

Modification history

Release	Comments
Release 1	This version released with FWP Forest and Wood Products Training Package Version 6.0

FWPCOT2XXX	Stack and bind material
Application	This unit of competency describes the skills and knowledge required to stack material, manually build packs and apply strapping and wrapping in a wood products factory setting. The unit applies to sawmill workers, production workers, or manufacturing assistants. This unit is suitable for those with the knowledge and skills to undertake specified activities under the direction of more experienced workers. No licensing, legislative or certification requirements apply to this unit at the time of publication.
Prerequisite Unit	Nil
Unit Sector	Common technical (COT)

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. Identify material	1.1 Read and interpret work order to identify on-site timber stack plan and where required confirm with appropriate person 1.2 Identify and follow workplace safety and traffic management requirements 1.3 Conduct a risk assessment and apply control measures to ensure safety to self and others and avoid loss of materials 1.4 Inspect and check the type, quantity and quality of material to be packed for grading and labelling 1.5 Identify limitations in building packs in line with workplace requirements 1.6 Select, fit and use appropriate personal protective equipment (PPE) 1.7 Select and use appropriate methods of communication to ensure onsite safety and product quality
2. Build packs manually	2.1 Check labelled material tallies against delivery or job description requirements 2.2 Select appropriate bearers to create sufficient space for mechanical lifting equipment 2.3 Build stacks and restrain timber in line with workplace safety procedures 2.4 Place specified spacing sticks and protective strips squarely, evenly and consistently throughout the stacks 2.5 Manage maximum height, width and length of stacks in line with workplace safety requirements 2.4 Dispose of faulty material and bearers in line with workplace and environmental requirements 2.6 Label finished packs in line with workplace procedures
3. Strap and wrap packs	3.1 Strap and wrap finished packs in line with workplace requirements 3.2 Avoid wastage of strapping and packaging materials and maximise use of recycled materials 3.3 Tighten straps to prevent component slippage and avoid damage to materials and strap breakage 3.4 Dispose of excess packing material in line with workplace and environmental requirements 3.5 Record and report production problems, outcomes and equipment faults to appropriate person

Foundation Skills	
<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>	
Skill	Description
Writing	<ul style="list-style-type: none"> Record routine work information into a record document/form
Oral communication	<ul style="list-style-type: none"> Ask open and closed probe questions and actively listen to clarify contents of work orders

Unit Mapping Information			
Code and title current version	Code and title previous version	Comments	Equivalence status
FWPCOT2XXX Stack and bind material	FWPCOT2201 Stack and bind material	Application clarified Performance Criteria sequenced and strengthened Foundation Skills and Assessment Requirements updated	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
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TITLE	Assessment requirements for FWPCOT2XXX Stack and bind material
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Performance Evidence

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

There must be evidence that the individual has stacked and bound three different product packages and has:

- built packs manually following workplace requirements for dimension, component numbers, end and vertical alignment and bearer quality
- built packs allowing adequate space for mechanical lifting and transporting
- identified standard size materials using visual assessment or measurement processes
- applied protective strips to packs
- applied wrapping to packs to prevent water penetration during storage and transportation
- strapped packs
- labelled packs ready for storage or transportation.

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:

- organisational policies and procedures relevant to stacking and binding material:
- methods of visual estimation, grading, colour identification and tagging of materials:
 - sawn or dressed finished timber
 - differing timber species
 - preservative treated timber, including water borne preservatives and light organic solvent preservatives (LOSP)
 - panel products, laminated veneer, chipboard, fibreboard, medium density fibreboard and boards made from material other than wood.
 - panels with various treatments, coatings and hardware items
- range of industry standard lengths, cross sections, appearance grades and applicable terminology
- operational and functional features of tools, equipment and plant:
 - plant used for mechanically lifting and transporting packs
 - equipment and tools used for binding materials
- workplace safety:
 - erecting signs and exclusion zones
 - safe work method statements (SWMS)
 - exposure to excessive noise
 - exposure to dust
 - hazardous manual handling
 - plant and equipment
- processes and techniques of:
 - building, wrapping and strapping timber packs
 - communicating and reporting
 - recording and reporting production outcomes and equipment faults
 - labelling products for identification
 - selecting correct bearer dimension
- workplace and environmental requirements for disposing waste.

Assessment Conditions

Assessment of the skills in this unit of competency must take place under the following conditions:

- physical conditions:
 - skills must be demonstrated in the workplace or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - products and equipment to stack, bind and protect contents
- specifications:
 - organisational policies and procedures

Assessment Conditions	
<ul style="list-style-type: none">workplace safety and environmental documentation <p>Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.</p>	
Links	Companion Volumes, including Implementation Guides, are available at VETNet: https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=0d96fe23-5747-4c01-9d6f-3509ff8d3d47