



**Australian Government**

# **FWPTMM3209 Install prefabricated timber building systems on-site**

**Release: 1**

# FWPTMM3209 Install prefabricated timber building systems on-site

## 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 position and connect panelised or modular prefabricated timber building systems safely and correctly during on-site installation.

The unit applies to individuals who work in the occupational area of installing prefabricated timber building structures. These include construction workers, carpenters or joiners and site supervisors. They generally work under broad or limited direction to complete routine activities related to their own work, and take responsibility for their work.

In order to undertake this unit, individuals must have a relevant trade qualification or equivalent.

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> |

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|--|---|
| <i>Elements describe the essential outcomes.</i>                             | <i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>  |
| 1. Apply workplace health and safety during on-site installation             | <p>1.1 Obtain all workplace health and safety information to ensure that activities are performed safely</p> <p>1.2 Identify workplace and task-specific hazards and report accidents, incidents or near misses during on-site installation according to workplace health and safety requirements to maintain a safe workplace</p> <p>1.3 Identify and use required risk-control and safety measures and equipment according to workplace health and safety requirements</p>  |
| 2. Plan and prepare for installation work                                    | <p>2.1 Obtain and review relevant workplace information, including task instructions, drawings, design specifications, schedules and manufacturer information, and seek clarification if necessary</p> <p>2.2 Confirm installation timeframe and sequence with relevant stakeholders or personnel to meet design specifications and on-site work schedules</p> <p>2.3 Review drawings and design specifications to identify the type, location and quantity requirements for fixings, connections and bracing</p> <p>2.4 Check building structure, slab or floor area and report non-conformance as per workplace processes</p> <p>2.5 Select tools, auxiliary materials and equipment for the installation of prefabricated timber building systems as required, and set up equipment to meet safe work requirements</p> <p>2.6 Obtain information needed to ensure that the inspection, use, maintenance and storage of equipment comply with manufacturer directions</p> <p>2.7 Maintain appropriate ongoing communications and briefings with key stakeholders, including feedback and timeline reviews, for the duration of the installation</p> |
| 3. Check prefabricated timber building systems logistics and storage on-site | <p>3.1 Ensure prefabricated timber building systems are delivered on-site in-line with the phase of the construction project and installation</p> <p>3.2 Ensure there is no risk of damage by weather (moisture), traffic or general construction to prefabricated timber building systems and that they are stored as close as practically possible to the construction site when storage is required</p> <p>3.3 Check prefabricated timber building systems, connections and support points for quantity, quality, tolerance compliance and conformance and damage upon delivery, and report issues to the</p>  |

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|--|---|
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|  | appropriate personnel or according to operational requirements  |
| 4. Install prefabricated timber building systems | <p>4.1 Use tools and equipment safely and correctly according to operational requirements and manufacturer specifications to measure, mark out, level, finish and secure prefabricated timber building systems according to specifications</p> <p>4.2 Assist crane or dogger operators to lift prefabricated timber building systems in the sequential order and apply accurate placement and connection techniques to the required tolerances and specifications</p> <p>4.3 Check corners and walls to ensure they are accurately levelled, plumbed and squared according to specifications and operational requirements</p> <p>4.4 Check prefabricated timber building systems after installation against critical performance metrics and apply sealants as required to ensure compliance with fire, waterproofing and acoustic requirements and with design specifications</p> <p>4.5 Protect prefabricated timber building systems from damage and adverse weather conditions during the installation work and other worksite activities</p> |
| 5. Complete installation                         | <p>5.1 Complete installation within the required timeframe and according to on-site work schedules</p> <p>5.2 Maintain and store hand and power tools, equipment and machinery according to operational requirements</p> <p>5.3 Keep work area and access areas free of debris and waste material according to operational requirements</p> <p>5.4 Record any quality checks and changes or variations applied to a prefabricated timber system during the on-site installation work, according to operational requirements and communicate the process</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 |
|-------|-------------|
|-------|-------------|

| Skill                      | Description   |
|----------------------------|---|
| Navigate the world of work | <ul style="list-style-type: none"><li>Take responsibility for decisions made to meet design specifications and installation, storage and worksite requirements</li></ul>  |
| Interact with others       | <ul style="list-style-type: none"><li>Understand what to communicate, with whom and how in routine work situations</li><li>Provide relevant information to others as required</li></ul>   |
| Get the work done          | <ul style="list-style-type: none"><li>Take responsibility for planning and organising own workload</li><li>Assess effectiveness regarding how well the work was achieved and how closely the process followed the original plan and timeframes</li><li>Consider how to link with the work of others</li></ul> |

## Unit Mapping Information

| Code and title current version                                      | Code and title previous version | Comments | Equivalence status |
|---|---------------------------------|----------|--------------------|
| FWPTMM3209<br>Install prefabricated timber building systems on-site | Not applicable                  | New unit | No equivalent unit |

## Links

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