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**Glass thermometers for general—  
Part 2: Measuring instruments used  
in transaction or certification**

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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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## 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 in accordance with the Industrial Standardization Law. Consequently **JIS B 7411:1997** has been withdrawn and partially replaced with this Standard.

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**JIS B 7411** series consists of the following 2 parts under the general title “*Glass thermometers for general*”:

*Part 1: General measuring instruments*

*Part 2: Measuring instruments used in transaction or certification*

# Glass thermometers for general— Part 2: Measuring instruments used in transaction or certification

## Introduction

This Japanese Industrial Standard has been prepared based on the first editions of **ISO 1770** and **ISO 1771** published in 1981 with some modifications of the technical contents, in order to add supplementary items for use in Japan, and to specify the technical criteria and verifications for construction and performance among requirements for specified measuring instruments in the Measurement Act. Conformance to this Standard alone does not purport to be equivalent with successful verification specified in the Measurement Act. In addition, it is not allowed to affix any special labels to show the conformance to this Standard, which is specified in Article 19 of Industrial Standardization Act.

The portions given sidelines or dotted underlines are the matters in which the contents of the corresponding International Standards have been modified. A list of modifications with the explanations is given in Annex JC.

## 1 Scope

This Standard specifies thermometers for general, with a measurement unit of Celsius degree (°C), and of temperature scale between -30 °C and 360 °C (hereafter referred to as “thermometer”).

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

ISO 1770:1981 *Solid-stem general purpose thermometers*

ISO 1771:1981 *Enclosed-scale general purpose thermometers* (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. The most recent editions of the standards (including amendments) indicated below shall be applied.

JIS B 7411-1 *Glass thermometers for general—Part 1: General measuring instruments*

JIS Z 8103 *Glossary of terms used in measurement*