



## Methods of test for pulp and paper

### Method 014: Size classification of wood chips

STANDARDS  
Australia



AS 1301.014:2019

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### **Method 014: Size classification of wood chips**

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## Preface

This Standard was prepared by the Australian members of the Joint Standards Australia/Standards New Zealand Committee PK-019, Methods of Test for Pulp and Paper, to supersede AS/NZS 1301.014rp:2002.

After consultation with stakeholders in both countries, Standards Australia and Standards New Zealand decided to develop this Standard as an Australian Standard rather than an Australian/New Zealand Standard.

The objective of this Standard is to provide the pulp and paper industry with a standardised method for classifying wood chips.

The major changes in this edition are the introduction of a definition for card chips and the inclusion of contaminants in the weight of each fraction.

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## Introduction

The purpose of chip classification is to determine the quality of market wood chips with regard to chip sizes and fines content. A sample of wood chips is taken from a lot, and the sample is put through a classifier which separates the chips according to size. The proportion of chips in each size class is reported.

This Method is similar in principle to SCAN-CM40.

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# Australian Standard<sup>®</sup>

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### Method 014: Size classification of wood chips

#### 1 Scope

This Standard describes the apparatus and procedure for size classification of wood chips intended for the production of wood pulps.

#### 2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document.

AS/NZS 1301.010s, *Methods of test for pulp and paper — Method 010s: Determination of moisture in wood chips*

AS/NZS 1301.013rp, *Methods of test for pulp and paper — Method 013rp: Sampling of wood chips for testing*

#### 3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

##### 3.1

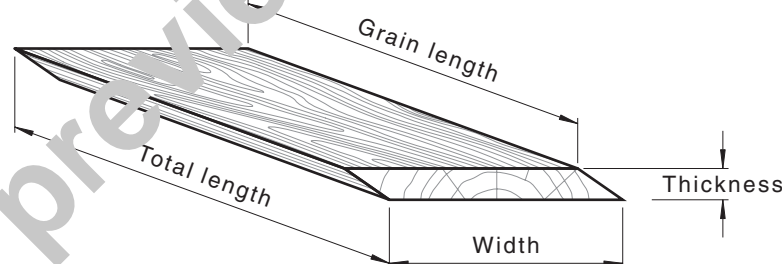
##### **card chips**

chips which remain on the oversize (top) screen, but whose grain length is not more than the oversize screen hole dimension

##### 3.2

##### **grain length**

cut length measured on the top of the wood chip (not the total length) (see [Figure 1](#))



**Figure 1 — Diagram of wood chip parameters**

##### 3.3

##### **may**

indicates the existence of an option

##### 3.4

##### **shall**

indicates that a statement is mandatory

##### 3.5

##### **should**

indicates a recommendation