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**Light gauge steel sections for  
general structure**

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In the event of any doubts arising as to the contents,  
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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 3350:2009** is replaced with this Standard.

However, **JIS G 3350:2009** 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 July 19, 2018.

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# Light gauge steel sections for general structure

## 1 Scope

This Japanese Industrial Standard specifies the cold formed light gauge steel sections intended for buildings and other structures (hereafter referred to as light gauge sections).

For light gauge sections which are manufactured from coated steel sheets and strips, the specification given in Annex A as well as relevant specification in the main body apply.

## 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 G 3323 *Hot-dip zinc-aluminium-magnesium 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 Classification, symbols and applicable thicknesses

The light gauge sections shall be classified into one grade, and the symbol of grade, designation according to sectional shape and symbol of sectional shape shall be as given in Table 1. The applicable thickness range of light gauge sections shall be as given in Table 2.

## 4 Manufacturing method

Light gauge sections shall be manufactured by cold forming<sup>1)</sup> the hot-rolled steel sheets and strips, cold-rolled steel sheets and strips, or coated steel sheets and strips. Applicable types of coating for coated steel sheets and strips used for the manufacture of light gauge sections are specified in A.1.

Note <sup>1)</sup> Typically, the roll forming and press bending.