

Australian/New Zealand Standard™

Method of test for pulp and paper

**Method 421: Paper, board and pulps —
Determination of pH of aqueous extracts
— Cold extraction**



AS/NZS 1301.421:2020

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Method 421: Paper, board and pulps — Determination of pH of aqueous extracts — Cold extraction

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Preface

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee PK-019, Methods of Test for Pulp and Paper to supersede AS/NZS 1301.421:2008, *Methods of test for pulp and paper — Method 421: Determination of pH of aqueous extracts — Cold extraction method*.

The objective of this document is to specify a method for the determination of the pH-value defined by the electrolytes extractable by cold water from a sample of paper, board or pulp.

This document is applicable to all types of paper, board and pulp.

For cellulosic papers used for electrical purposes, the method used should be that given in IEC 60554-2.

This document is identical with, and has been reproduced from, ISO 6588-1:2020, *Paper, board and pulps — Determination of pH of aqueous extracts — Part 1: Cold extraction*.

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The terms “normative” and “informative” are used in Standards to define the application of the appendices or annexes to which they apply. A “normative” appendix or annex is an integral part of a Standard, whereas an “informative” appendix or annex is only for information and guidance.

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Foreword

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The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see www.iso.org/patents).

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For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT), see www.iso.org/iso/foreword.html.

This document was prepared by Technical Committee ISO/TC 6, *Paper, board and pulps*.

This third edition cancels and replaces the second edition (ISO 6588-1:2012), which has been technically revised. The main changes compared to the previous edition are as follows:

— addition of the last four paragraphs in the Introduction to clarify the differences, in the role and mode of addition of a salt solution, between this document and ISO 29681[5].

A list of all parts in the ISO 6588 series can be found on the ISO website.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.