

საქართველოს სტანდარტი

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3 პირველად

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English Version

Hot rolled products of structural steels - Part 5: Technical
delivery conditions for structural steels with improved
atmospheric corrosion resistance

Produits laminés à chaud en aciers de construction -
Partie 5 : Conditions techniques de livraison pour les
aciers de construction à résistance améliorée à la
corrosion atmosphérique

Warmgewalzte Erzeugnisse aus Baustählen - Teil 5:
Technische Lieferbedingungen für wetterfeste
Baustähle

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

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European foreword

This document (EN 10025-5:2019) has been prepared by Technical Committee CEN/TC 459/SC 3 “Structural steels other than reinforcements”, 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of an identical text or by endorsement, at the latest by February 2020 and conflicting national standards shall be withdrawn at the latest by February 2020.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 10025-5:2004.

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 5 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 to be used together;
- c) requirements for elements not defined were added to 7.2.1 and 7.2.2;
- d) Option 33 were added, Options 9 and 21 were deleted;
- e) key to Figure A.1 was updated;

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- f) steel grades S355J4, S420J0W, S420J2W, S420J4W, S460J0W, S460J2W and S460J4W were added to Tables 1 to 5;
- g) Annex B concerning the corresponding EURONORMS deleted;
- h) references were updated and document editorial revised.

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