

Australian/New Zealand Standard™

**Methods for sampling and analysing
timber preservatives and
preservative-treated timber**

AS/NZS 1605:2000

This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee TM/6, Timber Preservation and Durability. It was approved on behalf of the Council of Standards Australia on 25 February 2000 and on behalf of the Council of Standards New Zealand on 22 February 2000. It was published on 12 May 2000.

The following interests are represented on Committee TM/6:

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Housing Industry Association, Australia
Institution of Engineers, Australia
National Registration Authority for Agricultural and Veterinary Chemicals
New Zealand Forest Research Institute
New Zealand Timber Industry Federation
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Australian/New Zealand Standard™

Methods for sampling and analysing timber preservatives and preservative-treated timber

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PREFACE

This Standard was prepared by the Joint Standards Australia and Standards New Zealand Committee TM/6, Timber Preservation and Durability, to supersede AS/NZS 1605:1998.

The objective of this Standard is to set out a series of methods for sampling and analysing timber preservatives and preservative-treated timber.

The objective of this revision is to include the methods for sampling and analysing high temperature creosote originally included in AS 1143—1973. The preservative specification for high temperature creosote is amalgamated into AS 1604.

The term 'informative' has been used in this Standard to define the application of the appendix to which it applies. An 'informative' appendix is only for information and guidance.

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STANDARDS AUSTRALIA/STANDARDS NEW ZEALAND

Australian/New Zealand Standard**Methods for sampling and analysing timber preservatives and preservative-treated timber**

SECTION 1 SCOPE AND GENERAL

1.1 SCOPE

This Standard sets out a series of methods for sampling and analysing timber preservatives and preservative-treated sawn and round timber.

1.2 APPLICATION

This Standard should be read in conjunction with AS 1604 or the relevant Standard to which timber is claimed to have been treated.

To make cross-referencing easier, methods are grouped into Sections according to the general nature of the tests as follows:

- (a) Sampling preservative liquids and preservative-treated timberSection 2.
- (b) Determination of preservative penetration.....Section 3.
- (c) Analysis of preservative retentionSection 4.
- (d) Analysis of preservative solution concentration.....Section 5.
- (e) Determination of presence of sapwood.....Section 6.

NOTE: Methods have been assigned consecutive numbers within Sections, but without regard to any particular order.

1.3 REFERENCED AND RELATED DOCUMENTS**1.3.1 Referenced documents**

The following documents are referred to in this Standard:

AS	
1199	Sampling procedures and tables for inspection by attributes
1399	Guide to AS 1199—Sampling procedures and tables for inspection by attributes
1604	Timber—Preservative-treated—Sawn and round
2026	Density hydrometers
2163	Laboratory glassware—Measuring cylinders
3529	Solvents—Toluene
AS/NZS	
4491	Timber—Glossary of terms in timber related Standards
ISO 9000	Quality management and quality assurance standards
ISO 9000.1	Part 1: Guidelines for selection and use
ISO 9004	Quality management and quality system elements
ISO 9004.1	Part 1: Guidelines