



Australian Government

FWPTMM3215 Work effectively in the timber systems design industry

Release: 1

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Modification History

Release	Comments
Release 1	This version released with FWP Forest and Wood Products Training Package Version 6.0.

Application

This unit of competency describes the skills and knowledge required to work effectively with a broad range of individuals and teams within the timber manufacturing products sector. It includes a sound understanding of the organisations' operations work practices and processes of timber systems design.

The unit applies to individuals who contribute to and provide quality product service to clients in a timber production or design setting. They use their own judgment to deal with predictable and unpredictable problems and decide on solutions to a range of problems during the timber design process.

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

Pre-requisite Unit

Nil

Unit Sector

Timber Manufactured Products (TMM)

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. Research the timber systems design industry	1.1 Identify, read and interpret relevant timber system design regulations, codes and standards 1.2 Identify relevant workplace safety and environmental requirements for timber systems design work

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	<p>1.3 Identify roles, responsibilities and scope of work of a timber systems designer</p> <p>1.4 Identify key industry stakeholders in the timber systems design industry</p>
2. Develop and apply product and process knowledge	<p>2.1 Identify efficient designer practices in timber system design</p> <p>2.2 Source and share information on new and emerging timber products and construction techniques that impact timber systems design</p> <p>2.3 Propose and promote the benefits of timber products to stakeholders</p> <p>2.4 Recognise factors that impact on design and manufacture of timber systems</p> <p>2.5 Identify methods of design and manufacture that optimise effective production</p> <p>2.6 Assess own timber system design industry product and process knowledge, and undertake professional development related to job role</p>
3. Work as a timber systems designer	<p>3.1 Identify, read and apply workplace policies and procedures relevant to own work role as timber systems designer</p> <p>3.2 Develop and maintain effective communications and relationships with stakeholders and workplace team members</p> <p>3.3 Identify and access materials, design documentation, specifications and equipment to complete the design task</p> <p>3.4 Sequence design tasks throughout the design project life cycle according to industry practices and workplace procedures</p> <p>3.5 Utilise technology to design, cost, produce, retain and communicate design information, plans and documentation according to industry and workplace procedures</p> <p>3.6 Clarify project and design information with manufacturer and client stakeholder</p> <p>3.7 Identify and resolve problems that impact the design, manufacture and construction of timber systems</p>

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
Reading	<ul style="list-style-type: none">Identify and integrate information from various documentation to understand industry and organisational requirements
Oral communication	<ul style="list-style-type: none">Select and use vocabulary appropriate to the audienceUse terminology specific to role
Numeracy	<ul style="list-style-type: none">Use measurement and formulas to calculate material quantities and costing

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
FWPTMM3215 Work effectively in the timber systems design industry	Not applicable	This unit has been created to address an emerging skill or task required by industry	Newly created

Links

Companion Volumes, including Implementation Guides, are available at VETNet: -
<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=0d96fe23-5747-4c01-9d6f-3509ff8d3d47>