

Australian/New Zealand Standard™

AS/NZS 4266.3

Reconstituted wood-based panels— Methods of test

Method 3: Moisture content

PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee TM-005, Reconstituted Timber Panel Products, to supersede AS/NZS 4266.3(Int):2001.

This Standard is equivalent to the industrial Standard harmonized between the wood panel industries in Australia, Japan and New Zealand, known as JANS 11.

METHOD

1 SCOPE

This Standard specifies a method for determining the moisture content of reconstituted wood-based panels.

2 REFERENCED DOCUMENTS

The following documents are referred to in this Standard:

AS/NZS

4266 Reconstituted wood-based panels—Methods of test

4266.1 Method 1: Sampling, cutting, and conditioning of test pieces

4491 Timber—Glossary of terms in timber related Standards

3 DEFINITIONS

For the purpose of this Standard, the definitions in AS/NZS 4491 and AS/NZS 4266.1 apply.

4 PRINCIPLE

Moisture loss is determined by—

- (a) measuring the loss of mass of each test piece between its state at the time of sampling and its state after drying to constant mass at $103 \pm 2^\circ\text{C}$; and
- (b) calculating this loss of mass as a percentage of the mass of the test piece after drying.

The results are used to estimate the moisture content of whole panels.

5 APPARATUS

5.1 Balance

Balance with a scale interval of 0.01 g.