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Particleboards

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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 revised by the Minister of Economy, Trade and Industry through deliberations at the Japanese Industrial Standards Committee as the result of proposal for revision of Japanese Industrial Standard submitted by Japan Fiberboard and Particleboard Manufacturers Association (JFPMA)/Japanese Standards Association (JSA) with a draft being attached, based on the provision of Article 12, paragraph (1) of the Industrial Standardization Act applied *mutatis mutandis* pursuant to the provision of Article 16 of the said Act. This edition replaces the previous edition (**JIS A 5908 : 2015**), which has been technically revised.

However, **JIS A 5908 : 2015** may be applied in the **JIS** mark certification based on the relevant provisions of Article 30, paragraph (1), etc. of the Industrial Standardization Act until 20 November 2023.

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Particleboards

Introduction

This Japanese Industrial Standard has been prepared based on **ISO 16893** : 2016, Edition 1, and **ISO 16894** : 2009, Edition 1, with some modifications of the technical contents to reflect the local condition in Japan.

The 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 requirements for the boards which are formed mainly from wood particles by hot pressing with adhesives (hereafter referred to as particleboards).

This Standard also covers requirements for the veneered particleboards which are raw particleboards veneered on both sides, decorative particleboards which are raw particleboards to which decorative paper or the like is adhered on one or both sides, and structural particleboards.

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

ISO 16893 : 2016 *Wood-based panels — Particleboard*

ISO 16894 : 2009 *Wood-based panels — Oriented strand board (OSB) — Definitions, classification and specifications* (Overall evaluation : MOD)

In addition, symbols which denote the degree of correspondence in the contents between the relevant International Standards and **JIS** are IDT (identical), MOD (modified), and NEQ (not equivalent) according to **ISO/IEC Guide 21-1**.

2 Normative references

Part or all of the provisions of the following standards, 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 1408 *Test methods of bending and impact for building boards*

JIS A 1412-1 *Test method for thermal resistance and related properties of thermal insulations — Part 1 : Guarded hot plate apparatus*

JIS A 1412-2 *Test method for thermal resistance and related properties of thermal insulations — Part 2 : Heat flow meter apparatus*

JIS A 1460 *Determination of the emission of formaldehyde from building boards —*