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(JSMA/JSA)

**Windows and doors — Resistance to  
repeated opening and closing —  
Test method**

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In the event of any doubts arising as to the contents,  
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## Foreword

This Japanese Industrial Standard has been 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 Sash Manufacturers Association (JSMA)/Japanese Standards Association (JSA) with the draft being attached, based on the provision of Article 12 Clause 1 of the Industrial Standardization Law.

Consequently, **JIS A 1525** : 1996 and **JIS A 1550** : 2000 have been withdrawn and replaced with this Standard.

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# Windows and doors — Resistance to repeated opening and closing — Test method

## Introduction

This Japanese Industrial Standard has been prepared based on the second edition of **ISO 8274** published in 2005, with some modifications of the technical contents to reflect the conditions unique to 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, among the performance test methods listed in **JIS A 1513**, the method for testing the resistance of windows and doorsets to repeated opening and closing. It is not applicable to automatic doors.

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

ISO 8274 : 2005 *Windows and doors — Resistance to repeated opening and closing — Test method* (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**.

## 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 A 1513 *Windows and doorsets — General rule for test method*

JIS A 1519 *Windows and doorsets — Determination of opening and closing forces*

JIS Z 8401 *Guide to the rounding of numbers*

## 3 Terms and definitions

For the purpose of this Standard, the following terms and definitions apply.

### 3.1

#### **swing**

type of window/door whose sash(es)/leaf(ves) moves outside the plane of the frame