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JIS C 2555 : 2000

Steel sheets and strip for pole core

ICS 29.030

Descriptors : steels, sheet materials, frame yokes, strips, pole shoes, rotating electric machines

Reference number : JIS C 2555 : 2000 (E)

Foreword

This translation has been made based on the original Japanese Industrial Standard revised by the Minister of International Trade and Industry through deliberations at the Japanese Industrial Standards Committee in accordance with the Industrial Standardization Law. Consequently **JIS C 2555 : 1992** is replaced with **JIS C 2555 : 2000**.

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In the event of any doubts arising as to the contents,
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Steel sheets and strip for pole core

Introduction This Japanese Industrial Standard has been prepared based on IEC 60404-8-5 *Magnetic materials — Part 8-5 : Specifications for individual materials — Specification for steel sheet and strip with specified mechanical properties and magnetic permeability* published in 1989, in such a manner that the provisions traditionally stated in Japanese Industrial Standard are specified in the text and the said corresponding International Standard is employed as the Annex (normative) without any modification in its technical contents.

1 Scope This Japanese Industrial Standard specifies steel sheets and strip for pole core mainly used for magnetic poles and yokes of rotary electric machinery (hereafter referred to as "steel sheets and strip").

Note : The International Standard corresponding to this Standard is given below.

IEC 60404-8-5:1989 *Magnetic materials—Part 8-5 : Specifications for individual materials — Specification for steel sheet and strip with specified mechanical properties and magnetic permeability*

2 Normative references The following standards contain provisions which, through reference in this Standard, constitute provisions of this Standard. The most recent editions of the standards indicated below shall be applied.

JIS C 2550 *Test methods for magnetic steel sheet and strip*

JIS G 0303 *General rules for inspection of steel*

JIS Z 2201 *Test pieces for tensile test for metallic materials*

JIS Z 2241 *Method of tensile test for metallic materials*

3 Classification and symbolization The steel sheets and strip are classified according to the rolling procedure and the yield point or proof stress as given in Table 1.