



Australian Government

FWPTMM5210 Verify compliance and conformance of prefabricated timber building systems during manufacture

Release: 1

FWPTMM5210 Verify compliance and conformance of prefabricated timber building systems during manufacture

Modification History

Release	Comments
Release 1	This version released with FWP Forest and Wood Products Training Package Version 4.0.

Application

This unit of competency describes the skills and knowledge required to verify physical performance and compliance liability of panelised or modular prefabricated timber building systems and components during off-site manufacturing to ensure that delivered product matches the design specifications and regulatory obligations.

The unit applies to individuals who work as compliance officers, supervisors or managers in a prefabricated timber building systems manufacturing plant. Such individuals demonstrate deep knowledge in a specific technical area and analyse, design and communicate solutions to sometimes complex problems.

All work must be carried out to comply with workplace procedures, according to state/territory health and safety regulations, legislation and standards that apply to the workplace.

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

Pre-requisite Unit

Nil

Unit Sector

Timber Manufactured Products

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. Prepare to verify	1.1 Obtain and confirm production schedule, design documentation,

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
prefabricated timber building systems and components	plans, requirements, workplace health and safety requirements and established procedures relevant to the off-site manufacturing order 1.2 Identify certification and compliance requirements for prefabricated timber building system, components, materials and in-built services from design specifications or appropriate codes and standards 1.3 Identify tolerances for material quality, physical dimensions and service connections from design specifications 1.4 Prioritise and sequence verification work according to production schedules for completion within established timeframes 1.5 Consult appropriate personnel, testers and certifiers to coordinate verification work efficiently
2. Conduct verification for compliance and conformance	2.1 Verify that connections, structural components and physical dimensions of timber framing structure are appropriate for grade, thickness, tolerances and choice of materials according to minimum specified design requirements before installation services 2.2 Verify that provisions have been made for components including hydraulics, electrical and heating, ventilation, air conditioning mechanical services and plumbing 2.3 Ensure that partition/walls or floor elements are assembled according to design specifications, local codes and standards for minimising or eliminating continuity issues in the final, installed prefabricated timber building system 2.4 Verify regulated components including fire-rated walls or fire protection systems for conformance with performance requirements of relevant codes, standards and design specifications, and ensure that damage is minimised within the manufacturing environment 2.5 Ensure that any variations of material properties or system component decided during the off-site manufacture meet performance, design specification, relevant codes and standards 2.6 Ensure that off-site installation of services conform to the appropriate local standards and are approved before delivery to the construction site 2.7 Verify completed prefabricated timber building system to ensure that delivered product is safe for manual handling and meets design specifications and regulatory requirements
3. Report verification	3.1 Identify and report non-compliance and non-conformance issues

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
findings	according to established procedures 3.2 Make recommendations for rectifying compliance and conformance issues according to established procedures 3.3 Document completion of verification work according to established procedures

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	Read workplace documents that range in complexity
Navigate the world of work	- Apply knowledge of regulations, codes and standards relevant to compliance of prefabricated timber building systems - Monitor adherence to legal and industry standards and responsibilities
Interact with others	- Understand what to communicate, with whom and how in routine work situations - Provide relevant information to others as required
Get the work done	- Take responsibility for planning and organising own workload - Consider how to link own work with the work of others

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
FWPTMM5210 Verify compliance and conformance of prefabricated timber building	Not applicable	New unit	No equivalent unit

systems during manufacture			
----------------------------	--	--	--

Links

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