



**Australian Government**

# **Assessment Requirements for FWPCOT2249 Visually stress grade hardwood**

**Release: 1**

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## Modification History

Release	Comments
Release 1	This version released with FWP Forest and Wood Products Training Package Version 5.0.

## Performance Evidence

An individual demonstrating competency must satisfy all of the elements and performance criteria in this unit.

There must be evidence that, on at least one occasion, the individual has visually stress graded hardwood and has:

- prepared for visual stress-grading of hardwood
- evaluated and visually stress graded hardwood in readiness for processing or storage
- followed work order and relevant workplace health and safety and environmental protection procedures
- accurately identified characteristics and defects in hardwood
- accurately interpreted grading standards and specifications
- communicated effectively with others at workplace
- followed workplace procedures, standards and codes of practice for visually stress-grading hardwood
- recorded and reported grading activity.

## Knowledge Evidence

An individual must be able to demonstrate the knowledge required to perform the tasks outlined in the elements and performance criteria of this unit. This includes knowledge of:

- regulations, standards, codes of practice and established safe practices for visually stress-grading hardwood
- workplace standards, policies and procedures for visually stress-grading hardwood
- risks and hazards associated with grading timber
- criteria for recycling and reusing sub-standard material
- visual stress-grading techniques and methods
- grading markings and standards
- characteristics and properties of hardwood
- structural grade of hardwood

- storage systems and labelling procedures
- disposal methods for timber with defects or contamination, including recycling, reusing and redirecting
- workplace communication channels and protocols
- procedures for recording and reporting workplace information
- strategies for identifying and resolving problems.

## Assessment Conditions

Assessment of skills must take place under the following conditions:

- physical conditions:
  - skills must be demonstrated in a timber processing or manufacturing facility or an environment that accurately represents workplace conditions
- resources, equipment and materials:
  - hardwood for visual stress-grading
  - vernier callipers
  - moisture meters (resistance and/or capacitance)
  - tapes
  - marking implements
  - personal protective equipment required for stress-grading hardwood
- specifications:
  - work order with specific instructions for visually stress-grading hardwood
  - workplace procedures for visually stress-grading hardwood
  - regulations, standards, codes of practice and established safe practices, including Australian Standard AS2082.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

## Links

Companion Volumes, including Implementation Guides, are available at VETNet: -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=0d96fe23-5747-4c01-9d6f-3509ff8d3d47>