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Rubber goods for water works

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synthetic rubber, packing (seals), pipe connections, valves

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Foreword

This translation has been made based on the original Japanese Industrial Standard revised by the Minister of International Trade and Industry through deliberations at Japanese Industrial Standards Committee in accordance with the Industrial Standardization Law. Consequently JIS K 6353:1995 is replaced with JIS K 6353:1997.

This revision intended to conform with **JIS S 3200-7:1997, *Equipment for water supply service — Test methods of effect to water quality.***

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In the event of any doubts arising as to the contents,
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Rubber goods for water works

1 Scope This Japanese Industrial Standard specifies the watertightness keeping rubber goods (hereafter referred to as "rubber goods") to be used for fittings and valves of waterwork pipings.

The turbidity of rubber goods to be used for water instrument and for the purpose of passing heated water, etc. shall be excluded from the scope of this Standard.

Remarks: The units and numerical values given in { } in this Standard are based on the traditional units and are appended for informative reference.

2 Normative references The following standards contain provisions which, through reference in this Standard, constitute provisions of this Standard. The most recent editions of the standards indicated below shall be applied.

JIS K 6200 *Glossary of terms used in rubber industry*

JIS K 6250 *General rules of physical testing methods for rubber, vulcanized or thermoplastic*

JIS K 6251 *Tensile testing methods for vulcanized rubber*

JIS K 6253 *Hardness testing methods for vulcanized rubber*

JIS K 6257 *Accelerated aging test methods for vulcanized rubber*

JIS K 6262 *Permanent set testing methods for vulcanized rubber*

JIS S 3200-7 *Equipment for water supply service — Test methods of effect to water quality*

3 Definitions The definitions of main terms used in this Standard shall be as follows.

- a) The definitions of rubber material shall be in accordance with **JIS K 6200**.
- b) The definitions of terms used in turbidity test shall be in accordance with **3** of **JIS S 3200-7**.

4 Types The rubber goods shall be classified into five classes, Classes IA, IB, II, III and IV, according to the quality shown in Table 1.

5 Quality The quality of rubber goods shall be as follows.

- a) The appearance of rubber goods shall be uniform in composition, smooth on surface and free from flows, cracks, bubbles, porosity, mixed foreign substances and after harmful defects which can be observed by the naked eye.
- b) The physical properties of rubber goods shall be in accordance with Table 1.
- c) The turbidity of rubber goods shall be in accordance with Table 2.