

საქართველოს სტანდარტი

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სსტ ენ 10025-2:2019/2021

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EUROPEAN STANDARD

EN 10025-2

NORME EUROPÉENNE

EUROPÄISCHE NORM

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Supersedes EN 10025-2:2004

English Version

Hot rolled products of structural steels - Part 2: Technical delivery conditions for non-alloy structural steels

Produits laminés à chaud en aciers de construction -
Partie 2 : Conditions techniques de livraison pour les
aciers de construction non alliés

Warmgewalzte Erzeugnisse aus Baustählen - Teil 2:
Technische Lieferbedingungen für unlegierte
Baustähle

This European Standard was approved by CEN on 16 June 2019.

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Contents

Page

European foreword 4

1 Scope..... 6

2 Normative references..... 6

3 Terms and definitions 8

4 Classification and designation 9

4.1 Classification 9

4.1.1 Main quality classes 9

4.1.2 Grades and qualities 9

4.2 Designation 9

5 Information to be supplied by the purchaser..... 9

5.1 Mandatory information 9

5.2 Options..... 10

6 Manufacturing process 10

6.1 Steel making process 10

6.2 Deoxidation..... 10

6.3 Delivery conditions 10

7 Requirements..... 11

7.1 General 11

7.2 Chemical composition 11

7.3 Mechanical properties 12

7.3.1 General 12

7.3.2 Impact properties 12

7.3.3 Improved deformation properties perpendicular to the surface 12

7.4 Technological properties..... 13

7.4.1 Weldability 13

7.4.2 Formability and flame straightening..... 13

7.4.3 Hot-dip zinc-coating..... 14

7.4.4 Machinability..... 14

7.5 Surface properties 14

7.5.1 Strip 14

7.5.2 Plates and wide flats 14

7.5.3 Sections..... 14

7.5.4 Bars and rods 15

7.6 Internal soundness..... 15

7.7 Dimensions, tolerances on dimensions and shape, mass..... 15

8 Inspection 15

8.1 Type of inspection and inspection document..... 15

8.2 Content of inspection document 16

8.3 Tests to be carried out for specific inspection 16

9 Frequency of testing and preparation of samples and test pieces..... 16

9.1 Frequency of testing 16

9.1.1 Chemical analysis..... 16

9.1.2 Mechanical tests 16

9.2 Preparation of samples and test pieces 17

9.2.1 Selection and preparation of samples for chemical analysis..... 17

9.2.2 Location of samples and orientation of test pieces for mechanical tests 17

9.2.3 Preparation of test pieces for mechanical tests..... 17

საინფორმაციო ნაწილი. სრული ტექსტის სახასიათოდ შეიძინეთ სტანდარტი.

9.3	Identification of samples and test pieces.....	18
10	Test methods.....	18
10.1	Chemical analysis	18
10.2	Mechanical tests.....	18
10.2.1	Tensile test.....	18
10.2.2	Impact test	19
10.3	Ultrasonic testing	19
10.4	Retests	19
11	Marking, labelling, packaging.....	19
12	Complaints	20
13	Options	20
	Annex A (normative) Location of samples and test pieces.....	36
	Annex B (informative) List of Options of EN 10025-2 to -6	39
	Bibliography	41

European foreword

This document (EN 10025-2:2019) has been prepared by Technical Committee CEN/TC 459/SC 3 “Structural steels other than reinforcement”, 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 February 2020 and conflicting national standards shall be withdrawn at the latest by February 2020.

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 10025-2:2004.

This document consists of the following parts, under the general title *Hot rolled products of structural steels*:

- *Part 1: General technical delivery conditions*
- *Part 2: Technical delivery conditions for non-alloy structural steels*
- *Part 3: Technical delivery conditions for normalized/normalized rolled weldable fine grain structural steels*
- *Part 4: Technical delivery conditions for thermomechanical rolled weldable fine grain structural steels*
- *Part 5: Technical delivery conditions for structural steels with improved atmospheric corrosion resistance*
- *Part 6: Technical delivery conditions for flat products of high yield strength structural steels in the quenched and tempered condition*

For a short transition period, there will be a coexistence of EN 10025-1:2004 with EN 10025-2:2019 to EN 10025-6:2019, since the new EN 10025-1 has to fulfil the requirements of the CPR and will therefore be published later. For this short transition period up-to-the publication of the next edition of part 1 the following is to be taken into account for EN 10025-1:2004:

- a) all dated and undated references to EN 10025-1:2004 to EN 10025-6:2004 are unchanged to this version with following exception: In 9.2.2.1 the references are 8.3.1 and 8.3.2 instead of 8.4.1 and 8.4.2;
- b) Clauses 5, 12 and 13 of EN 10025-1:2004 are no longer relevant.

The main changes with respect to the previous edition are listed below:

- a) part 2 is now a stand-alone standard for technical delivery conditions including the preparation of samples and test pieces, the test methods, the marking, labelling and packaging and the drawings;
- b) for applications under the CPR, this document and part 1 are used together;
- c) requirements for elements not defined were added to 7.2.1 and 7.2.2;
- d) Option 33 was added, Options 9 and 21 were deleted;
- e) Si-content in 7.2.5 was changed;
- f) 7.4.3 concerning hot-dip zinc coating was modified;

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- g) key to Figure A.1 was updated;
- h) steel grade S450 was deleted and steel grades S460 and S500 were added;
- i) Annex B concerning the corresponding EURONORMS was deleted;
- j) references were updated and the document was editorially revised.

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, Republic of North Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.