



Australian Government

Assessment Requirements for FWPTMM4215 Plan for and coordinate timber product assembly

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 planned and managed one production run for the assembly of a timber product selected from the following list according to production order, construction plan and workplace health and safety requirements:

- pallets
- crates
- trellises
- trusses
- frames
- stairs
- doors
- windows
- prefabricated timber building systems.

In performing this task, the individual has:

- determined, documented and communicated assembly schedules for the product assembly operation
- complied with legislation, standards and codes of practice relevant to timber product assembly
- assessed production output during the assembly operation for:
 - speed and efficiency of operation
 - quality finish
 - dimensional consistency
- monitored, assessed and modified schedules in response to changing circumstances
- completed operating logs and assembly records

- examined two systematic issues arising during assembly operation regarding processes, construction plans, componentry and/or equipment, and recommended actions for process improvements.

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
- key requirements of legislation, standards and codes of practice relevant to timber product assembly
- workplace procedures specific to planning and coordinating timber product assembly, including:
 - health and safety, including the use of personal protective equipment (PPE) and emergency response
 - environmental protection practices for disposing, recycling and reusing timber
 - communication reporting lines for operator team members and self
 - documenting assembly schedules and reports
 - recording and reporting systematic equipment faults
- operational capacity of equipment used to assemble timber products
- typical flow of material supply in and out of the assembly area
- typical assembly sequences and range of techniques used to assemble timber products
- methods of determining timber product assembly schedules to:
 - maximise equipment and labour use
 - meet customer and production orders within deadlines
- methods used to:
 - assess timber product assembly processes in relation to complying with time and product quality parameters
 - diagnose and analyse systematic problems with construction plans, componentry and equipment
- format, content and use of:
 - construction plans
 - assembly schedules
 - operating logs and assembly records
 - process improvement reports.

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 product manufacturing plant or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - tools, equipment and assembly hardware used to assemble timber products
 - PPE suitable for coordinating timber assembly production lines
 - pre-cut sections of timber
- specifications:
 - templates for recording timber product assembly issues and recommendations for improvements
 - production order for quantities and types of assembled timber products
 - construction plan with specifications for assembling timber products
 - workplace health and safety, emergency and environmental protection policies and/or procedures for planning and coordinating product assembly
- relationships:
 - work team to undertake product assembly.

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>