International Standard

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Hot-rolled longitudinally profiled steel plate

Tôle d'acier profilée longitudinalement laminée à chaud

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Foreword

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

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Hot-rolled longitudinally profiled steel plate

1 Scope

This document specifies requirements for hot-rolled longitudinally profiled steel plates (LP steel plates).

This document applies to hot-rolled LP steel plates with thickness between 4 mm and 400 mm for general structural and engineering purposes.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 630-1, *Structural steels — Part 1: General technical delivery conditions for hot-rolled products*

ISO 630-2, *Structural steels — Part 2: Technical delivery conditions for structural steels for general purposes*

ISO 630-3, *Structural steels — Part 3: Technical delivery conditions for fine-grain structural steels*

ISO 630-4, *Structural steels — Part 4: Technical delivery conditions for high yield strength quenched and tempered structural steel plates and wide flats*

ISO 630-5, *Structural steels — Part 5: Technical delivery conditions for structural steels with improved atmospheric corrosion resistance*

ISO 630-6, *Structural steels — Part 6: Technical delivery conditions for seismic-proof improved structural steels for building*

ISO 7452, *Hot-rolled steel plates — Tolerances on dimensions and shape*

ISO 7788, *Surface finish of hot-rolled plates and wide flats — Delivery requirements*

ISO 10474, *Steel and steel products — Inspection documents*

ISO 17577, *Steel — Ultrasonic testing of steel flat products of thickness equal to or greater than 6 mm*

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

ISO and IEC maintain terminology databases for use in standardization at the following addresses:

— ISO Online browsing platform: available at https://www.iso.org/obp

— IEC Electropedia: available at https://www.electropedia.org/

3.1
longitudinally profiled steel plates
LP steel plates
steel plates with regular changes in thickness along rolling direction (longitudinal direction)

3.2
equal thickness section
longitudinally profiled steel section with parallel upper and lower surfaces

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