AS 3818.9:2026

Australian STANDARD®

STANDARDS Australia

# Timber — Heavy structural products — Visually graded

## Part 9: Natural round treated hardwood corbels, girders and stringers



# AS 3818.9:2026

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Engineered Wood Products Association of Australasia
Forest & Wood Products Australia
Glued Laminated Timber Association of Australia
National Centre for Timber Durability and Design Life
Tasmanian Timber Promotion Board
The University of Queensland
Timber Preservers Association of Australia
Timber Queensland

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# How to read this Standard

This page explains the meaning of the language and structure of this Standard.

Refer to Standards Australia's Standardisation Guide 006 for more details about drafting rules.

Australian and Australian/New Zealand Standards are voluntary unless they are referenced in legislation or called up in contracts.

**Requirements**

To conform to a Standard, all requirements in the Standard need to be met.

A requirement is any statement in the Standard which uses the word "shall".

**Recommendations, permissions and possibilities**

The following words are commonly used in Standards, but statements using them do not have to be followed to conform to the Standard:

(a) "should" means that something is recommended.

(b) "may" means that something is permitted.

(c) "can" means that something is possible.

**Structure of Standards**

A Standard always has the following parts:

(i) The Preface states who developed the Standard, what the Standard is aiming to do, and how it relates to other documents.

(ii) The Scope states what the Standard is about, what it covers and what it does not cover.

(iii) The Normative references clause lists other documents that are referenced in the Standard as part of requirements.

(iv) The Terms and definitions clause defines important terms to help with understanding the Standard.

A Standard may also include other parts, such as the following:

(1) A normative appendix sets additional requirements that need to be conformed to.

(2) An informative appendix provides additional information or guidance. They usually do not contain requirements. If an informative appendix does contain requirements, the Standard will explain when those requirements apply.

(3) A Bibliography lists documents referenced in the Standard but not as part of requirements.

Many Standards include notes. Notes provide recommendations and/or guidance only. They never contain requirements.

# Preface

This Standard was prepared by the Australian members of the Joint Standards Australia/Standards New Zealand Committee TM-012, Timber Grading and Preservation, to supersede AS 3818.9:2010.

The objective of this document is to provide producers and users of natural round treated hardwood corbels, girders and stringers with the requirements for the visual grading of timbers intended for use in structures.

The major changes in this edition include updated requirements and enhanced consistency and alignment between all Parts.

A list of all Parts in the AS 3818 series can be found in the Standards Australia online catalogue.

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## Part 9: Natural round treated hardwood corbels, girders and stringers

## Section 1 Scope and general

### 1.1 Scope

This document sets out the requirements for natural round treated hardwood corbels, girders and stringers intended primarily for use in heavy engineering projects (e.g. bridges, wharves and large timber-framed buildings). These minimum requirements apply at the time of grading.

This document does not cover requirements for strength and dimensions.

### 1.2 Application

This document shall be used in conjunction with AS 3818.1 to visually grade natural round treated hardwood corbels, girders and stringers.

NOTE AS/NZS 4676 provides information on the typical life expectancy for timber species.

### 1.3 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:

NOTE Documents referenced for informative purposes are listed in the Bibliography.

AS 3818.1, *Timber — Heavy structural products — Visually graded, Part 1: General requirements*

AS/NZS 1604.1, *Preservative-treated wood-based products, Part 1: Products and treatment*

### 1.4 Terms and definitions

For the purposes of this document, the terms and definitions given in AS 3818.1 and the following apply.

**1.4.1**

**may**

indicates the existence of an option

**1.4.2**

**shall**

indicates that a statement is mandatory

**1.4.3**

**should**

indicates a recommendation

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