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Light gauge steel sections for general structure

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Foreword

This Japanese Industrial Standard has been revised by the Minister of Economy, Trade and Industry based on the provision of Article 14, paragraph (1) of the Industrial Standardization Act applied mutatis mutandis pursuant to the provision of Article 16 of the said Act in response to a proposal for revision of Japanese Industrial Standard with a draft being attached, submitted by The Japan Iron and Steel Federation (JISF), an accredited standards development organization. This edition replaces the previous edition (**JIS G 3350** : 2017), which has been technically revised.

However, **JIS G 3350** : 2017 may be applied in the **JIS** mark certification based on the relevant provisions of Article 30, paragraph (1), etc. of the Industrial Standardization Act until 19 April 2022.

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Light gauge steel sections for general structure

1 Scope

This Japanese Industrial Standard specifies requirements for 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

Part or all of the provisions of the following standards, 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 0202 *Glossary of terms used in iron and steel (Testing)*

JIS G 0203 *Glossary of terms used in iron and steel (Products and quality)*

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 *Rounding of numbers*

3 Terms and definitions

For the purpose of this Standard, the following terms and definitions, and those given in **JIS G 0202** and **JIS G 0203** apply.

3.1

light gauge sections

sections manufactured by cold forming the hot-rolled steel sheets and strips, cold-rolled steel sheets and strips, or coated steel sheets and strips

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