



Australian Government

Assessment Requirements for FWPTMM2202 Machine material

Release: 1

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Modification History

Release	Comment
1	Replaces equivalent unit FPITMM2202B Machine material, which was first released with FPI11 Forest and Forest Products Training Package Version 2.2. This is the first release of this unit in the new standards format. Assessment requirements now specify the performance and knowledge evidence, as well as assessment conditions for this unit of competency. These sections simplify and replace components used in the previous unit format, including Required Skills and Knowledge, Evidence Guide and Range Statement.

Performance Evidence

A person demonstrating competency in this unit must satisfy all of the elements, performance criteria and foundation skills of this unit. If a specific volume or frequency is not stated below, then evidence must be provided that the following requirements have been performed on at least one occasion:

- perform sawing, planing, drilling and sanding operations on timbers and boards from the following list, each in line with an individual work order:
 - native timber species
 - imported timber species
 - dressed timber
 - in-the-rough timber
 - stress and non-stress graded timber
 - preservative treated timber
 - medium density fibreboard
 - laminated veneer
 - chipboard
 - fibreboard and other manufactured board products
 - coated and/or treated timber products
 - beams or laminated beams
- complete operator maintenance on at least one occasion for each of these types of equipment:
 - sawing equipment
 - planing equipment
 - drilling equipment

- sanding equipment

Knowledge Evidence

A person competent in this unit must be able to demonstrate knowledge of:

- environmental protection practices for forest products factory settings:
 - reducing water and energy use
 - cleaning of plant, tools and equipment
 - disposing of, recycling and reusing timber and other waste
- storage layout and categories for:
 - raw materials
 - stacking finished materials
- machining characteristics of timber and timber defects
- cutting patterns and sequences
- industry standard cross-sections and lengths
- types of machining tools and equipment; their purpose, features, operation and basic non-specialist repair and maintenance:
 - measuring equipment
 - docking saws
 - bench saws
 - panel saws
 - bandsaws
 - panel planers
 - surface planers
 - drill presses
 - boring machines
 - edge sanders
 - profile sanders
 - panel sanders
 - stroke sanders
- methods for assessing saw blade, knife, drill and sanding belt condition
- organisational procedures specific to machining activities:
 - workplace health and safety with particular emphasis on equipment lock out
 - use and maintenance of equipment
 - communication reporting lines
 - recording and reporting cutting process and equipment faults.

Assessment Conditions

The following resources must be made available:

- machining tools and equipment:

- measuring equipment
- docking saws
- bench saws
- panel saws
- bandsaws
- panel planers
- surface planers
- drill presses
- boring machines
- edge sanders
- profile sanders
- panel sanders
- stroke sanders
- maintenance tools and equipment
- consumable components for replacement during operator maintenance
- personal protective equipment suitable for machining activities
- commercially available timbers and boards
- manufacturers' instructions for use and maintenance of equipment
- work order for machining activities with specific instructions for the machining and storage of timber and timber products
- relevant personnel for the purposes of communicating information
- template reports for recording processing and equipment faults
- organisational procedures for machining activities.

Competency is to be assessed in the workplace or a simulated environment that accurately reflects performance in a real workplace setting.

Assessor requirements

- hold the appropriate assessor competency standards as outlined in regulations; and
- be able to demonstrate vocational competencies at least to the level being assessed; and
- be able to demonstrate how they are continuing to develop their VET knowledge and skills as well as maintaining their industry currency and assessor competence.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=0d96fe23-5747-4c01-9d6f-3509ff8d3d47>