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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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Contents

Foreword

This translation has been made based on the original Japanese Industrial Standard established by the Minister of Economy, Trade and Industry through deliberations at the Japanese Industrial Standards Committee according to the proposal of establishing a Japanese Industrial Standard from The Japan Belting Manufacturers Association (JBMA)/Japanese Standards Association (JSA) with a draft of Industrial Standard based on the provision of Article 12 Clause 1 of the Industrial Standardization Law.

Attention is drawn to the possibility that some parts of this Standard may conflict with a patent right, application for a patent after opening to the public, utility model right or application for registration of utility model after opening to the public which have technical properties. The relevant Minister and the Japanese Industrial Standards Committee are not responsible for identifying the patent right, application for a patent after opening to the public, utility model right or application for registration of utility model after opening to the public which have the said technical properties.

Light conveyor belts—Determination of the maximum tensile strength

Introduction

This Japanese Industrial Standard has been prepared based on the first edition of **ISO 21180** published in 2005 without any modifications of the technical contents for the portion (determination of the maximum tensile strength) relating to the corresponding International Standard.

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 test method for the determination of the maximum tensile strength of light conveyor belts according to **ISO 21183-1**, or of other conveyor belts where **ISO 283** is not applicable.

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

ISO 21180 : 2005 *Light conveyor belts — Determination of the maximum tensile strength* (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.**

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 B 7721 *Verification and calibration of the force measuring system of the tension/compression testing machines*

NOTE : Corresponding International Standard: ISO 7500-1 *Metallic materials— Verification of static uniaxial testing machines — Part 1: Tension/compression testing machines — Verification and calibration of the force-measuring system* (MOD)

ISO 283 *Textile conveyor belts — Full thickness tensile strength, elongation at break and elongation at the reference load — Test method*

ISO 21183-1 *Light conveyor belts — Part 1: Principal characteristics and applications*

3 Terms and definitions

For the purposes of this Standard, the following terms and definitions shall apply.