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**Covered electrodes for atmospheric corrosion resisting steel**

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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 The Japan Welding Engineering Society (JWES) 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 Z 3214: 2007** is replaced with this Standard.

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# Covered electrodes for atmospheric corrosion resisting steel

## Introduction

This Japanese Industrial Standard has been prepared based on the third edition of **ISO 2560** published in 2009 with some modifications of the technical contents. **ISO 2560** is a combined standard of **EN 499** and the standard used around the Pacific Rim. Either or both of them are allowed to be used in particular global markets. According to this, this Standard specifies covered electrodes for atmospheric corrosion resisting steel among requirements corresponding to the standards used in the Pacific Rim (system B of **ISO 2560**) in the text.

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 explanations is given in Annex JA.

## 1 Scope

This Standard specifies the covered electrodes to be used for welding of atmospheric corrosion resisting steel (here after referred to as “electrodes”).

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

ISO 2560 : 2009 *Welding consumables — Covered electrodes for manual metal arc welding of non-alloy and fine grain steels — Classification* (MOD)

The symbols which denote the degree of correspondence in the contents between the relevant 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 0321 *Product analysis and its tolerance for wrought steel*

JIS G 3101 *Rolled steels for general structure*

JIS G 3106 *Rolled steels for welded structure*

JIS G 3114 *Hot-rolled atmospheric corrosion resisting steels for welded structure*

JIS G 3140 *Higher yield strength steel plates for bridges*

JIS Z 3001-1 *Welding and allied processes — Vocabulary — Part 1 : General*

JIS Z 3001-2 *Welding and allied processes — Vocabulary — Part 2 : Welding proc-*