



Australian Government

Assessment Requirements for FWPCOT2250 Visually stress grade softwood

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 softwood and has:

- prepared for evaluation and visual stress-grading of softwood
- followed work order and relevant workplace health and safety and environmental protection procedures
- evaluated and visually stress graded softwood in readiness for processing or storage
- accurately identified characteristics and defects in softwood
- accurately interpreted grading standards and specifications
- communicated effectively with others at the workplace
- followed workplace procedures, standards and codes of practice for visually stress-grading softwood
- 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 softwood, including Australian Standard AS2858
- workplace procedures for visually stress-grading softwood
- 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, defects and properties of softwood
- structural grade of softwood

- 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:
 - softwood for visual stress-grading
 - vernier callipers
 - moisture meters (resistance and/or capacitance)
 - tapes
 - marking implements
 - personal protective equipment required for stress-grading softwood
- specifications:
 - work order with specific instructions for visually stress-grading softwood
 - workplace procedures for visually stress-grading softwood
 - regulations, standards, codes of practice and established safe practices, including Australian Standard AS2858.

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>