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**Non-cellulosic papers for electrical
purposes — Part 2: Methods of test**

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In the event of any doubts arising as to the contents,
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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 for establishment of Japanese Industrial Standard submitted by Japan Electrical Insulating and Advanced Performance Materials Industrial Association (JEIA)/Japanese Standards Association (JSA) with the draft being attached, based on the provision of Article 12 Clause 1 of the Industrial Standardization Law.

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JIS C 2323 series consists of the following 3 parts under the general title “*Non-cellulosic papers for electrical purposes* —”:

Part 1 : Definitions and general requirements

Part 2 : Methods of test

Part 3 : Specifications for individual materials — Sheet 3: Aramid papers

“The description with † mark at sections **2A.3** and **13A** in this Standard were adopted from “UL746B — Standard for Polymeric Materials — Long Term Property Evaluations” by Underwriters Laboratories Inc. with the written consent. No additional reproduction may be made of these material without the prior written consent of UL.”

Non-cellulosic papers for electrical purposes — Part 2 : Methods of test

Introduction

This Japanese Industrial Standard has been prepared based on the first edition of **IEC 60819-2** published in 2001 with some modifications of the technical contents to correspond to the actual situation in Japan.

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 the explanations is given in Annex JA.

1 Scope

This Standard specifies the test methods to be used in testing non-cellulosic papers for electrical purposes to meet the requirements prescribed in the specification sheets of individual product standard.

WARNING Persons carrying out tests based on this Standard should be familiar with normal laboratory practice. This Standard does not purport to address all of the safety problems, if any, associated with its use. It is the responsibility of the user of this Standard to establish appropriate safety and health practices.

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

IEC 60819-2 : 2001 *Non-cellulosic papers for electrical purposes — Part 2 : Methods of test* (MOD)

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 21-1**.

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 C 2110-1 *Solid electrical insulating materials — Test methods for electric strength — Part 1 : Tests at power frequencies*

NOTE : Corresponding International Standard : **IEC 60243-1 : 1998** *Electrical strength of insulating materials — Test methods — Part 1 : Tests at power frequencies* (MOD)

JIS C 2138 *Electrical insulating materials — Methods for the determination of the*