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Wire rods for bridge cable

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Foreword

This Japanese Industrial Standard has been established by the Minister of Economy, Trade and Industry through deliberations at the Japanese Industrial Standards Committee according to the proposal for establishment of Japanese Industrial Standard submitted by The Japan Iron and Steel Federation (JISF) with a draft being attached, based on the provision of Article 12, paragraph (1) of the Industrial Standardization Act.

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Wire rods for bridge cable

Introduction

This Japanese Industrial Standard has been prepared based on **ISO 16120-1** : 2017, Edition 3, and **ISO 16120-4** : 2017, Edition 3, with some modifications of the technical contents.

The vertical lines on both sides and dotted underlines indicate changes from the corresponding International Standards. A list of modifications with the explanations is given in Annex JB. Annex JA is unique to **JIS** and not given in the corresponding International Standards.

1 Scope

This Standard specifies wire rods for bridge cable used for the manufacture of wire for bridge cables that require torsion characteristics (hereafter referred to as wire rods).

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

ISO 16120-1 : 2017 *Non-alloy steel wire rod for conversion to wire — Part 1 : General requirements*

ISO 16120-4 : 2017 *Non-alloy steel wire rod for conversion to wire — Part 4 : Specific requirements for wire rod for special applications* (overall evaluation : MOD)

In addition, 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 0201 | <i>Glossary of terms used in iron and steel (Heat treatment)</i> |
| JIS G 0202 | <i>Glossary of terms used in iron and steel (Testing)</i> |
| JIS G 0203 | <i>Glossary of terms used in iron and steel (Products and quality)</i> |
| JIS G 0320 | <i>Standard test method for heat analysis of steel products</i> |
| JIS G 0404 | <i>Steel and steel products — General technical delivery requirements</i> |
| JIS G 0415 | <i>Steel and steel products — Inspection documents</i> |
| JIS G 0551 | <i>Steels — Micrographic determination of the apparent grain size</i> |