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**Test method for performance of  
building airtightness by fan  
pressurization**

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## Foreword

This Japanese Industrial Standard has been revised by the Minister of Land, Infrastructure, Transport and Tourism through deliberations at the Japanese Industrial Standards Committee as the result of proposal for revision of Japanese Industrial Standard submitted by Japan Testing Center for Construction Materials (JTCCM)/ Japanese Standards Association (JSA) 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 A 2201**:2003 is replaced with this Standard.

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# Test method for performance of building airtightness by fan pressurization

## Introduction

This Japanese Industrial Standard has been prepared based on **ISO 9972:2015**, Edition 3, with some modifications of the technical contents to reflect the actual situation in Japan.

The vertical lines on both sides and dotted underlines indicate changes from the corresponding International Standard. A list of modifications with the explanations is given in Annex JA. The comparison table between previous and current editions of this Standard on technically significant revisions is given in Annex JB.

## 1 Scope

This Standard specifies the test method for the performance of airtightness of a building mainly used as a residence and part of a building by inducing an indoor-outdoor pressure difference using a fan.

NOTE 1 In this Standard, a residence refers to a single-family house, apartment house, row house, etc.

NOTE 2 An inside-outside building pressure difference can be induced by pressurizing or depressurizing inside the building, which are called the pressurization method and the depressurization method, respectively.

NOTE 3 The International Standard corresponding to this Standard and the symbol of degree of correspondence are as follows.

ISO 9972:2015 *Thermal performance of buildings—Determination of air permeability of buildings—Fan pressurization 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 21-1**.

## 2 Normative reference

The following standard contains provisions which, through reference in this text, constitute provisions of this Standard. The most recent edition of the standard (including amendments) indicated below shall be applied.

JIS B 8330 *Testing methods for turbo-fans*

## 3 Terms, definitions and symbols

### 3.1 Terms and definitions

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