



Australian Government

**Assessment Requirements for
FWPSAW2214 Sort timber boards
manually**

Release: 1

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Modification History

| Release | Comments |
|-----------|---|
| Release 1 | This version released with FWP Forest and Wood Products Training Package Version 8.0. |

Performance Evidence

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

There must be evidence that the individual has sorted timber boards manually by size and grade for allocation to storage or downstream operations for one production run according to prescribed specifications.

In performing this task, the individual has:

- followed workplace health and safety and environmental protection practices and/or procedures
- assessed timber board dimensions, characteristics and defects visually
- used transfer sorting equipment to distribute boards to storage or subsequent operations while maintaining material flow
- disposed of or recycled sub-standard boards or marked for docking.

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 procedures for manual sorting, storage and labelling of timber boards
- timber types, including:
 - native timber species
 - imported timber species
 - dressed timber
 - in-the-rough timber
 - stress and non-stress graded timber
 - preservative treated timber
- characteristics used to manually sort timber boards, including:
 - type

- finish quality
- timber defects
- length
- width
- thickness
- typical timber defects and how they affect ability to produce a quality finished product, including:
 - incorrect moisture content
 - warp
 - wane
 - cupping
 - shakes
 - insect defects
 - knots
 - resin pockets
- range of industry standard lengths, cross-sections, appearance grades and applicable terminology
- markings used on timber boards to identify grade
- workflow processes used to manually sort timber boards
- flow of timber board supply in and out of sorting area
- storage layout and storage categories for timber boards
- methods to label timber in storage locations and common terms used
- purpose, features and operation of equipment used for sorting boards manually, including:
 - conveyor belt systems
 - track systems
 - lifting equipment including forklifts, slings, trolley jacks, gantry cranes, loaders
- workplace procedures specific to sorting timber boards manually, including:
 - health and safety, with particular emphasis on use of personal protective equipment (PPE) and other equipment
 - communication reporting lines
 - recording and reporting processing and equipment faults
- workplace environmental protection requirements and practices for timber processing operations, including:
 - cleaning of plant, tools and equipment
 - disposing of, recycling and reusing timber
 - safe disposal of waste material.

Assessment Conditions

Assessment of the skills in this unit of competency 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:
 - a selection of timber boards for sorting
 - equipment for sorting and transferring timber boards
 - PPE suitable for sorting timber boards manually
- specifications:
 - work order or instruction detailing board sorting requirement
 - workplace health and safety and environmental protection policies and/or procedures applicable to sorting timber boards manually.

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>