

**Modification History**

Release	Comments
Release 1	This version released with FWP Forest and Wood Products Training Package Version 5.0

FWP3XXXX	Certificate III in Wood Machining																														
<p><b>Qualification Description</b></p> <p>This qualification reflects the job role of wood machinists who work in a sawmill or other timber processing environment and set up, operate and maintain machines such as large automated planers/moulders and saws to cut, plane and profile timber to specifications. This involves interpreting work orders to establish job requirements, selecting and setting up knives and cutters to machinery, aligning knives, operating machines to cut, plane and profile timber, and cleaning and maintaining machines and equipment.</p> <p>No licensing, legislative or certification requirements apply to this qualification at the time of writing.</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>27 units of competency: <ul style="list-style-type: none"> <li>8 core units plus</li> <li>19 elective units.</li> </ul> </li> </ul> <p>Elective units must ensure the integrity of the qualification's Australian Qualification Framework (AQF) alignment 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>A minimum of 8 units from Group A</li> <li>A minimum of 4 units from Group B</li> <li>All remaining units from Group A, B, C and D</li> <li>Up to 2 units from any currently endorsed Training Package or accredited course.</li> </ul> <p>Elective units must be relevant to work undertaken in the sawmilling and processing sector of the industry.</p>																															
<p><b>Core Units</b></p> <table border="1"> <tbody> <tr> <td>BSBFLM312</td> <td>Contribute to team effectiveness</td> <td><i>No change</i></td> </tr> <tr> <td>FWPCOR2201</td> <td>Work effectively in the forest and forest products industry</td> <td><i>No change</i></td> </tr> <tr> <td>FWPCOR2202</td> <td>Communicate and interact effectively in the workplace</td> <td><i>No change</i></td> </tr> <tr> <td>FWPCOT2219</td> <td>Use hand-held tools</td> <td><i>No change</i></td> </tr> <tr> <td>FWPCOR3201</td> <td>Implement safety, health and environment policies and procedures</td> <td><i>No change</i></td> </tr> <tr> <td>FWPCOR3202</td> <td>Conduct quality and product care procedures</td> <td><i>No change</i></td> </tr> <tr> <td>FWPCOT3204</td> <td>Prepare and interpret sketches and drawings</td> <td><i>No change</i></td> </tr> <tr> <td>FWPCOT3XXX</td> <td>Apply knowledge of timber properties, sawmill operations and sawmilling equipment</td> <td><i>New unit</i></td> </tr> </tbody> </table> <table border="1"> <tbody> <tr> <td><del>FWPCOT3204</del></td> <td><del>Hand sharpen knives and blades</del></td> <td><i>Added to elective bank</i></td> </tr> <tr> <td>FWPSAW3228</td> <td>Apply principles of blade design to sawing procedures</td> <td><i>Added to elective bank</i></td> </tr> </tbody> </table>		BSBFLM312	Contribute to team effectiveness	<i>No change</i>	FWPCOR2201	Work effectively in the forest and forest products industry	<i>No change</i>	FWPCOR2202	Communicate and interact effectively in the workplace	<i>No change</i>	FWPCOT2219	Use hand-held tools	<i>No change</i>	FWPCOR3201	Implement safety, health and environment policies and procedures	<i>No change</i>	FWPCOR3202	Conduct quality and product care procedures	<i>No change</i>	FWPCOT3204	Prepare and interpret sketches and drawings	<i>No change</i>	FWPCOT3XXX	Apply knowledge of timber properties, sawmill operations and sawmilling equipment	<i>New unit</i>	<del>FWPCOT3204</del>	<del>Hand sharpen knives and blades</del>	<i>Added to elective bank</i>	FWPSAW3228	Apply principles of blade design to sawing procedures	<i>Added to elective bank</i>
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<b>Elective Units</b>		
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.		
<b>Group A – Operating timber processing machines</b>		
FWPCOT3XXX	Load and prove operating program for computer numerical controlled (CNC) machine	<i>New unit</i>
FWPSAW3XXX	Set up and run multi-head moulder/planer to produce simple profiles	<i>Replaces FWPCOT3205 Dress boards using multi-headed machines</i>
FWPSAW3XXX	Set up and run multi-head moulder to produce complex profiles	
FWPCOT2XXX	Operate and maintain a thicknesser	<i>Replaces FWPCOT2207 Dress boards and timber</i>
FWPCOT2XXX	Operate and maintain a table saw	<i>Replaces FWPCOT2208 Resaw boards and timber</i>
FWPSAW3XXX	Set up and operate production saws used in saw mill operations	<i>New unit</i>
FWPCOT3XXX	Set up, operate and maintain finger jointing machines	<i>Previously FWPCOT3207 Set up, operate and maintain finger jointing operations</i>
FWPCOT3XXX	Cut timber products using high speed optimiser	<i>Previously FWPCOT3206 Cut material using high speed optimiser</i>
FWPCOT3XXX	Set up, operate and maintain end matching machines	<i>Previously FWPCOT3209 Set up, operate and maintain end matching operations</i>
MSFFM3017	Set up, operate and maintain routing and shaping machines	<i>Added</i>
MSFFM3012	Set up, operate and maintain sawing machines	<i>Added</i>
<b>Group B – Grinding and maintaining cutting tools</b>		
FWPCOT3XXX	Manufacture profile cutters	<i>Previously FWPCOT3213 Manufacture cutting tools</i>
FWPCOT3217	Assess and maintain cutter performance	<i>No change</i>
FWPCOT3XXX	Sharpen cutters using a straight knife grinder	<i>Previously FWPCOT3210 Sharpen cutting tools</i>
FWPCOT3XXX	Sharpen cutters in head using a profile knife grinder	
FWPCOT3XXX	Sharpen cutters in head using a straight knife grinder	
FWPCOT3237	Produce templates	<i>No change</i>
FWPCOT3XXX	Replace saw blades, knives and guides	<i>Previously FWPCOT3212 Replace saw, blades and guides</i>
FWPSAW3218	Replace tungsten tips	<i>No change</i>
FWPSAW3228	Apply principles of blade design to sawing procedures	<i>Added from the core</i>
FWPCOT3XXX	Identify levelling and tensioning requirements for saw blades	<i>New unit</i>
FWPCOT3XXX	Operate CNC equipment for grinding, tensioning and levelling saw blades	<i>New unit</i>
FWPSAW3XXX	Sharpen circular saw blades	<i>Previously FWPSAW3208 Sharpen circular saws</i>
FWPSAW3XXX	Level and tension circular saw blades	<i>Previously FWPSAW3213 Level and tension circular saws</i>
FWPCOT3XXX	Hand sharpen knives and blades for commercial and domestic cutting services	<i>Previously FWPCOT3201 Hand sharpen knives and blades</i>

FWPCOT3XXX	Sharpen and position blades or knives in chipper, canter and reducer	<i>Previously FWPCOT3233 Sharpen and align blades and knives</i>
<b>Group C – Grading and testing timber</b>		
FWPCOT2212	Grade hardwood sawn and milled products	<i>No change</i>
FWPCOT2213	Grade softwood sawn and milled products	<i>No change</i>
FWPCOT2214	Grade cypress sawn and milled products	<i>No change</i>
FWPCOT2215	Visually stress grade hardwood	<i>No change</i>
FWPCOT2216	Visually stress grade softwood	<i>No change</i>
FWPCOT2217	Visually stress grade cypress	<i>No change</i>
FWPCOT3225	Mechanically stress grade timber	<i>Added</i>
FWPCOT3XXX	Calibrate and maintain scanning equipment	<i>New unit</i>
FWPCOT3XXX	Use scanning equipment for timber grading	<i>New unit</i>
FWPCOT3XXX	Apply knowledge of wood technology principles to end use applications	<i>New title for FWPCOT3247 Select timber for forestry operations</i>
<b>Group D – General electives</b>		
FWPCOT2XXX	Tail out timber product and waste material	<i>Previously FWPCOT2205 Tail out materials</i>
FWPCOT3214	Take off material quantities	<i>No change</i>
FWPCOT3239	Create drawings using computer aided design systems	<i>No change</i>
FWPCOT3263	Maintain and contribute to energy efficiency	<i>No change</i>
FWPTMM4204	Sample and test products to specifications	<i>Added</i>
FWPCOT3XXX	Apply principles for timber and process optimisation in sawmill operations	<i>New unit</i>
MSS402040	Apply 5S procedures	<i>Added - imported unit</i>
MSS404052	Apply statistics to operational processes	<i>Added</i>
MSMSUP390	Use structured problem-solving tools	<i>Added - imported unit</i>
FWPCOT3216	<del>Assess and maintain saw performance</del>	<del><i>Unit no longer required</i></del>
FWPCOT3244	<del>Cut material to profile</del>	<del><i>Unit no longer required</i></del>
FWPTMM3202	<del>Manufacture using joinery machines</del>	<del><i>Unit no longer required</i></del>
FWPTMM2202	<del>Machine material</del>	<del><i>Unit no longer required</i></del>
FWPCOT2232	<del>Cut material to shape using a saw shapes</del>	<del><i>Unit no longer required</i></del>
FWPCOT3234	<del>Cut material using CNC sizing machines</del>	<del><i>Unit no longer required</i></del>
FWPCOT3235	<del>Machine material using CNC machining and processing centres</del>	<del><i>Unit no longer required</i></del>
FWPSAW3226	<del>Saw logs using CNC optimising systems</del>	<del><i>Unit no longer required</i></del>
FWPTMM3204	<del>Convert timber</del>	<del><i>Unit no longer required</i></del>
FWPTMM4203	<del>Install and commission CNC software</del>	<del><i>Unit no longer required</i></del>
FWPCOT2224	<del>Band edges of panels</del>	<del><i>Unit no longer required</i></del>
FWPWPP2210	<del>Cut panels to profile</del>	<del><i>Unit no longer required</i></del>
FWPSAW3210	<del>File and set saws</del>	<del><i>Unit no longer required</i></del>
FWPTMM3203	<del>Estimate and cost job</del>	<del><i>Unit no longer required</i></del>
BSBWOR204	<del>Use business technology</del>	<del><i>Unit no longer required</i></del>
<b>Prerequisite requirements</b>		
No prerequisite units		

<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>
FWP3XXXX Certificate III in Wood Machining	FPI30811 Certificate III in Woodmachining	Qualification updated to reflect additional units added to the core, units removed, and additional imported units.	

**Links**  
 Companion Volumes, including Implementation Guides, are available at VETNet:  
<https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=0d96fe23-5747-4c01-9d6f-3509ff8d3d47>

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