

**Modification History**

Release	Comments
Release 1	This version released with FWP Forest and Wood Products Training Package Version 8.0.

FWP4XX22	Certificate IV in Timber and Wood Products Operations										
<p><b>Qualification Description</b></p> <p>This qualification reflects the skills and knowledge of people who work as production supervisors and technicians in a timber or wood products production facilities.</p> <p>Individuals with this qualification apply a broad range of advanced technical and supervisory skills. These include knowledge of timber or wood products production processes and the skills required to manage technical operations, address production issues, maintain individual and team performance, maintain equipment for stable and continuous operations, monitor health, safety, quality and environmental requirements in timber or wood products production facilities.</p> <p>At this level, individuals are expected to work autonomously, exercise judgement in making workplace decisions, take responsibility for their own outputs at the workplace and supervise the work of others.</p> <p>No licensing, legislative or certification requirements apply to this qualification at the time of publication.</p>											
<p><b>Entry Requirements</b></p> <p>There are no entry requirements for this qualification.</p>											
<p><b>Packaging Rules</b></p> <p>To achieve this qualification, competency must be demonstrated in:</p> <ul style="list-style-type: none"> <li>12 units of competency consisting of 12 elective units.</li> </ul> <p>Elective units must ensure the integrity of the alignment between the qualification and the Australian Qualification Framework (AQF) and contribute to a valid, industry supported vocational outcome. The electives are to be chosen as follows:</p> <ul style="list-style-type: none"> <li>at least 1 unit from the electives in Group A</li> <li>at least 3 units from the electives in Group B</li> <li>at least 3 units from the electives in Group C</li> <li>up to 2 units from the electives in Group E</li> <li>remaining units can be selected from Groups A to F and can include up to 2 units from any currently endorsed Training Package or accredited course.</li> </ul>											
<p><b>Elective Units</b></p> <p>An asterisk (*) next to the unit code indicates that there are prerequisite requirements which must be met when packaging the qualification. Please refer to the Prerequisite requirements table for details.</p>											
<p><b>Group A: Safety</b></p> <table border="1"> <tbody> <tr> <td>BSBWHS515</td> <td>Lead initial response to and investigate WHS incidents</td> </tr> <tr> <td>FWPCOR4201</td> <td>Monitor safety, health and environment policies and procedures</td> </tr> <tr> <td>HLTAID016</td> <td>Manage first aid services and resources</td> </tr> <tr> <td>TLIF0014</td> <td>Monitor the safety of transport activities (Chain of Responsibility)</td> </tr> </tbody> </table>		BSBWHS515	Lead initial response to and investigate WHS incidents	FWPCOR4201	Monitor safety, health and environment policies and procedures	HLTAID016	Manage first aid services and resources	TLIF0014	Monitor the safety of transport activities (Chain of Responsibility)		
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<p><b>Group B: Quality systems</b></p> <p><b>Competitive systems and practices</b></p> <table border="1"> <tbody> <tr> <td>BSBSTR402</td> <td>Implement continuous improvement</td> </tr> <tr> <td>FWPCOR4203</td> <td>Monitor quality and product care procedures</td> </tr> <tr> <td>MSMSUP390</td> <td>Use structured problem-solving tools</td> </tr> <tr> <td>MSS402040</td> <td>Apply 5S procedures</td> </tr> <tr> <td>MSS403001</td> <td>Review competitive systems and practices</td> </tr> </tbody> </table>		BSBSTR402	Implement continuous improvement	FWPCOR4203	Monitor quality and product care procedures	MSMSUP390	Use structured problem-solving tools	MSS402040	Apply 5S procedures	MSS403001	Review competitive systems and practices
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FWPCOR4203	Monitor quality and product care procedures										
MSMSUP390	Use structured problem-solving tools										
MSS402040	Apply 5S procedures										
MSS403001	Review competitive systems and practices										

MSS403010	Facilitate change in an organisation implementing competitive systems and practices
<b>Chain of Custody</b>	
FWPCOT4XXX	Assess requirements of chain of custody certification scheme for forest and wood products
FWPCOT4XXX	Conduct internal audit of chain of custody certification for forest and wood products
<b>Plant and equipment maintenance</b>	
AHCMOM402	Supervise maintenance of property, machinery and equipment
FWPCOT3282	Assess and maintain saw blade and sawing machine performance
FWPCOT3295	Assess and maintain cutter performance
FWPCOT4XXX	Apply principles of pneumatics and hydraulics to analyse potential equipment failures
<b>Grading and testing</b>	
FWPTMM4XXX	Test laminated wood product
FWPTMM4XXX	Test finger jointed timber
MSL973022	Conduct laboratory-based acceptance tests for construction materials
<b>Group C: Operations management</b>	
<b>Timber production optimisation</b>	
FWPSAW4206	Monitor output timber for optimum volume and value recovery
FWPSAW4207	Optimise timber production for volume and value recovery
<b>Production supervision</b>	
FWPCOT4XXX	Plan for and supervise log yard operations
FWPSAW4XXX	Plan for and supervise log processing operations
FWPSAW4XXX	Plan for and supervise dry mill operations
FWPSAW4XXX	Plan for and supervise wood-based product operations
FWPSAW4XXX	Plan for and supervise timber treatment plant operations
FWPSAW4XXX	Plan for and coordinate timber drying operations
FWPCOT4XXX	Plan for and coordinate timber product assembly
<b>Operational planning</b>	
AHCWRK513	Write and present reports
BSBOPS403	Apply business risk management processes
BSBOPS402	Coordinate business operational plans
BSBPMG427	Apply project procurement procedures
FWPCOT4211	Monitor stock control procedures
FWPCOT3XXX	Identify glues and gluing systems used in production of wood products
FWPTMM4212	Calculate production costs
MEM30021A	Prepare a simple production schedule
TLIR4002	Source goods/services and evaluate contractors
<b>Waste Management</b>	
CPPWMT4003	Implement waste management plans
CPPWMT4010	Assess and advise on waste avoidance options
<b>Group D: Prefabricated timber building systems</b>	
FWPTMM5209	Determine prefabricated timber building systems designs for compliance, manufacture and installation
FWPTMM5210	Verify compliance and conformance of prefabricated timber building systems during manufacture
<b>Group E: Leadership and personal effectiveness</b>	
BSBHRM413	Support the learning and development of teams and individuals
BSBLDR413	Lead effective workplace relationships

BSBLDR414	Lead team effectiveness
BSBPEF301	Organise personal work priorities
<b>Group F: Training and assessment</b>	
TAEASS401	Plan assessment activities and processes
TAEASS402	Assess competence
TAEASS403	Participate in assessment validation
TAEDEL301	Provide work skill instruction
TAEDEL401	Plan, organise and deliver group-based learning
TAEDEL402	Plan, organise and facilitate learning in the workplace
TAEDES401	Design and develop learning programs
TAEDES402	Use training packages and accredited courses to meet client needs
TAEDEL404	Mentor in the workplace

<b>Qualification Mapping Information</b>			
<b>Code and title current version</b>	<b>Code and title previous version</b>	<b>Comments</b>	<b>Equivalence status</b>
FWP4XX22 Certificate IV in Timber and Wood Products Operations	FWP40216 Certificate IV in Timber Processing	Title changed Revised packaging rules to better reflect outcomes Removed core unit requirements Revised the structure (groups) of the elective units Imported elective units from other training packages Added new units and revised existing units	Not equivalent
<b>Links</b>			
Companion Volumes, including Implementation Guides, are available at VETNet: <a href="https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=0d96fe23-5747-4c01-9d6f-3509ff8d3d47">https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=0d96fe23-5747-4c01-9d6f-3509ff8d3d47</a>			