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AS/NZS 1605.3:2018

Australian/New Zealand Standard™

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

Part 3: Analysis methods for determination of preservative retention

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The following are represented on Committee TM-012:

Australian and New Zealand Timber Preservative Manufacturers Association
Australian Forest Products Association
Australian Pesticides and Veterinary Medicines Authority
Australian Timber Flooring Association
Australian Timber Importers Federation
Building Research Association of New Zealand
Department of Agriculture, Fisheries and Forestry, Qld
Engineered Wood Products Association of Australasia
Forest and Wood Products Australia
Forestry Corporation of NSW
Glued Laminated Timber Association of Australia
Ministry of Business, Innovation and Employment, New Zealand
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Australian/New Zealand Standard™

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

Part 3: Analysis methods for determination of preservative retention

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PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee TM-012, Timber Grading and Preservation, to supersede AS/NZS 1605.3:2006.

The objective of this revision is to add analytical procedures to determine—

(a) triadimefon and cyproconazole in glueline-treated and surface-treated timber;

(b) quaternary ammonium compound in wood treated with ACQ preservatives;

(c) didecyldimethyl ammonium chloride in wood treated with ACQ preservatives;

(d) zinc borate in reconstituted wood products;

(e) thiacloprid in glueline-treated plywood and laminated veneer lumber (LVL); and

(f) deltamethrin in glueline-treated engineered wood products.

The objective of this Standard is to set out methods for the sampling and analysing of preservative treated timber.

AS/NZS		
1605	Methods for sampling and analysing timber preservatives and preservative-treated timber	
1605.1	Part 1:	General requirements, sampling, and determination of sapwood and heartwood presence
1605.2	Part 2:	Determination of preservative penetration by spot tests
1605.3	Part 3:	Analysis methods for determination of preservative retention (this Standard)
1605.4	Part 4:	Analysis methods for determination of preservative solution concentration

This Standard is intended to be read in conjunction with AS/NZS 1605.1 and the AS/NZS 1604 series, NZS 3640 or the relevant Standard to which timber is claimed to have been treated. The preservatives incorporated in the AS/NZS 1604 series are required to be accompanied by analytical methods for their determination, which are incorporated in the AS/NZS 1605 series.

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