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**Decarburized steel sheet and strip for  
porcelain enamelling**

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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 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 3133:2009** is replaced with this Standard.

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Attention is drawn to the possibility that some parts of this Standard may conflict with patent rights, applications for a patent after opening to the public or utility model rights. The relevant Minister and the Japanese Industrial Standards Committee are not responsible for identifying any of such patent rights, applications for a patent after opening to the public or utility model rights.

# Decarburized steel sheet and strip for porcelain enamelling

## Introduction

This Japanese Industrial Standard has been prepared based on the fifth edition of ISO 5001 published in 2012 with some modifications of the technical contents.

The portions given 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 JA.

## 1 Scope

This Standard specifies the decarburized steel sheet and strip (hereafter referred to as “steel sheet and strip”) to be subjected to a process of porcelain enamelling.

NOTE : The International Standard corresponding to this standard is as follows.

ISO 5001 : 2012 *Cold-reduced carbon steel sheet for vitreous enamelling* (MOD)

In addition, symbols which denote the degree of correspondence in the contents between the relevant International Standards 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 0321 *Product analysis and its tolerance for wrought steel*

JIS G 0404 *Steel and steel products — General technical delivery requirements*

JIS G 0410 *Steel and steel products — Inspection documents*

JIS Z 2241 *Metallic materials — Tensile testing — Method of test at room temperature*

JIS Z 2254 *Metallic materials — Sheet and strip — Determination of plastic strain ratio*

JIS Z 8401 *Guide to the rounding of numbers*

## 3 Grade and symbol

The steel sheet and strip shall be classified into three grades, and their symbols and