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**Rubber seals — Joint parts for water
supply, drainage and sewerage pipelines**

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In the event of any doubts arising as to the contents,
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Foreword

This Japanese Industrial Standard has been 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 The Japan Rubber Manufacturers Association (JRMA)/Japanese Standards Association (JSA) with a draft being attached, based on the provision of Article 12, paragraph (1) of the Industrial Standardization Act applied mutatis mutandis pursuant to the provision of Article 16 of the said Act. This edition replaces the previous edition (**JIS K 6353** : 2011), which has been technically revised.

However, **JIS K 6353** : 2011 may be applied in the **JIS** mark certification based on the relevant provisions of Article 30, paragraph (1), etc. of the Industrial Standardization Act until 19 October 2024.

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Rubber seals — Joint parts for water supply, drainage and sewerage pipelines

Introduction

This Japanese Industrial Standard has been prepared based on **ISO 4633** : 2015, Edition 4, with some modifications of the technical contents to meet the local needs in Japan, including addition of physical test items and requirements for effect to water quality that are not provided in the said **ISO**. Note, however, that the requirements for effect to water quality added in this Standard do not apply to rubber seals used for water supply facilities; for these products, relevant criteria in related laws and regulations shall apply.

Annex JA is unique to **JIS** and not given in the corresponding International Standard. 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 JB. Vertical lines and dotted underlines are not given for editorial changes from the corresponding International Standard regarding clause/subclause numbers as shown in Figure JB.1.

1 Scope

This Standard specifies requirements for rubber seals used for the joint parts of the pipes, fittings and valves of water pipelines (hereafter referred to as rubber seals). For the purpose of this Standard, the water pipelines include water supply pipelines, drainage and sewerage pipelines, and pipelines for industrial and agricultural water. This Standard is not applicable to rubber seals used for pipelines for heated water (drinking water above 50 °C for water supply rubber seals, and continuous flow above 45 °C and intermittent flow above 95 °C for other rubber seals).

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

ISO 4633 : 2015 *Rubber seals — Joint rings for water supply, drainage and sewerage pipelines — Specification for materials* (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

Part or all of the provisions of the following standards, 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 K 6200 *Rubber — Vocabulary*