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JIS C 3663-2 : 2003
(JCMA)

**Rubber insulated cables—
Rated voltages up to and including
450/750 V—Part 2 : Test methods**

ICS 29.060.20

Reference number : JIS C 3663-2 : 2003 (E)

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 The Japanese Electric Wire & Cable Maker's Association (JCMA) 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 3663-2 : 1998** is replaced with this Standard.

This revision has been made based on **IEC 60245-2 : 1994** *Rubber insulated cables—Rated voltages up to and including 450/750 V—Part 2 : Test methods* for the purposes of making it easier to compare this Standard with International Standard; to prepare Japanese Industrial Standard conforming with International Standard; and to propose a draft of an International Standard which is based on Japanese Industrial Standard.

Attention is drawn to the possibility that some parts of this Standard may conflict with a patent right, application for a patent after opening to the public, utility model right or application for registration of utility model after opening to the public which have technical properties. The relevant Minister and the Japanese Industrial Standards Committee are not responsible for identifying the patent right, application for a patent after opening to the public, utility model right or application for registration of utility model after opening to the public which have the said technical properties.

JIS C 3663 consists of the following 8 parts under the general title *Rubber insulated cables—Rated voltages up to and including 450/750 V*.

Part 1 : General requirements

Part 2 : Test methods

Part 3 : Heat resistant silicone insulated cables

Part 4 : Cords and flexible cables

Part 5 : Lift cables

Part 6 : Arc welding electrode cables

Part 7 : Heat resistant ethylene-vinyl acetate rubber insulated cables

Part 8 : Cords for applications requiring high flexibility

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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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Rubber insulated cables—Rated voltages up to and including 450/750 V— Part 2 : Test methods

Introduction This Japanese Industrial Standard has been prepared based on the second edition of **IEC 60245-2** *Rubber insulated cables—Rated voltages up to and including 450/750 V—Part 2 : Test methods* published in 1994 together with Amendment 1 (1997) and Amendment 2 (1997) with some modifications of the technical contents.

Portions underlined with dots are the matters modified from the original International Standard. The list of modifications with the explanation is given in annex (informative).

1 General

1.1 Scope This part of **JIS C 3662** gives the test methods specified in all parts of **JIS C 3662** (rubber insulated cables of rated voltages up to and including 450/750 V) as far as not laid down in **JIS C 3660**.

NOTE : The International Standard corresponding to this Standard is as follows.

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.

IEC 60245-2 : 1994 *Rubber insulated cables—Rated voltages up to and including 450/750 V—Part 2 : Test methods* together with amendment 1 (1997) and amendment 2 (1997) (MOD)

1.2 Normative references The following standards contain provisions which, through reference in this Standard, constitute provisions of this Standard. If the indication of the year of publication is given to these referred standards, only the edition of the indicated year constitutes the provision of this Standard but the revision and amendment made thereafter do not apply. The normative reference without the indication of the year of coming into effect apply only to the most recent edition (including amendments).

JIS C 3660-1-1 *Common test methods for insulating and sheathing materials of electric and optical cables—Part 1-1 : Methods for general application—Measurement of thickness and overall dimensions—Tests for determining the mechanical properties*

NOTE : **IEC 60811-1-1 : 1993** *Common test methods for insulating and sheathing materials of electric and optical cables—Part 1-1 : Methods for general application—Measuring of thickness and overall dimensions—Tests for determining the mechanical properties* and Amendment 1 (2001) are identical with the said standard.