



Australian Government

Assessment Requirements for FWPCOT2230 Assemble products

Release: 2

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Modification History

Release	Comments
Release 2	This version released with FWP Forest and Wood Products Training Package Version 4.0.
Release 1	This version replaces equivalent unit FPICOT2230B Assemble products, which was first released with FPI11 Forest and Forest Products Training Package Version 2.2.

Performance Evidence

An individual demonstrating competency in this unit must satisfy all of the elements and performance criteria of this unit. There must be evidence that, on at least one occasion, the individual has:

- assembled three or more of the following types of timber products according to an individual work order, construction plan and workplace health and safety requirements:
 - pallets
 - crates
 - trellises
 - stairs
 - doors
 - windows
 - beams
- strapped, packed and labelled bundles of completed timber products ready for transportation
- completed a detailed and accurate report for production outcomes and equipment faults.

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:

- health and safety hazards or risks related to assembling timber products, as identified through risk assessments, manufacturer technical information, regulations and industry health and safety guides
- workplace procedures specific to assembling timber products:
 - health and safety, with particular emphasis on personal protective equipment (PPE) and equipment lockout

- use of equipment for assembling timber products
- communication reporting lines
- recording and reporting production outcomes and equipment faults
- environmental protection practices for timber product manufacturing facilities:
 - reducing water and energy use
 - cleaning plant, tools and equipment
 - disposing of, recycling and reusing timber
- typical timber component defects and how these affect the ability to produce a quality finished product:
 - warp
 - wane
 - cupping
 - shakes
 - insect defects
 - knots
 - resin pockets
- assembly sequences
- componentry and construction standards
- typical assembly faults triggering a correction to ensure timber product quality, including:
 - incorrectly positioned joints
 - timber splits from nailing
 - incorrectly positioned hardware
- storage layout and categories for stacking finished timber products
- types of tools, equipment and assembly hardware used for assembling timber products, their purpose, features and operation:
 - measuring equipment
 - assembly jigs
 - nail plate presses
 - staple guns
 - nail guns
 - compressor or compressed air supply
 - marking equipment
 - strapping equipment
 - nailing plates
 - gang nails
 - nail gun nails
 - staples.

Assessment Conditions

Assessment of skills must take place under the following conditions:

- physical conditions:
 - skills must be demonstrated in an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - tools and equipment used to assemble timber products
 - assembly hardware
 - PPE suitable for assembling timber products
 - pre-cut sections of timber
- specifications:
 - manufacturer instructions for equipment use
 - work order and construction plan with specifications for assembling timber products
 - template documents for recording production outcomes and equipment faults
 - workplace procedures for assembling timber products, including health and safety and emergency procedures and environmental protection procedures.

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>