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**Board—Determination of bursting
strength**

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In the event of any doubts arising as to the contents,
the original JIS is to be the final authority.

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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 as the result of proposal for revision of Japanese Industrial Standard submitted by Japan Technical Association of the Pulp and Paper Industry (JAPAN TAPPI)/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 P 8131 : 1995** is replaced with this Standard.

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Board—Determination of bursting strength

Introduction

This Japanese Industrial Standard has been prepared based on the third edition of **ISO 2759** published in 2001 without modifying the technical contents with the matters not stated in the corresponding International Standard being added as the Japanese Industrial Standard.

The portions given sidelines or dotted underlines are the matters in which the contents of the original International Standard have been modified. A list of modifications with the explanations is given in Annex JB.

1 Scope

This Standard specifies a method for measuring the bursting strength of board submitted to increasing hydraulic pressure.

It is applicable to all types of board (including corrugated and solid fibreboard) having bursting strengths within the range 350 kPa to 5 500 kPa. It is also applicable to papers or boards having bursting strengths 250 kPa or over to and excluding 350 kPa if the paper or board is to be used to prepare a material of higher bursting strength, such as corrugated board. In such cases, the measurements will not necessarily have the accuracy or precision stated for this method and it is necessary to include a note in the test report stating that the test gave results that were below the minimum value required by the method.

In the absence of any commercial agreement as to which method should be used for materials with bursting strengths between 350 kPa and 1 400 kPa, all materials with bursting strengths below 600 kPa, except components of solid and corrugated fibreboard, should be tested by **JIS P 8112** and the remainder by this Standard.

NOTE 1 The International Standard corresponding to this Standard is as follows.
ISO 2759:2001 *Board—Determination of bursting strength* (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**.

NOTE 2 Annex JA is due to be withdrawn as of 31 March, 2014 and delete **JIS B 0601** from the normative reference.

2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this Standard. For standards with the year indication, only the editions of the indicated year shall apply but the revisions (including amendments) made thereafter shall not apply. The normative references without the indication of the year shall apply only to the most recent editions (including amendments).

JIS B 0601:1982 *Definitions and designation of surface roughness*

JIS P 8110 *Paper and board—Sampling to determine average quality*