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**Hot-rolled atmospheric corrosion  
resisting steels for welded structure**

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In the event of any doubts arising as to the contents,  
the original JIS is to be the final authority.

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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 3114:2008** is replaced with this Standard.

However, **JIS G 3114:2008** 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 February 21, 2017.

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# Hot-rolled atmospheric corrosion resisting steels for welded structure

## Introduction

This Japanese Industrial Standard has been prepared based on the first edition of ISO 630-5 published in 2014 with some modifications of the technical contents.

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

## 1 Scope

This Standard specifies hot-rolled atmospheric corrosion resisting steels (hereafter referred to as “steel products”) for bridges, architecture and other welded structure.

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

ISO 630-5 : 2014 *Structural steels — Part 5 : Technical delivery conditions for structural steels with improved atmospheric corrosion resistance* (MOD)

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

Note <sup>1)</sup> The term “atmospheric corrosion resistance” means the property to withstand the corrosion in the natural atmosphere.

## 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 3192 *Dimensions, mass and permissible variations of hot rolled steel sections*

JIS G 3193 *Dimensions, mass and permissible variations of hot rolled steel plates, sheets and strips*