



**Australian Government**

# **Assessment Requirements for FWPCOT2241 Apply wood and timber product knowledge**

**Release: 1**

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## Modification History

| Release | Comment                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1       | <p>Replaces equivalent unit FPICOT2241 Apply wood and timber product knowledge, 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.</p> <p>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</p> |

## 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:

- identify, research and evaluate information relating to wood and timber products
- follow organisational policies and procedures relevant to applying and communicating wood and timber product knowledge
- provide advice on and promote wood and timber products to stakeholders.

## Knowledge Evidence

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

- common timber species and their origin, appearance, properties and uses including
  - durability
  - density
  - sawing orientation
  - strength group
  - shrinkage
  - joint strength
  - lyctus susceptibility
  - fire rating

- hardness
- knowledge of products applicable to enterprise requirements
- benefits of common wood and timber types for different end uses
- suitable species and product types for wood and timber applications
- life cycle of forests and forest products and how this impacts on sustainability
- methods, preservatives and exposure hazards relating to manufactured timber: engineered products, laminated veneer lumber (LVL), medium density fibreboard (MDF), plywood, and particle board
- manufacturer product literature covering features and benefits of wood and timber products
- certification and chain of custody schemes and their purpose in the forestry industry
- timber grades and their uses for client applications
- procedures for matching timber coatings and finishes to specific end uses
- wood preservatives and their safety data sheets:
- action required to stay up-to-date with product knowledge
- procedures for recording and reporting information provided to stakeholders.

## Assessment Conditions

The following resources must be made available:

- materials and equipment relevant to applying wood and timber product knowledge:
  - product information from manufacturers and industry stakeholders
  - relevant safety data sheets (SDS)
- specifications and work instructions relevant to production of wood and timber products in own workplace
- organisational policies and procedures relevant to applying wood and timber product knowledge
- relevant personnel for the purposes of communicating information.

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

Assessor requirements

Assessors must:

- 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>