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JIS A 1911 : 2015

**Determination of the emission of  
formaldehyde by building materials  
and building related products —  
Large chamber method**

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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 1911:2006** is replaced with this Standard.

This **JIS** document is protected by the Copyright Law.

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# Determination of the emission of formaldehyde by building materials and building related products — Large chamber method

## Introduction

This Japanese Industrial Standard was established in 2006. The intent of this revision is to achieve unification of terms and definitions, and symbols with the related standards. The comparison table between previous and current editions of this Standard on technically significant revisions is given in Annex F.

No corresponding International Standard has been established at this point.

## 1 Scope

This Standard specifies a method for determination of the amount of formaldehyde emitted into the air from furniture, building materials and building related products by using a large chamber.

It is applicable to furniture, building boards, wall papers, floor materials, as well as adhesives and paints used for installation and combined products thereof.

## 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 1901 *Determination of the emission of volatile organic compounds and aldehydes by building products — Small chamber method*

JIS A 1962 *Determination of formaldehyde and other carbonyl compounds in indoor air and test chamber air — Active sampling method*

JIS K 0124 *General rules for high performance liquid chromatography*

JIS K 0557 *Water used for industrial water and wastewater analysis*

JIS Z 8703 *Standard atmospheric conditions for testing*

## 3 Terms and definitions

For the purpose of this Standard, the terms and definitions given in **JIS A 1901**, and the following apply. The target pollutant is formaldehyde.

### 3.1 surface area

surface area of a test specimen constantly exposed to circulating air in the chamber

### 3.2 area specific ventilation rate