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**Cellulosic papers for electrical
purposes—Part 2: Methods of test**

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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 according to the proposal of establishing a Japanese Industrial Standard submitted by Japan Electrical Insulating and Advanced Performance Materials Industrial Association (JEIA)/Japanese Standards Association (JSA) with a draft being attached, based on the provision of Article 12 Clause 1 of the Industrial Standardization Law.

Consequently **JIS C 2111**:2002 has been withdrawn and partially replaced with **JIS C 2300** series of which this Standard is a part.

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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 2300 consists of the following 3 parts under the general title “*Cellulosic papers for electrical purposes*”:

Part 1: Definitions and general requirements

Part 2: Methods of test

Part 3-1: Specifications for individual materials—Electrical insulating paper

Cellulosic papers for electrical purposes—Part 2: Methods of test

Introduction

This Japanese Industrial Standard has been prepared based on the second edition of **IEC 60554-2** published in 2001 with some modifications of the technical contents.

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

1 Scope

This Standard specifies the test methods to be used in testing cellulosic papers for electrical purposes (hereafter referred to as “papers”) to meet the requirements prescribed in the individual product standards.

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

IEC 60554-2:2001 *Cellulosic papers for electrical purposes—Part 2: Methods of test* (MOD)

The 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

The following standards contain provisions which, through reference in this text, constitute provisions of this Standard. For standards with the year indication, only the editions of the indicated year shall be applied and the revisions (including amendments) made thereafter shall not be applied. For those without the indication of the year, the most recent edition (including amendments) shall be applied.

JIS B 7502 *Micrometer callipers*

JIS B 7507 *Vernier, dial and digital callipers*

JIS C 2110:1994 *Testing methods for electric strength of solid insulating materials*

JIS C 2138 *Electrical insulating materials—Methods for the determination of the relative permittivity and dielectric dissipation factor*

NOTE : Corresponding International Standard: IEC 60250 *Recommended methods for the determination of the permittivity and dielectric dissipation factor of electrical insulating materials at power, audio and radio frequencies including metre wavelengths* (MOD)

JIS C 2320 *Electrical insulating oils*

NOTE : Corresponding International Standard: IEC 60296 *Fluids for electro-technical applications—Unused mineral insulating oils for transformers and switchgear* (MOD)