



Australian Government

FWPCOR2211 Develop knowledge of the forest and wood products industry

Release: 1

FWPCOR2211 Develop knowledge of the forest and wood products industry

Modification History

Release	Comments
Release 1	This version released with FWP Forest and Wood Products Training Package Version 7.0.

Application

This unit of competency describes the skills and knowledge required to develop a contemporary view of the industry, identify potential career pathways and be aware of both the impact and opportunities that are being created by technological innovation and improved environmental management in the industry.

The unit applies to individuals who are developing knowledge necessary for working in the forest and wood products industry, or for conveying the benefits of this industry and timber use to others.

The unit has wide application and may be used in workplaces, schools, adult and community learning organisations or registered training organisations to develop the forest and wood products industry knowledge of individuals. The unit may also be used as part of pre-vocational or new apprenticeship programs.

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

Pre-requisite Unit

Nil

Unit Sector

Core (COR)

Elements and Performance Criteria

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Identify the scope of	1.1 Describe the forest management cycle

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
commercial forestry operations in Australia	1.2 Distinguish between native forests and plantations 1.3 Identify the primary and secondary products of commercial forestry operations in Australia 1.4 Identify the contribution of commercial forestry operations to the Australian economy 1.5 Source information for the social, cultural and economic importance of forests to key stakeholders, including Indigenous people and regional communities
2. Identify the structure of the forest and wood products industry	2.1 Identify the key sectors of the forest and wood products industry, the products and services produced in each sector, the types of businesses operating in each sector, and the way in which the sectors interrelate 2.2 Source information on the structure of the forest and wood products industry
3. Identify occupations and career pathways in the forest and wood products industry	3.1 Identify career options in the forest and wood products industry 3.2 Describe a career pathway in the forest and wood products industry and the training and skill development options that are available for people pursuing this pathway 3.3 Source information on jobs and career pathways in the forest and wood products industry
4. Identify the types, properties and uses of timber products	4.1 Classify Australian commercial timber species as hardwood or softwood 4.2 Identify the properties and uses of the main Australian commercial timber species 4.3 Explain the benefits of using timber as a building material 4.4 Identify the emerging new uses of wood and wood residues and the potential impact of these on job opportunities and skills in the forest and wood products industry
5. Identify the impact of sustainability on the forest and wood products industry	5.1 Explain the importance of environmental protection in the forest and wood products industry 5.2 Explain the principles of sustainable development and biodiversity and how they are implemented in the forest and wood products industry 5.3 Identify the impact that climate change and carbon reduction

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	strategies may have on the forest and wood products industry 5.4 Source information on environmental management issues impacting on the forest and wood products industry
6. Identify the impact of technological innovation on the forest and wood products industry	6.1 Identify the transformative technologies that are impacting on the forest and wood products industry 6.2 Source information on transformative technologies in the forest and wood products industry

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential for performance in this unit of competency but are not explicit in the performance criteria.

Skill	Description
Learning	Apply basic learning strategies to develop knowledge of the forest and wood products industry
Reading	Read standard texts and industry materials in print and electronic form to gather information on the forest and wood products industry
Writing	Take notes and record outcomes of research activities using paper-based and digital technologies
Oral communication	- Ask questions to clarify information - Use appropriate technical language to describe activities in the forest and wood products industry
Numeracy	Interpret basic numerical and graphical information

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
FWPCOR2211 Develop knowledge	Not applicable	The unit has been created to address a skill or task	Newly created

of the forest and wood products industry		required by industry that is not covered by an existing unit	
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Links

Companion Volumes, including Implementation Guides, are available at VETNet: -

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

Assessment Requirements for FWPCOR2211 Develop knowledge of the forest and wood products industry

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Performance Evidence

An individual demonstrating competency must satisfy all of the elements and performance criteria in this unit.

There must be evidence that the individual has:

- researched and produced a basic report on at least three social, cultural and/or economic benefits of the forest and wood products industry to Indigenous people and regional communities
- sought information from one industry professional about two transformative technologies in the forest and wood products industry
- researched and documented how sustainable development and biodiversity principles are implemented in the forest and wood products industry
- researched and explained to others three benefits of using timber as a building material.

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 basic introductory knowledge, as an overview of the industry, of:

- commercial forestry operations in Australia:
 - forest management cycle
 - native forests and plantations
 - primary and secondary products of commercial forestry
 - social, cultural and economic importance of forests to stakeholders, including Indigenous people and regional communities
- structure of forest and wood products industry:
 - key sectors of the forest and wood products industry
 - products and services produced in each sector
 - the types of businesses operating in each sector
 - way in which the sectors interrelate

- sources of information on the structure of the forest and wood products industry
- types and sources of information on career options and pathways in the forest and wood products industry
- timber products:
 - types, properties and uses of Australian hardwood and softwood commercial timber species
 - benefits of using timber as a building material
 - emerging new uses of wood and wood residues
- impact of sustainability on forest and wood products industry:
 - importance of environmental care in the forest and wood products industry
 - principles of sustainable development and biodiversity and their application in the forest and wood products industry
 - climate change and carbon reduction strategies and their impact on the forest and wood products industry
 - sources of information on environmental management issues
- impact of technological innovation on the forest and wood products industry:
 - types and impact of transformative technologies impacting on the forest and wood products industry – genetics, harvesting and processing technologies
 - sources of information on transformative technologies.

Assessment Conditions

Assessment of the skills in this unit of competency must take place under the following conditions:

- resources, equipment and materials:
 - online access to reference materials
 - reference materials and other sources of information on the forest and wood products industry appropriate for entry level workers, particularly learners who are involved in school-based VET traineeships and other VET in school programs.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

Links

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