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**Rolled steels for welded structure**

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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 3106:2008** is replaced with this Standard.

However, **JIS G 3106:2008** 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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Attention is drawn to the possibility that some parts of this Standard may conflict with patent rights, applications for a patent after opening to the public or utility model rights. The relevant Minister and the Japanese Industrial Standards Committee are not responsible for identifying any of such patent rights, applications for a patent after opening to the public or utility model rights.

# Rolled steels for welded 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, and the first edition of ISO 630-3 published in 2012 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 JD.

## 1 Scope

This Standard specifies the hot rolled steels and hot extruded sections used for welded structure such as bridges, ships, rolling stock, petroleum storage tanks, containers and other structures with especially high weldability (hereafter referred to as “steel products”).

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

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*

ISO 630-3 : 2012 *Structural steels — Part 3 : Technical delivery conditions for fine-grain structural steels* (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*