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(JISF)

**Hot-dip 55 % aluminium-zinc
alloy-coated steel sheet and strip**

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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 of 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 3321:2007** has been replaced with this Standard.

However, **JIS G 3321:2007** 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 20 June, 2011.

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Attention is drawn to the possibility that some parts of this Standard may conflict with a patent right, application for a patent after opening to the public, utility model right or application for registration of utility model after opening to the public which have technical properties. The relevant Minister and the Japanese Industrial Standards Committee are not responsible for identifying the patent right, application for a patent after opening to the public, utility model right or application for registration of utility model after opening to the public which have the said technical properties.

Hot-dip 55 % aluminium-zinc alloy-coated steel sheet and strip

Introduction

This Japanese Industrial Standard has been prepared based on the third edition of **ISO 9364** published in 2006 with some modifications of the technical contents.

The portions with continuous 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 JE. Annexes JA to JD are the matters not given in the corresponding International Standard.

1 Scope

This Standard specifies the steel sheet and strip (hereafter referred to as “sheet and coil”) and corrugated sheet manufactured by processing steel sheet into the shape and dimensions specified in **JIS G 3316**, which are coated by a hot-dip aluminium-zinc alloy coating process. The aluminium-zinc alloy composition by mass fraction is normally 55 % aluminium, 1.6 % silicon, and the balance zinc.

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

ISO 9364:2006 *Continuous hot-dip aluminium/zinc-coated steel sheet and commercial, drawing and structural qualities* (MOD)

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

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 0594 *Methods of accelerated cyclic corrosion resistance tests for anodic coatings with exposure to salt spray, dry and wet conditions*

JIS G 3316 *Shapes and dimensions of corrugated steel sheets*

JIS H 0401 *Test methods for hot dip galvanized coatings*

NOTE : Corresponding International Standard: ISO 1460 *Metallic coatings—Hot dip galvanized coatings on ferrous materials—Gravimetric determination of the mass per unit area* (MOD)

JIS H 8502 *Methods of corrosion resistance test for metallic coatings*