



Australian Government

**FWPTMM3208 Apply critical workplace
processes in the manufacture of
prefabricated timber building systems**

Release: 1

FWPTMM3208 Apply critical workplace processes in the manufacture of prefabricated timber building systems

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 conduct production tasks on an assembly line for panelised or modular prefabricated timber building systems safely and efficiently. Critical workplace processes covered in this unit include workplace health and safety, storage and handling of building materials for major timber building sub-assemblies, quality check at the workstations before and after assembly work and control of waste material for disposal.

The unit applies to individuals who work as operators in a prefabricated timber building systems manufacturing plant. These include wood machinists, carpenters or joiners, supervisors and other trade and multi-skilled operators. Operators 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 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
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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 the assembly operation	<p>1.1 Obtain and review workplace health and safety requirements and emergency procedures for assembly operation and, where required, check with appropriate personnel</p> <p>1.2 Use personal protective equipment and identify and report hazards, accidents, incidents or near misses throughout assembly operation according to workplace requirements and health and safety legislation to maintain safe work practices</p>
2. Store and handle building materials for major sub-assemblies	<p>2.1 Use the storage system provided for tools, equipment and building materials to enhance accessibility, protect material, and replenishment of commonly used resources</p> <p>2.2 Ensure that large sub-assemblies and materials are positioned according to workplace procedures for ease of access and safety, enabling optimal use of floor space and production efficiency</p>
3. Check the quality of building materials before assembly work begins	<p>3.1 Obtain and review task-specific information including design and production documents to ensure that product quality and production schedules and targets are met and that materials used conform to building products</p> <p>3.2 Access building materials from storage, check the suitability for the task, quantity, relevant product certification and quality and assemble as required to meet design specifications, standards, codes, certification and production schedule</p> <p>3.3 Ensure partition walls, floor elements and other regulated components are certified for thermal, acoustic and fire properties according to the design, local codes and standards</p> <p>3.4 Report any incorrect information and unsuitable and non-conforming building materials to appropriate personnel for repairing the defect, resolving its cause and preventing recurrence</p> <p>3.5 Access sub-assemblies from storage and check incoming variations in work processes or in design and equipment specifications</p> <p>3.6 Address or report incoming variations to the appropriate personnel</p> <p>3.7 Follow workplace procedures to ensure that the work is of the required standard and completed on time</p>
4. Check the quality of completed sub-assembly product and process	<p>4.1 Complete and check the quality of the assembly work to ensure it meets design specifications</p> <p>4.2 Identify and rectify safety risks associated with manual handling of completed sub-assembly or prefabricated timber building system before its release to the next workstation or its delivery for on-site installation</p>

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	4.3 Document and report time, product variations and work processes to identify non-value-added activities, delays and inefficiencies and initiate process improvement
5. Assess waste materials for reuse or disposal	5.1 Sort and store waste materials from assembly work according to health and safety procedures 5.2 Prepare waste materials for reuse or disposal according to workplace 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	<ul style="list-style-type: none"> Read a range of workplace documentation, including workplace health and safety plans, materials certification, design and production documents
Numeracy	<ul style="list-style-type: none"> Calculate quantity, length, volume, area and waste associated with the assembly of prefabricated timber building systems
Navigate the world of work	<ul style="list-style-type: none"> Take responsibility for decisions made to meet specifications and workplace requirements
Interact with others	<ul style="list-style-type: none"> Understand what to communicate, with whom and how in routine work situations
Get the work done	<ul style="list-style-type: none"> Take responsibility for planning and organising own workload

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
FWPTMM3208 Apply critical workplace	Not applicable	New unit	No equivalent unit

processes in the manufacture of prefabricated timber building systems			
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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>