



JAPANESE
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STANDARD

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JIS C 1102-1 : 2011

(JEMIMA)

**Direct acting indicating analogue electrical
measuring instruments and their
accessories—Part 1: Definitions and
general requirements common to all parts
(Amendment 1)**

JIS C 1102-1:2007 was revised under date of April 20, 2011. The revised items are included in this Amendment 1 and use this in combination with JIS C 1102-1:2007.

ICS 17.220.20

Reference number : JIS C 1102-1 : 2011 (E)

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Foreword

This translation has been made based on the Amendment to 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 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 C 1102-1:2007** is partially replaced with this Amendment.

Date of Establishment: 1997-10-20

Date of Revision: 2011-04-20

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Investigated by: Japanese Industrial Standards Committee
Standards Board
Technical Committee on Testing and Measurement
Technology

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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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Direct acting indicating analogue electrical measuring instruments and their accessories—Part 1: Definitions and general requirements common to all parts (Amendment 1)

JIS C 1102-1 : 2007 is revised as follows.

Introduction

Replace "Annex JB" by "Annex JC".

2 Normative references

Replace "JIS C 0617-2 *Graphical symbols for diagrams—Part 2: Symbol elements, qualifying symbols and other symbols having general application*" by "JIS C 0617-2 *Graphical symbols for diagrams—Part 2: Symbol elements, qualifying symbols and other symbols having general application*".

2 Normative references

Replace "JIS C 60068-2-6 *Environmental testing Part 2: Tests—Test Fc: Vibration (sinusoidal)*" by "JIS C 60068-2-6 *Environmental testing—Part 2-6: Tests—Test Fc: Vibration (sinusoidal)*".

2 Normative references

Replace "JIS C 60068-2-27 *Basic environmental testing procedures Part 2: Tests, Test Ea and guidance: Shock*" by "JIS C 60068-2-27 *Environmental testing—Part 2-27: Tests—Test Ea: Shock*".

4.1. Reference conditions

In table 1-1, replace "Relative humidity 40% to 60%" to "Relative humidity 40% to 75%".

6.1 Voltage tests, insulation tests and other safety requirements

Add the following.

"In addition, among fixed instruments, those mounted to the metallic panel to which the distribution board is grounded are considered as built-in panel meters and only need to meet the requirements of Annex JB corresponding to JIS C 1010-1."

8.2 Markings, symbols and their locations

In 8.2.3, add "bb)" at the end.

Annex JB (normative) Safety requirements for fixed instruments

Add Annex JB next to Annex JA.

Annex JC (informative) Comparison table between JIS and corresponding International Standard

Replace Annex JB by Annex JC.