



**Australian Government**

# **FWPCOT3230 Operate automated stacking equipment**

**Release: 2**

# FWPCOT3230 Operate automated stacking equipment

## Modification History

| Release   | Comments                                                                                                                                                                                                                                                               |
|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Release 2 | This version released with FWP Forest and Wood Products Training Package Version 4.0.                                                                                                                                                                                  |
| Release 1 | <p>This version replaces equivalent unit FPICOT3230B Operate automated stacking equipment, which was first released with FPI11 Forest and Forest Products Training Package Version 2.2.</p> <p>This is the first release of this unit in the new standards format.</p> |

## Application

This unit of competency describes the skills and knowledge required to use automatic or semi-automatic equipment to stack, monitor, strap and record packs of timber or timber products in preparation for despatch.

The unit applies individuals who operate automatic timber stacking equipment in a timber 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

Sawmilling and Processing  
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 for stacking packs of timber or timber products  | <p>1.1 Review work order, workplace health and safety requirements, environmental protection practices and emergency procedures for timber stacking operation and, where required, check with appropriate personnel</p> <p>1.2 Identify and report hazards and use personal protective equipment according to workplace requirements and health and safety legislative requirements to maintain safe work practices</p> <p>1.3 Obtain the type and quantity of timber products to be stacked from a storage location</p>                                                                                                                                                                                                                                                                                             |
| 2. Stack, wrap and strap packs of timber or timber products | <p>2.1 Set up stacking machine to produce specified timber pack sizes according to work order</p> <p>2.2 Build timber packs using products of a consistent type, size and thickness</p> <p>2.3 Check bearers and protective strips for consistent thickness and damage</p> <p>2.4 Place specified bearers, spacing sticks and protective strips squarely, evenly and consistently</p> <p>2.5 Monitor stacked timber or timber products for grade and quality, and reprocess or dispose of unacceptable components</p> <p>2.6 Stack timber packs to a correct material count or dimension, and check the safety of stacking</p> <p>2.7 Strap, wrap and label timber packs according to workplace procedures</p> <p>2.8 Avoid wastage of strapping and packaging materials, and maximise use of recycled materials</p> |
| 3. Complete operator maintenance                            | <p>3.1 Lock out stacking equipment according to workplace health and safety procedures</p> <p>3.2 Check, maintain and clean automatic stacking machine mechanism</p> <p>3.3 Keep machine area clear of dust and debris according to workplace health and safety procedures</p> <p>3.4 Record and report production outcomes and equipment faults to appropriate personnel</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                                                                                                                                                      |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Numeracy                   | <ul style="list-style-type: none"><li>Identify quantities of required material within work orders, and count numbers to be stacked, wrapped and packed</li></ul> |
| Navigate the world of work | <ul style="list-style-type: none"><li>Understand main tasks, responsibilities and boundaries of own role</li></ul>                                               |
| Interact with others       | <ul style="list-style-type: none"><li>Use modes of communication suitable for the the purpose to confirm and clarify understanding</li></ul>                     |
| Get the work done          | <ul style="list-style-type: none"><li>Recognise and respond to routine problems</li></ul>                                                                        |

## Unit Mapping Information

| Code and title current version                                  | Code and title previous version                                 | Comments                                                                                                                          | Equivalence status |
|-----------------------------------------------------------------|-----------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|--------------------|
| FWPCOT3230<br>Operate automated stacking equipment<br>Release 2 | FWPCOT3230<br>Operate automated stacking equipment<br>Release 1 | Updated workplace health and safety requirements and foundation skills; clarified the intent of unit and assessment requirements. | 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>

# Assessment Requirements for FWPCOT3230 Operate automated stacking equipment

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## Performance Evidence

An individual demonstrating competency in this unit must satisfy all of the elements and performance criteria of this unit.

There must be evidence that, on at least one occasion, the individual has:

- stacked and built timber or timber products packs using an automatic stacking machine according to a work order prescribing different types, dimensions and numbers of materials to be packed
- applied protective strips to timber packs
- applied wrapping to timber packs to prevent water penetration during storage and transportation
- strapped timber packs
- labelled timber packs ready for storage or transportation
- completed operator maintenance on the automatic stacking machine.

## Knowledge Evidence

An individual must be able to demonstrate the knowledge required to perform the tasks outlined in the elements and performance criteria of this unit. This includes knowledge of:

- health and safety hazards or risks related to operating automatic or semi-automatic equipment for stacking packs of timber or timber products as identified through risk assessments, manufacturer technical information, regulations and industry health and safety guides
- workplace procedures specific to operating automatic or semi-automatic timber stacking machines:

- health and safety, with particular emphasis on equipment lockout and the use of personal protective equipment (PPE)
- use of automatic or semi-automatic timber stacking equipment
- communication reporting lines
- recording and reporting production outcomes and equipment faults
- labelling products for identification
- environmental protection practices for stacking and binding timber or timber products:
  - reducing water and energy use
  - cleaning plant, tools and equipment
  - disposing of, recycling and reusing timber and other waste
- range of industry standard lengths, cross-sections, appearance grades, markings for timber and timber products and applicable terminology
- purpose, features and operation of automatic or semi-automatic stacking machines
- typical workflow processes used to build, wrap and strap timber packs automatically
- requirements for quality and dimensions of bearers.

## Assessment Conditions

Assessment of skills must take place under the following conditions:

- physical conditions:
  - a workplace or a productive environment that accurately reflects performance in a workplace
- resources, equipment and materials:
  - automatic or semi-automatic stacking machines
  - PPE suitable for operating automatic stacking machines
  - commercial quantities of timber, including timber products to be packed, stacked, wrapped and strapped
  - consumable strapping, packaging and labelling materials
- specifications:
  - work order with specific instructions for automatically stacking material
  - workplace procedures for operating automatic stacking machines, including health and safety and emergency procedures and environmental protection procedures
  - template documents for recording production outcomes and equipment faults.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

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