

AS/NZS 1301.404s:1998

ISO 1924-1:1992

Reconfirmed 2013

Australian/New Zealand Standard™

Methods of test for pulp and paper

Method 404s: Tensile strength of paper and board (constant rate of loading method)

[ISO title: Paper and board—Determination of tensile properties,
Part 1: Constant rate of loading method]



This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee PK/19, Methods of Test for Pulp and Paper. It was approved on behalf of the Council of Standards Australia on 30 October 1998 and on behalf of the Council of Standards New Zealand on 12 October 1998. It was published on 5 December 1998.

The following interests are represented on Committee PK/19:

Appita Inc.
AusInfo
CSIRO Forestry and Forest Products
Forest Research, New Zealand
National Association of Forest Industries
New Zealand Pulp and Paper Industry Association
Printing Industries Association of Australia
Pulp and Paper Manufacturers Federation of Australia

Additional interests participating in preparation of Standard:

Manufacturers of paper testing instruments
Paper manufacturers
Pulp manufacturers
Research interests
Suppliers of paper testing instruments

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This Standard was issued in draft form for comment as DR 98360.

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RECONFIRMATION

OF

AS/NZS 1301.404s:1998

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**Method 404s: Tensile strength of paper and board
(constant rate of loading method)**

RECONFIRMATION NOTICE

Technical Committee PK-019 has reviewed the content of this publication and in accordance with Standards Australia procedures for reconfirmation, it has been determined that the publication is still valid and does not require change.

Certain documents referenced in the publication may have been amended since the original date of publication. Users are advised to ensure that they are using the latest versions of such documents as appropriate, unless advised otherwise in this Reconfirmation Notice.

Approved for reconfirmation in accordance with Standards Australia procedures for reconfirmation on 13 September 2013.

The following are represented on Technical Committee PK-019:

Appita
Australian Forest Products Association
Australian Institute of Packaging
HRL Technology

NOTES

Australian/New Zealand Standard™

Methods of test for pulp and paper

Method 404s: Tensile strength of paper and board (constant rate of loading method)

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Foreword

This standard was prepared by Committee PK/19, Methods of Test for Pulp and Paper as a part of AS/NZS 1301, *Methods of test for pulp and paper*.

This edition cancels and replaces AS 1301.P404s—1981 in Australia and NZS 1301.P404s:1981 in New Zealand.

This standard is identical with and has been reproduced from ISO 1924-1:1992, *Paper and board – Determination of tensile properties*, Part 1: *Constant rate of loading method*.

The objective of this revision is to adopt the ISO standard.

Annex A forms an integral part of this standard.

For the purposes of this Australian/New Zealand Standard, the ISO text should be modified as follows:

- a) *Terminology* The words 'this Australian/New Zealand Standard' should replace 'this part of ISO 1924' wherever they appear.
- b) *Decimal Marks* Substitute a full point (.) for a comma (,) where it appears as a decimal point.
- c) *References* Replace references to ISO Standards with references, where appropriate, to Australian/New Zealand Standards as follows:

<i>Reference to ISO Standard</i>		<i>Australian/New Zealand Standard</i>	
ISO		AS/NZS	
186	Paper and board—Sampling to determine average quality	1301 1301.417s	Methods of test for pulp and paper Method 417s: Sampling of paper, board and pulp for testing
187	Paper, board and pulps—Standard atmosphere for conditioning and testing and procedure for monitoring the atmosphere and conditioning of samples	1301.P414m 1301.P415m	Method P414m: Conditioning of paper for testing Method P415m: Standard atmosphere for paper testing
536	Paper and board—Determination of grammage	1301.405s	Method 405s: Grammage of non-creped paper and board
1924	Paper and board—Determination of tensile properties	1301.448s	Method 448s: Tensile strength of paper and paper board (Constant rate of elongation method)
1924-2	Part 2: Constant rate of elongation method		
5270	Pulps—Laboratory sheets—Determination of physical properties	1301.208s	Method 208s: Physical testing of pulp handsheets
5725	Precision of test methods—Determination of repeatability and reproducibility for a standard test method by inter-laboratory tests	1301.460s	Method 460s: Statistical concepts used in pulp and paper testing