JIS

JAPANESE
INDUSTRIAL
STANDARD

Translated and Published by
Japanese Standards Association

JIS G 3101 : 2015

(JISF)

Rolled steels for general structure

ICS 77.140.01 ; 77.140.10
Reference number : JIS G 3101 : 2015 (E)

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Date of Establishment: 1952-11-25

Date of Revision: 2015-08-20

Date of Public Notice in Official Gazette: 2015-08-20

Investigated by: Japanese Industrial Standards Committee

Standards Board for ISO area

Technical Committee on Metal and Inorganic Materials

JIS G 3101 : 2015, First English edition published in 2015-11

Translated and published by: Japanese Standards Association
Mita MT Building, 3-13-12, Mita, Minato-ku, Tokyo, 108-0073 JAPAN

In the event of any doubts arising as to the contents,
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Printed in Japan HT/HN

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Foreword

This translation has been made based on the original Japanese Industrial Standard revised by the Minister of Economy, Trade and Industry through deliberations at the Japanese Industrial Standards Committee as the result of proposal for revision of Japanese Industrial Standard submitted by The Japan Iron and Steel Federation (JISF) with the draft being attached, based on the provision of Article 12 Clause 1 of the Industrial Standardization Law applicable to the case of revision by the provision of Article 14.

Consequently **JIS G 3101**:2010 is replaced with this Standard.

However, **JIS G 3101**:2010 may be applied in the **JIS** mark certification based on the relevant provisions of Article 19 Clause 1, etc. of the Industrial Standardization Law until August 19, 2016.

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Rolled steels for general structure

Introduction

This Japanese Industrial Standard has been prepared based on the first editions of **ISO 630-1** and **ISO 630-2** published in 2011 with some modifications of the technical contents.

The portions given continuous sidelines or dotted underlines are the matters in which the contents of the corresponding International Standards have been modified. A list of modifications with the explanations is given in Annex JC.

1 Scope

This Standard specifies the hot rolled steels and hot extruded sections used for general structure such as bridges, ships, rolling stocks and other structures (hereafter referred to as "steel product").

The quality requirements for hot extruded sections are given in Annex JB.

NOTE : The International Standards corresponding to this Standard and the symbol of degree of correspondence are as follows.

ISO 630-1 : 2011 *Structural steels — Part 1 : General technical delivery conditions for hot-rolled products*

ISO 630-2 : 2011 *Structural steels — Part 2 : Technical delivery conditions for structural steels for general purposes* (overall evaluation : MOD)

In addition, symbols which denote the degree of correspondence in the contents between the relevant International Standards and **JIS** are IDT (identical), MOD (modified), and NEQ (not equivalent) according to **ISO/IEC Guide 21-1**.

2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this Standard. The most recent editions of the standards (including amendments) indicated below shall be applied.

JIS G 0320 *Standard test method for heat analysis of steel products*

JIS G 0404 *Steel and steel products — General technical delivery requirements*

JIS G 0415 *Steel and steel products — Inspection documents*

JIS G 0416 *Steel and steel products — Location and preparation of samples and test pieces for mechanical testing*

JIS G 3191 *Dimensions, mass and permissible variations of hot rolled steel bars and bar in coil*

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