

**GB**

**National Standard of the People's Republic of China**

GB/T 3274-2007  
Replace GB/T 3274-1988

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

**碳素结构钢和低合金结构钢热轧厚钢板和钢带**

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**Issued by: General Administration of Quality Supervision, Inspection and  
Quarantine of the People's Republic of China (GAQSIQ) and  
Standardization Administration of the People's Republic of  
China (SAC)**

## **Foreword**

This standard is not equivalent to ISO 630: 1995 Structural Steel and ISO 13976:2005 Hot-rolled Steel Sheet in Coils of Structural Quality and Heavy Thickness.

This standard will replace GB/T 3274-1998 Hot-rolled Plates and Strips of Carbon Structural Steels and High Strength Low Alloy Structural Steels. Compared with the original standard, the following main amendments are made:

- GB/T 14977 and GB/T 18253 are supplemented into the normative reference;
- ordering content is supplemented;
- Provisions of surface quality are modified;
- Provisions of weld repair are supplemented;
- Group and batch provisions are modified.

This standard was proposed by China Iron and Steel Association.

This standard is under jurisdiction of National Technical Standardization Committee.

this standard was drafted by Angang Steel Company Limited, Tianjin Iron & Steel Co., Ltd., China Metallurgical Information & Standardization Institute and Jinan Iron & Steel Co., Ltd.

This standard was prepared by Liu Xuyuan, Wang Xiaohu, Xu Keliang, Pu Zhimin, Wu Bo, Sun Genling and Tang Yifan

The standard is initially issued in 1988.

# **Hot-rolled Plates and Strips of Carbon Structural Steels and High Strength Low Alloy Structural Steels**

## **1 Scope**

The standard specifies the content, size, form, weight, permissible tolerance, technical conditions, experiment, checking rules, packaging, label and quality certification of hot-rolled steel plate and strip of carbon structural steel and low-alloy structural steel

This standard is applicable to 3mm- 400mm thick hot-rolled steel plate or 3mm- 245mm thick hot-rolled steel strip of carbon structural steel and low-alloy structural steel.

## **2 Normative References**

The following standards contain provisions which, through reference in this text, constitute provisions of this standard. As for dated reference, subsequent amendments (excluding amend error) to, or revisions of, any of these publications do not apply. For undated references, the latest edition of the normative document referred to applies.

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

GB/T 223.3 Methods for Chemical Analysis of Iron, Steel and Alloy - the Diantipyrylmethane Phosphomolybdate Gravimetric Method for the Determination of Phosphorus Content

GB/T 223.5 Methods for Chemical Analysis of Iron, Steel and Alloy - the Reduced Molybdosilicate Spectrophotometric Method for the Determination of Acid-soluble Silicon Content

GB/T 223.10 Methods for Chemical Analysis of Iron, steel and Alloy - the Cupferron Separation-chrome Azurol S Phot

GB/T 223.11 Methods for Chemical Analysis of Iron, Steel and Alloy - the Ammonium Persulfate Oxidation Volumetric

GB/T 223.14 Methods for Chemical Analysis of Iron, steel and Alloy - the N-benzoyl-n-phenylhydroxylamine Extractio

GB/T 223.17 Methods for Chemical Analysis of Iron, Steel and Alloy - the Diantipyrylmethane Photometric Method for the Determination of Titanium Content

GB/T 223.18 Methods for Chemical Analysis of Iron Steel and Alloy - the Sodium Thiosulfate Separation Iodimetric Method for the Determination of Cupper Content

GB/T 223.19 Methods for Chemical Analysis of Iron, Steel and Alloy-the Neocuproine-chloroform Extraction Photometric Method for the



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