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(JSSC)

Welded light gauge steel H sections for general 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 Japanese Society of Steel Construction (JSSC) 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 3353: 1990 is replaced with this Standard.

However, JIS G 3353:1990 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 June 19th, 2012.

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Introduction

This Japanese Industrial Standard was established in 1978, and has gone through 3 revisions to this day. The last revision was made in 1990, and the revision at this time is to respond to the changes in technology trend.

The corresponding International Standard has not yet been published at this moment.

1 Scope

This Standard specifies the light gauge steel H sections which are formed either by the continuous high-frequency resistance welding or by this method combined with the high-frequency induction welding to be used for general structure for building, civil engineering, etc. (hereafter referred to as the "steel sections").

The requirements when using coated steel strips shall be in accordance with Annex A in addition to the text.

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 3302 | Hot-dip zinc-coated steel sheet and strip |
| JIS G 3317 | Hot-dip zinc-5 % aluminium alloy-coated steel sheet and strip |
| JIS G 3321 | Hot-dip 55% aluminium-zinc alloy-coated steel sheet and strip |
| JIS Z 2241 | Metallic materials—Tensile testing—Method of test at room temperature |
| JIS Z 8401 | Guide to the rounding of numbers |

3 Symbol of grade and applicable thickness

The steel sections shall be classified into two grades, and the symbol of grade, designation according to cross-sectional shape and applicable thickness shall be as given in table 1.