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**Hot-dip galvanized and zinc-aluminium
coated high tensile steel wire for parallel
wire cables**

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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 Japan Wire Products Association (JWPA)/Japanese Standards Association (JSA) with a draft being attached, based on the provision of Article 12, paragraph (1) of the Industrial Standardization Act.

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Hot-dip galvanized and zinc-aluminium coated high tensile steel wire for parallel wire cables

Introduction

This Japanese Industrial Standard has been prepared based on ISO 19203 : 2018, Edition 1, with some modifications of the technical contents.

The vertical lines on both sides and dotted underlines indicate changes from the corresponding International Standard. A list of modifications with the explanations is given in Annex JA.

1 Scope

This Standard specifies the requirements for hot-dip galvanized (hereafter referred to as zinc coated) and zinc-aluminium coated high tensile steel wires (hereafter referred to as steel wires), which are widely used in parallel wire cables or semi-parallel wire cables for bridges and other structures involving the use of parallel wires.

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

ISO 19203 : 2018 *Hot-dip galvanized and zinc-aluminium coated high tensile steel wire for bridge cables — Specifications* (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 *Glossary of terms used in iron and steel (Heat treatment)*

JIS G 0202 *Glossary of terms used in iron and steel (Testing)*

JIS G 0203 *Glossary of terms used in iron and steel (Products and quality)*

JIS G 0415 *Steel and steel products — Inspection documents*

NOTE Corresponding International Standard : ISO 10474 : 2013 *Steel and steel products — Inspection documents*

JIS G 3502 *Piano wire rods*

JIS G 3504 *Wire rods for bridge cable*

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