standard specifies the technical delivery requirements for plates, strips and bars made of steel in accordance with the specifications for pressurized parts in simple pressure vessels as defined in the Directive 2014/29/EU (see Annex A) and standardized in EN 286-1 to EN 286-3.

NOTE Once this European Standard is published in the EU Official Journal (OJEU) under Directive 2014/29/EU, presumption of conformity to the Essential Safety Requirements (ESRs) of Directive 2014/29/EU is limited to technical data of materials in this European Standard and does not presume adequacy of the material to a specific item of equipment. Consequently, the assessment of the technical data stated in this material standard against the design requirements of this specific item of equipment to verify that the ESRs of Directive 2014/29/EU are satisfied, needs to be done.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 10020:2000, *Definition and classification of grades of steel*

EN 10021:2006, *General technical delivery conditions for steel products*

EN 10027-1:2016, *Designation systems for steels - Part 1: Steel names*

EN 10027-2:2015, *Designation systems for steels - Part 2: Numerical system*

EN 10029:2010, *Hot-rolled steel plates 3 mm thick or above - Tolerances on dimensions and shape*

EN 10048:1996, *Hot rolled narrow steel strip - Tolerances on dimensions and shape*

EN 10051:2010, *Continuously hot-rolled strip and plate/sheet cut from wide strip of non-alloy and alloy steels - Tolerances on dimensions and shape*

EN 10058:2003, *Hot rolled flat steel bars for general purposes - Dimensions and tolerances on shape and dimensions*

EN 10059:2003, *Hot rolled square steel bars for general purposes - Dimensions and tolerances on shape and dimensions*

EN 10060:2003, *Hot rolled round steel bars for general purposes - Dimensions and tolerances on shape and dimensions*

EN 10061:2003, *Hot rolled hexagon steel bars for general purposes - Dimensions and tolerances on shape and dimensions*

EN 10079:2007, *Definition of steel products*

EN 10160:1999, *Ultrasonic testing of steel flat product of thickness equal or greater than 6 mm (reflection method)*

EN 10163-2:2004, *Delivery requirements for surface condition of hot-rolled steel plates, wide flats and sections - Part 2: Plate and wide flats*

EN 10168:2004, *Steel products - Inspection documents - List of information and description*

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