



Australian Government

FWPCOT2241 Apply wood and timber product knowledge

Release: 1

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Modification History

Release	Comment
1	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.

Application

This unit of competency describes the outcomes required to apply wood and timber product knowledge in the workplace and promote the benefits of wood and timber products to a range of customers and other stakeholders. It involves identifying products and providing accurate information to customers and other stakeholders about those products.

The unit applies to Customer Service/Sales Assistant, Sales and Merchandising Team Leader, Timber Advisor.

No licensing, legislative, regulatory, or certification requirements apply to this unit at the time of publication.

Pre-requisite Unit

Nil

Unit Sector

Sawmilling and Processing
Timber Manufactured Products
Timber Merchandising
Wood Panel Products

Elements and Performance Criteria

ELEMENTS	PERFORMANCE CRITERIA
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element. Where bold italicised text is used, further information is detailed in the range of conditions.
1. Develop knowledge of wood and timber products.	1.1 Identify and evaluate information sources for wood and timber products for reliability, validity and currency in line

ELEMENTS	PERFORMANCE CRITERIA
	with organisational policies and procedures. 1.2 Research wood and timber product certification bodies, schemes and their roles. 1.3 Identify properties of wood and timber. 1.4 Identify main features of timber products. 1.5 Analyse differences between imported versus Australian wood and timber products with relevant personnel. 1.6 Maintain currency of wood and timber product knowledge.
2. Relate wood and timber product knowledge to own workplace.	2.1 Prepare to work safely according to workplace work health and safety (WHS) requirements. 2.2 Identify and review workplace wood and timber production process. 2.3 Consult with supervisors and colleagues about current wood and timber product issues. 2.4 Analyse common wood and timber treatment methods, preservatives and exposure hazards. 2.5 Match timber coatings and finishes to a specific use.
3. Promote wood and timber products to stakeholders.	3.1 Promote characteristics of timber to stakeholders according to organisational procedures. 3.2 Respond to stakeholder enquiries about wood and timber products and their respective advantages according to organisational procedures. 3.3 Advise on appropriate timber(s) for specific end uses.

Foundation Skills

This section describes those core and employment skills that are essential to performance and are not explicit in the performance criteria.

Learning skills to:	- find and evaluate relevant product information - ask questions to learn new product information.
Reading skills to:	- analyse and interpret information on wood and timber products - read safety data sheets (SDS).
Oral communication skills to:	communicate effectively with stakeholders.

Range of Conditions

Not Applicable

Unit Mapping Information

FPICOT2241 Apply Wood and Timber Product Knowledge

Links

Companion Volume implementation guides are found in VETNet -

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

Assessment Requirements for FWPCOT2241 Apply wood and timber product knowledge

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1	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. 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:

- 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.

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