INTERNATIONAL STANDARD

ISO 630-3

Second edition
2021-04

Structural steels —

Part 3: Technical delivery conditions for fine-grain structural steels

Aciers de construction —

Partie 3: Conditions techniques de livraison pour aciers de construction à grains fins

Reference number
ISO 630-3:2021(E)

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Published in Switzerland

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Foreword

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This document was prepared by Technical Committee ISO/TC 17, Steel, Subcommittee SC 3, Steel for structural purposes.

This second edition cancels and replaces the first edition (ISO 630-3:2012), which has been technically revised. The main changes compared to the previous edition are as follows:

- grades S390N, S390M, S500M and pertaining requirements have been added;
- applicable thickness ranges have been added in the scope;
- additional terms and definitions concerning heat treatments have been deleted because ISO 4885 is in normative references of ISO 630-1;
- quality E has been renamed L (impact testing at -50 °C) to keep quality E for impact testing at -40 °C in all parts;
- quality E (impact testing at -40 °C) has been added
- quality F (impact testing at -60 °C) has been added to S355N and S355M;
- list of options has been integrated in ISO 630-1;
- the formula for CEV has been deleted because given in ISO 630-1;
- test units have been updated;
- in Tables, the designation concerning thickness have been changed into “nominal thickness”;
- order of listing chemical elements has been updated for grades of Annex A in accordance with ISO 6306;
- bibliography has been updated;
- the content of the document has been updated to harmonize with all parts of ISO 630.

