



Australian Government

FWPCOT2230 Assemble products

Release: 2

FWPCOT2230 Assemble products

Modification History

Release	Comments
Release 2	This version released with FWP Forest and Wood Products Training Package Version 4.0.
Release 1	This version replaces equivalent unit FPICOT2230B Assemble products, which was first released with FPI11 Forest and Forest Products Training Package Version 2.2.

Application

This unit of competency describes the skills and knowledge required to prepare and assemble construction-ready timber products. Work also involves stacking, strapping and despatching assembled timber products in readiness for transport to a construction site.

The unit applies to individuals who assemble products for despatch in a timber product manufacturing facility. Operators generally work under broad or limited direction to complete routine activities related to their own work, and take responsibility for their work.

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 licensing, legislative, regulatory or certification requirements apply to this unit at the time of publication.

Pre-requisite Unit

Nil

Unit Sector

Timber Manufactured Products

Wood Panel and Board Production

Sawmilling and Processing

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. Prepare for assembly work	1.1 Review construction plans, work order, workplace health and safety requirements, environmental protection practices and emergency procedures for assembly operation and, where required, clarify with appropriate personnel 1.2 Identify and report hazards and use personal protective equipment according to workplace requirements and health and safety legislation to maintain safe work practices 1.3 Identify and obtain the type and quantity of material to be assembled and hardware 1.4 Select appropriate tools and equipment and check for operational effectiveness according to manufacturer recommendations 1.5 Identify and prepare set-up jigs required for assembly
2. Set up timber components	2.1 Select timber components from the pre-cut material according to cutting list 2.2 Reject material with defects and dispose of according to environmental protection practices 2.3 Use equipment according to workplace health and safety procedures and manufacturer instructions 2.4 Position and clamp timber components in jigs ready for joining, and check for allowable faults, joints and grain according to construction standards and grading rules 2.5 Staple timber components to maintain temporary alignment during assembly
3. Install assembly hardware	3.1 Position and install hardware on joints according to construction plans 3.2 Nail or staple temporary bracing to the product according to construction standards 3.3 Correct assembly faults 3.4 Identify routine processing and equipment faults and resolve or report to appropriate personnel
4. Prepare timber products for despatch and report	4.1 Check finished timber product for quality and label according to work order 4.2 Remove timber product from jigs and safely stack in a designated location 4.3 Strap, pack and label finished timber products ready for transportation

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	4.4 Avoid wastage of strapping and packaging materials and maximise use of recycled materials 4.5 Complete quality records and report for production outcomes, equipment faults and maintenance requirements 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
Writing	Produce basic clear labels for product identification and transportation
Numeracy	- Count quantities of materials and hardware components and select appropriate sizes - Complete routine calculations for component layouts - Accurately measure lengths and angles
Navigate the world of work	Understand main tasks, responsibilities and boundaries of own role
Interact with others	Use modes of communication suitable for the purpose to confirm and clarify understanding
Get the work done	Recognise and respond to routine problems

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
FWPCOT2230 Assemble products Release 2	FWPCOT2230 Assemble products Release 1	Updated workplace health and safety requirements in performance criteria; clarified the intent of	Equivalent unit

		unit and assessment requirements; updated foundation skills; updated frequency and volume of the performance evidence.	
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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>