



Australian Government

**Assessment Requirements for
FWPCOT3284 Grade, sort and mark
timber materials**

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:

- graded, sorted and marked three or more of the following timber products:
 - timber from native species
 - timber from imported species
 - dressed timber
 - in-the-rough timber
 - stress and non-stress graded timber
 - preservative treated timber
 - medium density fibreboard
 - laminated veneer
 - chipboard
 - plywood
 - fibreboard
 - other engineered wood products
 - coated and/or treated timber products
 - debarked logs
- during the grading, sorting and marking operation:
 - followed work order and relevant workplace health and safety and environmental protection procedures
 - safely and efficiently graded, sorted and marked materials according to workplace procedures
 - identified materials defects
 - safely used workplace equipment for lifting and moving materials
 - coordinated movement of graded material to storage or processing operations

- recorded and reported grading outcomes to appropriate personnel.

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:

- workplace health and safety procedures, with particular emphasis on the use of personal protective equipment (PPE) and safe manual handling techniques
- types of risk and hazards and mitigation measures associated with grading and sorting activities
- equipment used for lifting and moving timber products
- types of timber products for grading and sorting
- industry standards for cross-sections and lengths for different types of timber products
- methods of visual estimation, grading, colour identification and tagging of different types of timber products
- grade classifications for different types of timber products
- procedures for sorting, marking, distribution and storage of different types of timber products
- methods of assessing timber products for number and frequency of defects
- methods for determining and recording moisture content of timber products
- timber defects, including:
 - warp
 - wane
 - cupping
 - shakes
 - insect defects
 - loose or missing knots
 - resin pockets
 - dents
 - loose surface
 - lifting coatings
 - thin or missing coatings
 - chipped edges
 - splits
 - voids
 - splintered or missing edges
 - pin holes
- criteria for disposal, recycling and reuse of sub-standard timber product
- methods for safe disposal of waste preservative treated timber.

Assessment Conditions

Assessment of skills must take place under the following conditions:

- physical conditions:
 - skills must be demonstrated in a timber processing plant, a timber product manufacturing plant or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - moving equipment
 - PPE suitable for grading, sorting and marking timber products
 - labelling materials
 - three or more of the following timber products for grading and sorting: timber from native species, timber from imported species, dressed timber, in-the-rough timber, stress and non-stress graded timber, preservative treated timber, medium density fibreboard, laminated veneer, chipboard, plywood, fibreboard and other manufactured board products, coated and/or treated timber products, and debarked logs
 - storage locations for graded and sorted timber products
- specifications:
 - template documents for recording outcomes of grading activities
 - work order with specific instructions for grading and sorting timber products
 - workplace procedures for grading and sorting activities.

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>