



Australian Government

Assessment Requirements for FWPCOT4203 Plan and coordinate product assembly

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 FPICOT4203B Plan and coordinate product assembly, 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:

- planned and coordinated product assembly operation according to production and construction plan and workplace health and safety requirements
- determined, documented and communicated assembly schedules for the product assembly operation
- assessed production output during 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
- completed a detailed report about systematic issues arising during assembly operation regarding processes, construction plans, componentry and 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
- workplace procedures specific to planning and coordinating product assembly:

- health and safety, including the use of personal protective equipment (PPE)
- communication reporting lines for operator team members and self
- documenting assembly schedules and reports
- recording and reporting systematic equipment faults
- environmental protection practices for forest products factory settings:
 - reducing water and energy use
 - disposing of, recycling and reusing timber
- operational capacity of equipment used to assemble products, with particular emphasis on nail plate presses
- 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 assembly schedules to:
 - maximise equipment and labour use
 - meet customer and production orders within deadlines
- methods used to:
 - assess assembly processes for ability to meet schedules and quality of outcomes
 - 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 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, 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 procedures for planning and coordinating product assembly, 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>