



Australian Government

Assessment Requirements for FWPWPP2212 Cut panels to profile

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:

- followed a work order and relevant workplace health and safety and environmental protection procedures
- produced profiled panels for one or more of the following types of material in line with individual work orders that prescribe different profiles and number of panels for each job:
 - medium density fibreboard
 - laminated veneer
 - chipboard
 - fibreboard
- completed profiling of product chosen from the following list:
 - quad
 - beading
 - mouldings
 - shaped beams
 - architraves
 - skirting boards
 - scotia
- stacked batches of profiled panels in storage location according to common profile type and dimension
- completed operator maintenance on the profiling equipment used.

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:

- environmental protection practices for forest products factory settings:
 - reducing water and energy use
 - cleaning plant, tools and equipment
 - disposing of, recycling and reusing timber and other waste
- storage layout and categories for:
 - raw materials
 - stacking finished panels
- typical timber panel defects and how they affect ability to produce quality profiled product:
 - warp
 - wane
 - cupping
 - holes
 - breakages
 - lifting veneer
 - bonding problems
- common profiles and applicable terminology
- common cutting patterns, sequences and appropriate feed rates used to achieve common profiles
- purpose, features and operation of equipment used to cut panels to profile:
 - measuring equipment
 - multi-head planing machines (four sided)
 - spindle moulders
 - routing machines
 - shaping machines
 - machine guides
- methods for assessing cutting blade condition, and completing basic non-specialist repair and maintenance for profiling equipment
- organisational procedures specific to cutting panels to profile:
 - workplace health and safety, with particular emphasis on equipment lock-out and use of personal protective equipment (PPE)
 - communication reporting lines
 - recording and reporting production outcomes, equipment faults and maintenance requirements.

Assessment Conditions

Assessment of skills must take place under the following conditions:

- physical conditions:
 - skills must be demonstrated in a timber processing or manufacturing facility or an environment that accurately represents workplace conditions

- resources, equipment and materials:
 - measuring equipment
 - profiling equipment that includes one or more of the following: multi-head planing machines (four sided); spindle moulders; routing machines; shaping machines
 - machine guides
 - maintenance tools and equipment
 - consumable profile cutting blades in various shapes and sizes
 - PPE suitable for cutting panels to profile
 - commercial timber that includes one or more of the following: medium density fibreboard; laminated veneer; chipboard; fibreboard
- specifications:
 - manufacturer instructions for use and maintenance of equipment
 - work order for cutting activities with specific instructions for cutting and storing panels
 - template documents for recording production outcomes, equipment faults and maintenance requirements
 - organisational procedures for cutting panels to profile.

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>