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In the event of any doubts arising as to the contents,
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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 Japan PVC Pipe and Fittings Association (JPPFA)/The Japan Plastics Industry Federation (JPIF)/Japanese Standards Association (JSA) 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 K 6742**:2007 is replaced with this Standard.

However, **JIS K 6742**:2007 may be applied in the **JIS** mark certification based on the relevant provisions of Article 19 Clause 1, etc. of the Industrial Standardization Law until October 19, 2017.

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Unplasticized poly(vinyl chloride) (PVC-U) pipes for water supply

Introduction

This Japanese Industrial Standard has been prepared based on the first editions of **ISO 1452-1** and **ISO 1452-2** published in 2009 with some modifications of the technical contents including addition of requirements concerning product dimensions and performance, and their test methods that are widely used in Japan.

Sidelines or dotted underlines indicate changes from the corresponding International Standards. A list of modifications with explanations is given in Annex JC.

1 Scope

This Standard specifies unplasticized poly(vinyl chloride) (PVC-U) pipes and impact-resistant unplasticized poly(vinyl chloride) (PVC-U) pipes (hereafter referred to as pipes) to be used for piping of water works under working pressure of 0.75 MPa or lower.

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

ISO 1452-1:2009 *Plastics piping systems for water supply and for buried and above-ground drainage and sewerage under pressure—Unplasticized poly(vinyl chloride) (PVC-U)—Part 1: General*

ISO 1452-2:2009 *Plastics piping systems for water supply and for buried and above-ground drainage and sewerage under pressure—Unplasticized poly(vinyl chloride) (PVC-U)—Part 2: Pipes* (overall evaluation: 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. For standards with the year indication, only the editions of the indicated year shall be applied and the revisions (including amendments) made thereafter shall not be applied. For those without the indication of the year, the most recent edition (including amendments) shall be applied.

JIS B 7502 *Micrometers*

JIS B 7507 *Vernier, dial and digital callipers*

JIS K 6814 *Thermoplastics pipes—Thermal reversion test method*

NOTE : Corresponding International Standard: ISO 2505:2005 *Thermoplastics pipes—Longitudinal reversion—Test method and parameters* (MOD)

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