

## Modification history

Release	Comments
Release 2	This version released with FWP Forest and Wood Products Training Package Version [4.0]  Version created to update workplace health and safety requirements in performance criteria and clarify intent of unit and assessment requirements.
Release 1	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.  This is the first release of this unit in the new standards format.

UNIT CODE	FWPCOT3230 Operate automated stacking equipment
<b>Application</b>	<p>This unit of competency describes the skills and knowledge required to use automatic or semi-automatic <del>stacking</del> equipment to <del>buildstack</del>, monitor, strap and record packs of timber or timber products in preparation for despatch.</p> <p>The unit applies individuals who operate automatic timber stacking equipment in a <del>forest products timber manufacturing facility setting</del>. <u>Operators generally work under broad or limited direction to complete routine activities related to own work and take responsibility for their work.</u></p> <p><u>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.</u></p> <p>No licensing, legislative, regulatory, or certification requirements apply to this unit at the time of publication.</p>
<b>Prerequisite Unit</b>	Nil
<b>Unit Sector</b>	Sawmilling and Processing Timber Manufactured Products

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 <del>packs of timber or timber products</del>	<p>1.1 Review work order and where required check with appropriate personnel</p> <p><u>1.2 Follow workplace health and safety requirements, environmental protection practices and emergency procedures and use personal protective equipment (PPE) in line with operational requirements throughout timber staking operation</u></p> <p><u>1.3 Identify and report hazards, accidents, incidents and/or near misses in line with operational requirements and health and safety legislative requirements to maintain safe work practices.</u></p> <p><del>1.2 Select appropriate personal protective and other equipment and check for operational effectiveness</del></p> <p>1.3 Obtain type and quantity of timber products to be stacked from storage location</p> <p><del>1.4 Plan stacking process in line with work order</del></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>
2. Stack, wrap and strap packs <u>of timber or timber products</u>	2.1 Set up stacking machine to produce specified <u>timber</u> pack sizes in line with work order 2.2 Build <u>timber</u> packs using <del>materials</del> <u>products</u> of consistent type, size and thickness 2.3 Check bearers and protective strips for consistent thickness and damage 2.4 Place specified bearers, spacing sticks and protective strips squarely, evenly and consistently 2.5 Monitor stacked <del>material</del> <u>timber or timber products</u> for grade and quality <del>and</del> ; reprocess or dispose of unacceptable components 2.6 Stack <u>timber</u> packs to <u>a</u> correct material count or dimension and check safety of stacking 2.7 Strap, wrap and label <u>timber</u> packs in line with organisational procedures 2.8 Avoid wastage of strapping and packaging materials and maximise use of recycled materials
3. Complete operator maintenance-	3.1 <del>Lock out staking equipment</del> <u>Follow organisational in line with workplace health and</u> safety procedures <del>to lock out equipment</del> 3.2 Check, maintain and clean automatic stacking machine mechanism- 3.3 Keep machine area clear of dust and debris in line with <del>organisational</del> <u>workplace health and</u> safety procedures 3.4 Record and report production outcomes and equipment faults to appropriate personnel

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<b>Foundation Skills</b>	
<i>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.</i>	
<b>Skill</b>	<b>Description</b>
Numeracy	<ul style="list-style-type: none"> <li>identify quantities of required material within work orders and count numbers of materials to be stacked, wrapped and packed</li> </ul>
Oral communication	<ul style="list-style-type: none"> <li>ask questions and actively listen to clarify contents of work orders</li> </ul>
Reading	<ul style="list-style-type: none"> <li>interpret:                             <ul style="list-style-type: none"> <li>workplace health and safety and other organisational procedures</li> <li>work orders</li> </ul> </li> </ul>
Writing	<ul style="list-style-type: none"> <li>complete accurate basic records for production outcomes and equipment faults</li> </ul>
Plan and organise	<ul style="list-style-type: none"> <li>efficiently and logically sequence the stages of preparation and production using work order to guide activities</li> </ul>

<b>Unit Mapping Information</b>			
<b>Code and title current version</b>	<b>Code and title previous version</b>	<b>Comments</b>	<b>Equivalence status</b>
FWPCOT3230 Operate automated stacking equipment	FWPCOT3230 Operate automated stacking equipment	Updated workplace health and safety requirements in performance criteria and clarified intent of unit and assessment requirements	Equivalent unit

<b>Links</b>	Companion Volumes, including Implementation Guides, are available at VETNet: <a href="https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=0d96fe23-5747-4c01-9d6f-3509ff8d3d47">https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=0d96fe23-5747-4c01-9d6f-3509ff8d3d47</a>
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<b>TITLE</b>	<b>Assessment requirements for FWPOT3230 Operate automated stacking equipment</b>
<b>Performance Evidence</b>	
<p>An individual demonstrating competency must satisfy all of the elements, performance criteria and foundation skills of this unit. There must be evidence that, on at least one occasion, the individual has:</p> <ul style="list-style-type: none"> <li>• stacked and built <u>timber or timber products</u> packs using an automatic stacking machine, in line with an <del>individual</del> work orders prescribing different types, dimensions and numbers of materials to be packed <del>across the above jobs:</del></li> <li>• applied protective strips to <u>timber</u> packs</li> <li>• applied wrapping to <u>timber</u> packs to prevent water penetration during storage and transportation</li> <li>• strapped <u>timber</u> packs</li> <li>• labelled <u>timber</u> packs ready for storage or transportation.</li> <li>• <del>after each of the above jobs,</del> completed operator maintenance on the automatic stacking machine.</li> </ul>	
<b>Knowledge Evidence</b>	
<p>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:</p> <ul style="list-style-type: none"> <li>• <u>health and operational 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</u></li> <li>• organisational procedures specific to operating automatic stacking machines: <ul style="list-style-type: none"> <li>• workplace health and safety with particular emphasis on equipment lock out and use of personal protective equipment</li> <li>• <u>use of equipment</u></li> <li>• communication reporting lines</li> <li>• recording and reporting production outcomes and equipment faults</li> <li>• labelling products for identification</li> </ul> </li> <li>• environmental protection practices for stacking and binding <del>material</del> <u>timber or timber products</u>: <ul style="list-style-type: none"> <li>• reducing water and energy use</li> <li>• cleaning plant, tools and equipment</li> <li>• disposing of, recycling and reusing timber and other waste</li> </ul> </li> <li>• range of industry standard lengths, cross sections, appearance grades, markings <u>for timber and timber products</u> and applicable terminology</li> <li>• purpose, features and operation of automatic or semi-automatic stacking machines</li> <li>• typical work flow processes used to automatically build, wrap and strap <u>timber</u> packs</li> <li>• requirements for quality and dimensions of bearers.</li> </ul>	
<b>Assessment Conditions</b>	
<p>Assessment of skills must take place under the following conditions:</p> <ul style="list-style-type: none"> <li>• physical conditions: <ul style="list-style-type: none"> <li>• skills must be demonstrated in an environment that accurately represents workplace conditions</li> </ul> </li> <li>• resources, equipment and materials: <ul style="list-style-type: none"> <li>• automatic or semi-automatic stacking machines</li> <li>• personal protective equipment suitable for operating automatic stacking machines</li> <li>• commercial quantities <u>of timber including timber products materials</u> to be <u>packed</u>, stacked, wrapped and strapped</li> <li>• <del>materials from which to build packs</del></li> <li>• consumable strapping, packaging and labelling materials</li> </ul> </li> <li>• specifications: <ul style="list-style-type: none"> <li>• work order with specific instructions for automatically stacking material</li> <li>• <u>workplace health and safety and emergency procedures</u></li> <li>• <u>environmental protection procedures</u></li> <li>• organisational procedures for operating automatic stacking machines</li> <li>• template documents for recording production outcomes and equipment faults.</li> </ul> </li> </ul>	

<b>Assessment Conditions</b>
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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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