



Methods of test for pulp and paper

Method 014: Size classification of wood chips



AS 1301.014:2019

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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.

Australian Standard[®]

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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 woodchip (not the total length) (see [Figure 1](#))

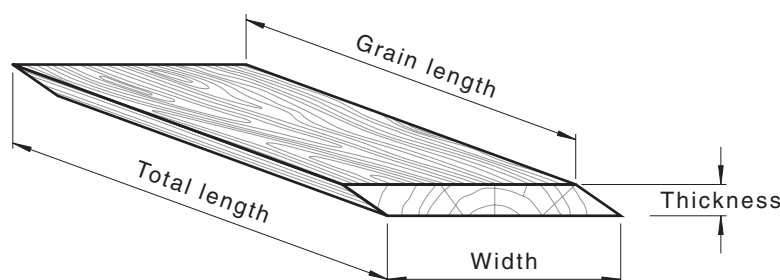


Figure 1 — Diagram of wood chip parameters

3.3

may

indicates the existence of an option

3.4

shall

indicates that a statement is mandatory

3.5

should

indicates a recommendation