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GB/T 3274-2017

Replacing GB 912 and GB/T 3274-2007

Hot-rolled Plates, Sheets and Strips of Carbon Structural Steels and High Strength Low Alloy Structural Steels

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Foreword

This Standard was drafted in accordance with the rules given in GB/T 1.1-2009.

This Standard incorporates and revises GB 912-2008, *Hot-rolled Sheets and Strips of Carbon Structural Steels and High Strength Low Alloy Structural Steels*, and GB/T 3274-2007, *Hot-rolled Plates and Strips of Carbon Structural Steels and High Strength Low Alloy Structural Steels*.

Compared with GB 912-2008, *Hot-rolled Sheets and Strips of Carbon Structural Steels and High Strength Low Alloy Structural Steels*, and GB/T 3274-2007, *Hot-rolled Plates and Strips of Carbon Structural Steels and High Strength Low Alloy Structural Steels*, the main technical changes of this Standard are as follows:

- it changes the delivery length of steel strips with a defect into not more than 6% of the total length of each roll of steel strip (see 5.6.4);
- it adds intrinsic quality requirements (see 5.7); and
- it extends inspection lot weight and changes into lot grouping by furnace (see 7.2).

This Standard was proposed by China Iron and Steel Industry Association.

This Standard shall be under the jurisdiction of China National Standardization Technical Committee on Steels (SAC/TC 183).

The drafting organizations of this Standard: An Steel Co., Ltd., Chongqing Iron & Steel (Group) Co., Ltd., Shougang Group Co., Ltd., China Metallurgical Information Standardization Institute, HBIS Co., Ltd. Tangshan Branch, Ma Steel (Group) Holding Co., Ltd., Fujian Sangang Group Co., Ltd. and Wuhan Iron and Steel (Group) Co., Ltd.

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The editions of the standard replaced by this Standard are as follows:

- GB/T 912-1989 and GB 912-2008;
- GB/T 3274-1988 and GB/T 3274-2007.

Hot-rolled Plates, Sheets and Strips of Carbon Structural Steels and High Strength Low Alloy Structural Steels

1 Application Scope

This Standard specifies the order content, dimensions, shape, weight, technical requirements, test methods, inspection rules, packaging, marking and quality certification for hot-rolled plates, sheets and strips of carbon structural steels and high strength low alloy structural steels.

This Standard applies to hot-rolled plates, sheets and strips of carbon structural steels and high strength low alloy structural steels with a thickness not greater than 400 mm (hereinafter referred to as steel plates (sheets) and strips).

2 Normative References

The following referenced documents are indispensable for the application 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.

GB/T 222, *Permissible Tolerances for Chemical Composition of Steel Products*

GB/T 228.1, *Metallic Materials – Tensile Testing – Part 1: Method of Test at Room Temperature*

GB/T 229, *Metallic Materials – Charpy Pendulum Impact Test Method*

GB/T 232, *Metallic Materials – Bend test*

GB/T 247, *General Rules of Packaging, Marking and Certification for Steel Plates (Sheets) and Strips*

GB/T 700, *Carbon Structural Steels*

GB/T 709, *Dimensions, Shape, Weight and Tolerances for Hot Rolled Plates, Sheets and Strips*

GB/T 1591, *High Strength Low Alloy Structural Steels*

GB/T 2975, *Steel and Steel Products - Location and Preparation of Test Pieces for Mechanical Testing*

GB/T 8170, *Rules of Rounding off for Numerical Values and Expression and Judgement of Limiting Values*

GB/T 14977, *General Requirements for Surface Condition of Hot-Rolled Steel*

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