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**Determination of the emission of volatile
organic compounds and aldehydes by
building products — Small chamber
method**

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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 revised by the Minister of Economy, Trade and Industry through deliberations at the Japanese Industrial Standards Committee in accordance with the Industrial Standardization Law.

Consequently **JIS A 1901** : 2009 is replaced with this Standard.

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Attention is drawn to the possibility that some parts of this Standard may conflict with patent rights, applications for a patent after opening to the public or utility model rights. The relevant Minister and the Japanese Industrial Standards Committee are not responsible for identifying any of such patent rights, applications for a patent after opening to the public or utility model rights.

Determination of the emission of volatile organic compounds and aldehydes by building products — Small chamber method

Introduction

This Japanese Industrial Standard has been prepared based on the first edition of **ISO 16000-9** published in 2006 with additional provisions including test conditions and test methods not specified in **ISO** and with some modifications of the technical contents, to correspond to the actual situations in Japan.

The portions given 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 JF. The comparison table between previous and current editions of this Standard on technically significant revisions is given in Annex JG.

1 Scope

This Standard specifies a general laboratory test method for determination of emission rate of chemical substances emitted from building products into the air, by the use of chamber method.

This measurement procedure is applicable to building products such as boards, wallpapers and floor materials, adhesives, paints and coating materials, and heat-insulating materials. This Standard aims for volatile organic compounds (VOCs), aldehydes as target chemical substances.

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

ISO 16000-9 : 2006 *Indoor air — Part 9 : Determination of the emission of volatile organic compounds from building products and furnishing — Emission test chamber 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 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 1902-1 *Determination of the emission of volatile organic compounds and aldehydes by building products — Sampling, preparation of test*