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Rolled steels for general 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 3101** : 2004 has been replaced with this Standard.

In addition, **JIS G 3101** : 2004 may be applied in **JIS** Mark Certification based on the relevant provisions of Article 19 Clause 1, etc. of the Industrial Standardization Law until 19th May, 2011.

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Rolled steels for general structure

1 Scope

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

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*

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*

JIS G 3194 *Dimensions, mass and permissible variations of hot rolled flat steel*

JIS Z 2201 *Test pieces for tensile test for metallic materials*

JIS Z 2241 *Method of tensile test for metallic materials*

JIS Z 2248 *Metallic materials — Bend test*

3 Grade and symbol, and applicable dimension

The steel product shall be classified into four grades and their symbols and applicable dimension shall be as given in table 1.

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