

**Victorian Purchasing Guide**  
**for**  
**FWP Forest and Wood Products Training Package**  
**Release 3.0**

**May 2018**



© State of Victoria (Department of Education and Training) 2018

Copyright of this material is reserved to the Crown in the right of the State of Victoria. This work is licensed under a Creative Commons Attribution-NoDerivs 3.0 Australia licence (more information is available [here](#)). You are free use, copy and distribute to anyone in its original form as long as you attribute Skills Victoria, Department of Education and Training (DET) as the author, and you license any derivative work you make available under the same licence.

### **Disclaimer**

In compiling the information contained in and accessed through this resource, the Department of Education and Training has used its best endeavours to ensure that the information is correct and current at the time of publication but takes no responsibility for any error, omission or defect therein.

To the extent permitted by law, DET, its employees, agents and consultants exclude all liability for any loss or damage (including indirect, special or consequential loss or damage) arising from the use of, or reliance on the information contained herein, whether caused or not by any negligent act or omission. If any law prohibits the exclusion of such liability, DET limits its liability to the extent permitted by law, for the resupply of the information.

### **Third party sites**

This resource may contain links to third party websites and resources. DET is not responsible for the condition or content of these sites or resources as they are not under its control.

Third party material linked from this resource is subject to the copyright conditions of the third party. Users will need to consult the copyright notice of the third party sites for conditions of usage.



## Victorian Purchasing Guide - Version History

Training Package Version	Date VPG Released	Comments
FWP Forest and Wood Products Training Package Release 3.0	24 May 2018	<p>No new qualifications. Updated to include revised units and superseded and deleted imported units. Revised qualifications are equivalent.</p> <p>Number of new or revised units, 14 units of competency, consisting of: 2 new units –</p> <ul style="list-style-type: none"> <li>• FWPHAR3222 Use on-board computer systems for forwarder</li> <li>• FWPHAR3223 Use on-board computer systems for single grip harvester</li> </ul> <p>12 revised units: -</p> <p><b>Revised equivalent</b></p> <ul style="list-style-type: none"> <li>• FWPCOT2226 Debark logs mechanically</li> <li>• FWPHAR3210 Conduct mechanical processor</li> </ul> <p><b>Revised not equivalent</b></p> <ul style="list-style-type: none"> <li>• FWPCOT2242 Segregate and sort logs</li> <li>• FWPCOT3270 Grade and mark logs</li> <li>• FWPHAR3224 Operate crawler tractor</li> <li>• FWPHAR3225 Operate excavator with log grapple</li> <li>• FWPHAR3226 Operate feller buncher</li> <li>• FWPHAR3227 Operate forwarder</li> <li>• FWPHAR3228 Operate loader</li> <li>• FWPHAR3229 Operate single grip harvester</li> <li>• FWPHAR3230 Operate skidder</li> <li>• FWPHAR3231 Operate yarder</li> </ul> <p>The 14 FWP units of competency are contained in the following qualifications.</p> <p>FWP20216 Certificate II in Harvesting and Haulage FWP20316 Certificate II in Sawmilling and Processing FWP20416 Certificate II in Wood Panel Products FWP30116 Certificate III in Forest Growing and Management FWP30216 Certificate III in Harvesting and Haulage FWP30216 Certificate III in Harvesting and Haulage</p> <p><b>Number of units deleted:</b></p> <ul style="list-style-type: none"> <li>• 1 deleted - FWPHAR3208 Conduct boom delimeter operations</li> </ul>

# **FWP Forest and Wood Products Training Package Victorian Purchasing Guide**

## **CONTENTS**

---

### **INTRODUCTION**

What is a Victorian Purchasing Guide?

Victorian Government subsidised training

### **QUALIFICATIONS**

### **UNITS OF COMPETENCY**

### **CONTACTS AND LINKS**

### **GLOSSARY**

## INTRODUCTION

### What is a Victorian Purchasing Guide?

The Victorian Purchasing Guide provides information for use by Registered Training Organisations (RTOs) in the provision of Victorian government subsidised training.

Specifically the Victorian Purchasing Guide provides the following information related to the delivery of nationally endorsed Training Packages in Victoria:

- The maximum and minimum payable hours available for each qualification.
- Nominal hours for each unit of competency within the Training Package.

### **Registration**

RTOs must be registered by either the Victorian Registration and Qualifications Authority (VRQA) or the Australian Skills Qualification Authority (ASQA) regulatory body to be eligible to issue qualifications and statements of attainment under the Australian Qualifications Framework (AQF).

The VRQA is the regulatory authority in Victoria responsible for the registration of education and training providers in VET who provide courses to domestic students only and who offer training in Victoria only or Victoria and Western Australia only.

To register to provide training to international students and in other Australian states and territories you will need to apply with ASQA.

## QUALIFICATIONS

Code	Title	Minimum Payable Hours	Maximum Payable Hours
FWP10116	Certificate I in Forest and Forest Products	214	225
FWP20116	Certificate II in Forest Growing and Management	468	493
FWP20216	Certificate II in Harvesting and Haulage	649	683
FWP20316	Certificate II in Sawmilling and Processing	437	460
FWP20416	Certificate II in Wood Panel Products	404	425
FWP20516	Certificate II in Timber Manufactured Products	380	400
FWP20616	Certificate II in Timber Merchandising	418	440
FWP20716	Certificate II in Timber Truss and Frame Design and Manufacture	451	475
FWP30116	Certificate III in Forest Growing and Management	1000	1053
FWP30216	Certificate III in Harvesting and Haulage	1171	1233
FWP30316	Certificate III in Sawmilling and Processing	689	725
FWP30416	Certificate III in Wood Panel Products	537	565
FWP30516	Certificate III in Timber Manufactured Products	513	540
FWP30616	Certificate III in Timber Merchandising	475	500
FWP30716	Certificate III in Sawdoctoring	931	980
FWP30816	Certificate III in Woodmachining	865	910
FWP30916	Certificate III in Timber Truss and Frame Design and Manufacture	622	655
FWP40116	Certificate IV in Forest Operations	1007	1060
FWP40216	Certificate IV in Timber Processing	732	770
FWP40316	Certificate IV in Timber Truss and Frame Manufacture	998	1051
FWP40416	Certificate IV in Timber Truss and Frame Design	1060	1116
FWP50116	Diploma of Forest and Forest Products	1359	1430

<b>Code</b>	<b>Title</b>	<b>Minimum Payable Hours</b>	<b>Maximum Payable Hours</b>
FWP50216	Diploma of Timber Truss and Frame Manufacture	1550	1632
FWP50316	Diploma of Timber Truss and Frame Design	1324	1394
FWP60116	Advanced Diploma of Forest Industry Sustainability	1007	1060

## UNITS OF COMPETENCY

Unit Code	Unit Title	Nominal Hours
FWPCOR2201	Work effectively in the forest and forest products industry	35
FWPCOR2202	Communicate and interact effectively in the workplace	40
FWPCOR2203	Follow environmental care procedures	30
FWPCOR2204	Follow fire prevention procedures	20
FWPCOR2205	Follow WHS policies and procedure	30
FWPCOR2207	Maintain quality and product care	20
FWPCOR3201	Implement safety, health and environment policies and procedures	80
FWPCOR3202	Conduct quality and product care procedures	20
FWPCOR3203	Evaluate fire potential and prevention	40
FWPCOR3204	Visually assess materials	20
FWPCOR4201	Monitor safety, health and environment policies and procedures	80
FWPCOR4202	Monitor and review forestry operations	80
FWPCOR4203	Monitor quality and product care procedures	80
FWPCOR6201	Manage sustainability in the workplace	120
FWPCOR6202	Implement practices to maximise value from wood residues	80
FWPCOT2201	Stack and bind material	15
FWPCOT2202	Rack material	15
FWPCOT2203	Finish and pack products	30
FWPCOT2205	Tail out materials	15
FWPCOT2207	Dress boards and timber	50
FWPCOT2208	Resaw boards and timber	20
FWPCOT2209	Produce finger jointed timber	20
FWPCOT2210	Tally material	10
FWPCOT2211	Produce pointed timber products	20
FWPCOT2212	Grade hardwood sawn and milled products	20
FWPCOT2213	Grade softwood sawn and milled products	20
FWPCOT2214	Grade cypress sawn and milled products	20
FWPCOT2215	Visually stress grade hardwood	20
FWPCOT2216	Visually stress grade softwood	20
FWPCOT2217	Visually stress grade cypress	20
FWPCOT2218	Cross cut materials with a fixed saw	25
FWPCOT2219	Use hand-held tools	20
FWPCOT2220	Select trees for tending operations	20
FWPCOT2222	Produce laminated beams	40
FWPCOT2224	Band edges of panels	10



Unit Code	Unit Title	Nominal Hours
FWPCOT2225	Chip or flake wood	40
FWPCOT2226	Debark logs mechanically	20
FWPCOT2227	Process orders and despatch products	30
FWPCOT2228	Store materials	20
FWPCOT2229	Dock material to length	25
FWPCOT2230	Assemble products	40
FWPCOT2231	Pack products	30
FWPCOT2232	Cut material to shape using a saw	20
FWPCOT2233	Navigate in forest areas	40
FWPCOT2235	Assess timber for manufacturing potential	20
FWPCOT2236	Fall trees manually (basic)	80
FWPCOT2237	Maintain chainsaws	20
FWPCOT2238	Cut materials with a hand-held chainsaw	40
FWPCOT2239	Trim and cut felled trees	40
FWPCOT2240	Cut material with a pole saw	20
FWPCOT2241	Apply wood and timber product knowledge	20
FWPCOT2242	Segregate and sort logs	30
FWPCOT3201	Hand sharpen knives and blades	20
FWPCOT3202	Navigate in remote or trackless areas	80
FWPCOT3203	Weigh loads	20
FWPCOT3204	Prepare and interpret sketches and drawings	30
FWPCOT3205	Dress boards using multi-headed machines	40
FWPCOT3206	Cut material using high speed optimiser	35
FWPCOT3207	Set up, operate and maintain finger jointing operations	40
FWPCOT3208	Test strength of joints	25
FWPCOT3209	Set up, operate and maintain end matching operations	30
FWPCOT3210	Sharpen cutting tools	20
FWPCOT3211	Maintain sawdoctoring tools	30
FWPCOT3212	Replace saws, blades and guides	40
FWPCOT3213	Manufacture cutting tools	40
FWPCOT3214	Take off material quantities	30
FWPCOT3215	Swage and shape saw blades	40
FWPCOT3216	Assess and maintain saw performance	40
FWPCOT3217	Assess and maintain cutter performance	40
FWPCOT3218	Quote and interpret from manufactured timber product plans	50
FWPCOT3219	Produce standard truss or frame plans and details using computers	50

Unit Code	Unit Title	Nominal Hours
FWPCOT3220	Quote and interpret from computerised timber manufactured product plans	50
FWPCOT3221	Rehabilitate tracks, quarries and landings	80
FWPCOT3222	Present forestry information and interpretations programs	80
FWPCOT3224	Plan and monitor equipment maintenance	40
FWPCOT3225	Mechanically stress grade timber	30
FWPCOT3227	Receive and measure logs	35
FWPCOT3228	Plane/sand panels	15
FWPCOT3229	Mechanically stress grade panels	30
FWPCOT3230	Operate automated stacking equipment	20
FWPCOT3231	Operate steam boiler	70
FWPCOT3232	Operate heat plant	60
FWPCOT3233	Sharpen and align blades and knives	30
FWPCOT3234	Cut material using CNC sizing machines	30
FWPCOT3235	Machine material using CNC machining and processing centres	30
FWPCOT3236	Coordinate stock control procedures	40
FWPCOT3237	Produce templates	30
FWPCOT3238	Operate a pole saw	40
FWPCOT3239	Create drawings using computer aided design systems	30
FWPCOT3240	Grade heavy structural/engineered products	20
FWPCOT3241	Assemble timber wall frames	40
FWPCOT3242	Lay up timber roof trusses	40
FWPCOT3243	Operate a truss press	20
FWPCOT3244	Cut material to profile	20
FWPCOT3245	Grade, sort and mark material	30
FWPCOT3246	Test heavy structural/engineered products	40
FWPCOT3247	Select timber for forestry operations	35
FWPCOT3248	Dry timber in solar assisted kilns	40
FWPCOT3249	Select timber preservation techniques	40
FWPCOT3250	Prepare timber to meet import/export compliance requirements	60
FWPCOT3251	Promote the carbon benefits of wood products	40
FWPCOT3252	Use environmental care procedures to undertake fire salvage operations	80
FWPCOT3253	Convert timber residue into products for further use	30
FWPCOT3254	Implement environmentally sustainable work practices in the work area/work site	60
FWPCOT3255	Apply silviculture principles	40
FWPCOT3256	Apply biodiversity protection principles	40

Unit Code	Unit Title	Nominal Hours
FWPCOT3257	Follow cultural heritage requirements	30
FWPCOT3258	Comply with soil and water protection	40
FWPCOT3259	Operate a four wheel drive on unsealed roads	40
FWPCOT3260	Recover four wheel drive vehicles	20
FWPCOT3261	Transport forestry logs using trucks	80
FWPCOT3262	Transport forestry produce using trucks	80
FWPCOT3263	Maintain and contribute to energy efficiency	30
FWPCOT3264	Build and maintain timber stacks	20
FWPCOT3269	Provide specialised timber product solutions	60
FWPCOT3270	Grade and mark logs	50
FWPCOT4201	Produce complex truss and frame plans and details using computers	80
FWPCOT4202	Design timber structures	80
FWPCOT4203	Plan and coordinate product assembly	40
FWPCOT4204	Schedule and coordinate load shifting	40
FWPCOT4205	Coordinate log debarking operations	40
FWPCOT4206	Plan and coordinate boiler operations	60
FWPCOT4207	Plan and coordinate heat plant operations	60
FWPCOT4208	Implement workplace sustainability practices	50
FWPCOT5201	Implement sustainable forestry practices	120
FWPCOT5202	Manage forestry information and interpretations programs	120
FWPCOT5203	Manage installation and commissioning of equipment	250
FWPCOT5204	Organise enterprise maintenance programs	100
FWPCOT5205	Develop biohazard contingency plans	80
FWPCOT5206	Implement forestry chain of custody certification system	80
FWPCOT5207	Implement sustainability in the workplace	80
FWPCOT5208	Build and maintain community relationships	80
FWPCOT5209	Manage tree harvesting to minimise environmental impact	80
FWPCOT6201	Manage community engagement	60
FWPCOT6202	Develop and manage a forestry chain of custody certification process for the workplace	120
FWPCOT6203	Develop engineered timber products to meet energy efficient building design needs	150
FWPCOT6204	Use carbon accounting to estimate emissions in the workplace	120
FWPCOT6205	Prepare an enterprise carbon management report	80
FWPCOT6207	Develop forest management systems and processes	180
FWPCOT6208	Manage innovative thinking and practice in the forest and wood products industry	70

Unit Code	Unit Title	Nominal Hours
FWPCOT6209	Manage forest and wood products industry research	70
FWPCOT8101	Lead forest and wood products industry innovative thinking and practice	80
FWPCOT8102	Initiate and lead a forest and wood products industry innovation	80
FWPFGM2201	Collect seed	40
FWPFGM2202	Prepare seedbed	60
FWPFGM2203	Plant trees by hand	20
FWPFGM2204	Plant trees mechanically	20
FWPFGM2205	Prune trees	30
FWPFGM2206	Collect data or samples for assessment	20
FWPFGM2207	Undertake brushcutting operations	40
FWPFGM2209	Cut, sort and set cuttings	20
FWPFGM2210	Implement animal pest control procedures	30
FWPFGM2211	Detect fires	30
FWPFGM2212	Graft cuttings	20
FWPFGM2213	Process seed	30
FWPFGM2214	Maintain visitor sites	20
FWPFGM2215	Measure trees	20
FWPFGM3201	Manage seed collection	80
FWPFGM3202	Extract seed	20
FWPFGM3203	Conduct an instrument survey	60
FWPFGM3206	Plan and implement non-commercial thinning operations	40
FWPFGM3207	Coordinate stem improvement	120
FWPFGM3209	Construct and maintain forest roads and tracks	120
FWPFGM3210	Patrol forest	40
FWPFGM3211	Manage coppice stems	40
FWPFGM3212	Fall trees manually (intermediate)	100
FWPFGM3213	Fall trees manually (advanced)	120
FWPFGM3214	Operate a four wheel drive in a towing situation	30
FWPFGM3215	Perform complex 4x4 operations	80
FWPFGM4201	Implement a forest establishment plan	160
FWPFGM4202	Manage stand health	120
FWPFGM4203	Design plantations	180
FWPFGM4204	Conduct a pests and diseases assessment	40
FWPFGM4205	Monitor regeneration rates	20
FWPFGM4206	Conduct a wood volume and yield assessment	40
FWPFGM4207	Conduct a forest site assessment	40

Unit Code	Unit Title	Nominal Hours
FWPFGM4208	Plan a quarry	120
FWPFGM4209	Interpret and use aerial photographs for forest management	15
FWPFGM4210	Prepare a tender	40
FWPFGM5201	Plan and manage an inventory program	100
FWPFGM5208	Manage road construction and maintenance	150
FWPFGM5210	Manage tending operations in a native forest	120
FWPFGM5211	Coordinate stand nutrition	120
FWPFGM5212	Manage genetic resources	200
FWPFGM5213	Coordinate plantation tending operations	120
FWPFGM5214	Develop a native forest regeneration plan	160
FWPFGM5215	Breed Trees	100
FWPFGM5216	Manage coupe planning	200
FWPFGM5217	Promote plantations as a sustainable form of land use	80
FWPFGM5219	Undertake carbon stock sampling of forests and plantations	60
FWPFGM6201	Plan a bio-char storage system for carbon capture and storage	150
FWPFGM6203	Manage sustainable tree inventory	150
FWPHAR2203	Hook up felled logs using cables (choker)	50
FWPHAR2204	Perform landing duties (chaser)	50
FWPHAR2205	Conduct mobile splitting operations	30
FWPHAR2206	Operate a mobile chipper/mulcher	30
FWPHAR2207	Trim and cut harvested trees	40
FWPHAR3201	Monitor log recovery (rigging slinger)	200
FWPHAR3210	Conduct mechanical processor operations	200
FWPHAR3213	Conduct mechanically assisted tree falling operations	150
FWPHAR3215	Operate a heavy production mobile chipper	200
FWPHAR3220	Harvest trees manually (intermediate)	100
FWPHAR3221	Harvest trees manually (advanced)	120
FWPHAR3222	Use on-board computer systems for forwarder	30
FWPHAR3223	Use on-board computer systems for single grip harvester	50
FWPHAR3224	Operator crawler tractor	160
FWPHAR3225	Operate excavator with log grapple	160
FWPHAR3226	Operate feller buncher	200
FWPHAR3227	Operate forwarder	200
FWPHAR3228	Operate loader	170
FWPHAR3229	Operate single grip harvester	200
FWPHAR3230	Operate skidder	160

Unit Code	Unit Title	Nominal Hours
FWPHAR3231	Operate yarder	200
FWPHAR4201	Apply tree jacking techniques	100
FWPHAR4202	Coordinate log recovery (hook tender)	150
FWPHAR4203	Design log landings and snig tracks	80
FWPHAR4204	Plan and coordinate fire salvage operations	60
FWPHAR4205	Implement harvesting plans	60
FWPHAR5201	Design harvesting plans	200
FWPSAW2201	Grade round poles and debarked logs	20
FWPSAW2202	Sort boards manually	20
FWPSAW2203	Sort boards mechanically	20
FWPSAW2204	Dock boards with mechanical feed	20
FWPSAW2205	Assemble materials using nail plates	20
FWPSAW2206	De-stack seasoning racks	20
FWPSAW2207	Round softwood logs	20
FWPSAW2208	Split wood products	20
FWPSAW2209	Dismantle, transport and assemble hand portable sawmill	50
FWPSAW2210	Prepare for timber treatment operations	30
FWPSAW3201	Treat timber	40
FWPSAW3202	Produce sawn green boards	80
FWPSAW3203	Break down logs	40
FWPSAW3204	Saw flitches and cants	40
FWPSAW3205	Dry hardwood	40
FWPSAW3206	Dry softwood	40
FWPSAW3207	Sharpen band saws	40
FWPSAW3208	Sharpen circular saws	30
FWPSAW3209	Align sawing production systems	40
FWPSAW3210	File and set saws	40
FWPSAW3211	Recondition guides	40
FWPSAW3212	Sharpen tipped circular saws	30
FWPSAW3213	Level and tension circular saws	50
FWPSAW3214	Join band saw blades	40
FWPSAW3215	Screen wood chips	40
FWPSAW3216	Transfer wood chips	40
FWPSAW3217	Hard face saw teeth	30
FWPSAW3218	Replace tungsten tips	30
FWPSAW3219	Replace stellite tips	30
FWPSAW3220	Maintain wide band saw blades	50

Unit Code	Unit Title	Nominal Hours
FWPSAW3221	Profile saw blanks	40
FWPSAW3222	Recondition band mill wheels	40
FWPSAW3223	Assess wood chips	40
FWPSAW3224	Coordinate and monitor the wood chip stockpile	40
FWPSAW3225	Maintain frame saw blades	40
FWPSAW3226	Saw logs using CNC optimising systems	40
FWPSAW3227	Select and saw logs in multi-species operations	40
FWPSAW3228	Apply principles of blade design to sawing procedures	40
FWPSAW3229	Operate a portable sawmill	60
FWPSAW4201	Plan and monitor timber treatment plant operations	50
FWPSAW4202	Plan and monitor saw log operations	50
FWPSAW4203	Coordinate timber drying operations	50
FWPSAW4204	Plan and monitor board conversion	50
FWPTMM2201	Cut material to length and angles	30
FWPTMM2202	Machine material	20
FWPTMM2203	Read and interpret timber truss, floor and/or frame fabrication plans	30
FWPTMM3201	Convert timber	40
FWPTMM3202	Manufacture using joinery machines	40
FWPTMM3203	Estimate and cost job	40
FWPTMM3204	Interpret designs to prepare timber roof truss drawings and documents using computers	80
FWPTMM3205	Interpret designs to prepare timber floor system drawings and documents using computers	80
FWPTMM3206	Interpret designs to prepare timber wall frame drawings and documents using computers	80
FWPTMM3207	Set up timber floor trusses	30
FWPTMM4201	Construct prototypes and samples	40
FWPTMM4202	Diagnose and calculate production costs	80
FWPTMM4203	Install and commission CNC software	120
FWPTMM4204	Sample and test products to specifications	40
FWPTMM4205	Prepare and advise on a broad range of timber roof truss details using computers	150
FWPTMM4206	Prepare and advise on a broad range of timber floor system details using computers	150
FWPTMM4207	Prepare and advise on a broad range of timber wall frame details using computers	150
FWPTMM5201	Assess product feasibility of designs	100
FWPTMM5202	Develop, trial and evaluate prototypes	150
FWPTMM5203	Generate and transfer complex computer-aided drawings and specifications	150

Unit Code	Unit Title	Nominal Hours
FWPTMM5204	Manage product design	180
FWPTMM5205	Optimise CNC operations	180
FWPTMM5206	Plan production	200
FWPWPP2201	Cut panels	20
FWPWPP2202	Surface treat raw board	20
FWPWPP2203	Repair veneer and ply	10
FWPWPP2204	Repair veneer mechanically	10
FWPWPP2205	Prepare chip or fibre blends	20
FWPWPP2206	Prepare veneer for ply	20
FWPWPP2207	Scarf edges of veneer	10
FWPWPP2208	Cut veneer	10
FWPWPP2209	Saw products from continuous ply	10
FWPWPP2210	Cut panels to profile	20
FWPWPP2211	Move material by transfer equipment	30
FWPWPP3201	Produce veneer from debarked logs	50
FWPWPP3202	Paint panels	10
FWPWPP3203	Produce fibre from chips	25
FWPWPP3204	Form board	70
FWPWPP3205	Match and join veneer	10
FWPWPP3206	Laminate and veneer board surfaces	15
FWPWPP3207	Clip veneer	10
FWPWPP3208	Punch peg holes in panels	10
FWPWPP3209	Prepare resin and additives	15
FWPWPP3210	Laminate board	20
FWPWPP3211	Maintain caul plates and screens	10
FWPWPP3212	Dry material	30
FWPWPP3213	Heat treat material	15
FWPWPP3214	Treat paper	10
FWPWPP3215	Cut paper	10
FWPWPP3216	Press material using the daylight process	40
FWPWPP3217	Process production effluent	20
FWPWPP3218	Plan and coordinate machining of panels	30
FWPWPP3219	Blend and test binding mixes	30
FWPWPP3220	Plan and coordinate panel painting	10
FWPWPP3221	Trim new panels to size	20
FWPWPP3222	Press laminated ply	20
FWPWPP3223	Immunise veneer	30



Unit Code	Unit Title	Nominal Hours
FWPWPP3224	Profile sand products	15
FWPWPP3225	Produce profile sanding shoes and wheels	15
FWPWPP3226	Operate a continuous press	40
FWPWPP3227	Vacuum paint	15
FWPWPP3228	Dry Wood Flakes	30
FWPWPP3229	Classify flake	15
FWPWPP3230	Produce decorative veneers	40
FWPWPP3231	Produce veneer from prepared flitches	30
FWPWPP4201	Plan and coordinate panel production	30
FWPWPP4202	Perform laboratory testing	40

## SAMPLE TRAINING PROGRAMS

The following pages list a range of Sample Training Programs across the different qualification levels within the **FWP Training Package** to demonstrate how units might be packaged to meet a particular vocational outcome.

<b>Occupation/ Work Function</b>	Assistant Forest Maintenance Worker	
<b>Qualification Title</b>	Certificate I in Forest and Forest Products	
<b>Qualification Code</b>	FWP10116	
<b>Description</b>	This sample training program is appropriate for a person assisting in the daily maintenance and control work around plantations.	
<b>Unit Code</b>	<b>Unit Title</b>	<b>Hours</b>
<b>Core</b>		
FWPCOR2201	Work effectively in the forest and forest products industry	35
FWPCOR2202	Communicate and interact effectively in the workplace	40
FWPCOR2203	Follow environmental care procedures	30
FWPCOR2205	Follow WHS policies and procedures	30
FWPCOR2207	Maintain quality and product care	20
<b>Elective</b>		
FWPFGM2201	Collect seed	40
PUATEA001B	Work in a team	20

<b>Occupation / Work Function</b>	Forestry Worker	
<b>Qualification Title</b>	Certificate II in Forest Growing and Management	
<b>Qualification Code</b>	FWP20116	
<b>Description</b>	This sample training program is appropriate for a person to pathway into an operational environment within the forest growing and management industry as a forestry worker. Other pathways include arboriculture worker, farm forestry worker, nursery worker, silviculturist and planation forest worker.	
<b>Unit Code</b>	<b>Unit Title</b>	<b>Hours</b>
<b>Core</b>		
FWPCOR2201	Work effectively in the forest and forest products industry	35
FWPCOR2202	Communicate and interact effectively in the workplace	40
FWPCOR2203	Follow environmental care procedures	30
FWPCOR2204	Follow fire prevention procedures	20
FWPCOR2205	Follow WHS policies and procedure	30
HLTAID003	Provide first aid	18
<b>Elective</b>		
FWPFGM2207	Undertake brushcutting operations	40
AHCARB204	Undertake standard climbing techniques	40
FWPCOT2237	Maintain chainsaws	20
FWPCOT2239	Trim and cut felled trees	40
FWPFGM2205	Prune trees	30
RIIMPO317E	Conduct roller operations	80

<b>Occupation / Work Function</b>	Dump Person (Log Landing Worker)	
<b>Qualification Title</b>	Certificate II in Harvesting and Haulage	
<b>Qualification Code</b>	FWP20216	
<b>Description</b>	This sample training program is appropriate for a person to pathway into an operational environment within the forest growing and management industry as a log landing operator in a forest-harvesting coupe. Other pathways include arboriculture worker, farm forestry worker, nursery worker, silviculturist and planation forest worker.	
<b>Unit Code</b>	<b>Unit Title</b>	<b>Hours</b>
<b>Core</b>		
FWPCOR2201	Work effectively in the forest and forest products industry	35
FWPCOR2202	Communicate and interact effectively in the workplace	40
FWPCOR2203	Follow environmental care procedures	30
FWPCOR2204	Follow fire prevention procedures	20
FWPCOR2205	Follow WHS policies and procedures	30
FWPCOR2207	Maintain quality and product care	20
HLTAID003	Provide first aid	18
<b>Elective</b>		
AHCARB206	Undertake stump removal	10
FWPCOT2236	Fall trees manually (basic)	80
FWPCOT2237	Maintain chainsaws	20
FWPHAR2205	Conduct mobile splitting operations	30
FWPHAR2207	Trim and cut harvested trees	40
FWPHAR3225	Operator excavator with log grapple	160

<b>Occupation / Work Function</b>	Sawmill Worker	
<b>Qualification Title</b>	Certificate II in Sawmilling and Processing	
<b>Qualification Code</b>	FWP20316	
<b>Description</b>	This sample training program is appropriate for a person to pathway into an operational environment within sawmilling and processing. Other pathways include kiln worker, timber grader, treatment plant worker and production worker.	
<b>Unit Code</b>	<b>Unit Title</b>	<b>Hours</b>
<b>Core</b>		
FWPCOR2201	Work effectively in the forest and forest products industry	35
FWPCOR2202	Communicate and interact effectively in the workplace	40
FWPCOR2203	Follow environmental care procedures	30
FWPCOR2205	Follow WHS policies and procedure	30
FWPCOR2207	Maintain quality and product care	20
<b>Elective</b>		
FWPCOT2216	Visually stress grade softwood	20
FWPCOT2218	Cross cut materials with a fixed saw	25
FWPCOT2238	Cut materials with a hand-held chainsaw	40
FWPCOT3212	Replace saws, blades and guides	40
FWPSAW2203	Sort boards mechanically	20
FWPSAW3202	Produce sawn green boards	80
FWPSAW3203	Break down logs	40
MEM18011C	Shut down and isolate machines/equipment	20

<b>Occupation / Work Function</b>	Production Worker (Veneer)	
<b>Qualification Title</b>	Certificate II in Wood Panel Products	
<b>Qualification Code</b>	FWP20416	
<b>Description</b>	This sample training program is appropriate for a person to pathway into an operational environment of wood panel products. Pathways include production worker in laminates, panel and board and veneer.	
<b>Unit Code</b>	<b>Unit Title</b>	<b>Hours</b>
<b>Core</b>		
FWPCOR2201	Work effectively in the forest and forest products industry	35
FWPCOR2202	Communicate and interact effectively in the workplace	40
FWPCOR2203	Follow environmental care procedures	30
FWPCOR2205	Follow WHS policies and procedure	30
FWPCOR2207	Maintain quality and product care	20
<b>Elective</b>		
BSBITU201	Produce simple word processed documents	60
FWPCOT2207	Dress boards and timber	50
FWPWPP2202	Surface treat raw board	20
FWPWPP2206	Prepare veneer for ply	20
FWPWPP2210	Cut panels to profile	20
FWPWPP2211	Move material by transfer equipment	30
MEM18011C	Shut down and isolate machines/equipment	20
MSS402001	Apply competitive systems and practices	40

<b>Occupation / Work Function</b>	Laminated Beam Assembler	
<b>Qualification Title</b>	Certificate II in Timber Manufactured Products	
<b>Qualification Code</b>	FWP20516	
<b>Description</b>	This sample training program is appropriate for a person working in a timber manufacturing plant employed to assemble glue-laminated beams.	
<b>Unit Code</b>	<b>Unit Title</b>	<b>Hours</b>
<b>Core</b>		
FWPCOR2201	Work effectively in the forest and forest products industry	35
FWPCOR2202	Communicate and interact effectively in the workplace	40
FWPCOR2203	Follow environmental care procedures	30
FWPCOR2205	Follow WHS policies and procedures	30
FWPCOR2207	Maintain quality and product care	20
<b>Elective</b>		
FWPCOT2203	Finish and pack products	30
FWPCOT2215	Visually stress grade hardwood	20
FWPCOT2216	Visually stress grade softwood	20
FWPCOT2207	Dress boards and timber	50
FWPCOT2219	Use hand-held tools	20
FWPCOT2222	Produce laminated beams	40
FWPCOT2229	Dock material to length	25
FWPCOT2230	Assemble products	40
FWPTMM2201	Cut material to length and angles	30

<b>Occupation / Work Function</b>	Customer Service (Wholesale)	
<b>Qualification Title</b>	Certificate II in Timber Merchandising	
<b>Qualification Code</b>	FWP20616	
<b>Description</b>	This sample training program is appropriate for a person employed in the timber merchandising sector of the forest and forest products industry as a customer service or sales assistant (retail or wholesale).	
<b>Unit Code</b>	<b>Unit Title</b>	<b>Hours</b>
<b>Core</b>		
FWPCOR2201	Work effectively in the forest and forest products industry	35
FWPCOR2202	Communicate and interact effectively in the workplace	40
FWPCOR2203	Follow environmental care procedures	30
FWPCOR2205	Follow WHS policies and procedures	30
SIRXCCS202	Interact with customers	30
<b>Elective</b>		
BSBCUS301	Deliver and monitor a service to customers	35
BSBINM201	Process and maintain workplace information	30
BSBITU201	Produce simple word processed documents	60
FWPCOT2241	Apply wood and timber product knowledge	20
SIRXINV001A	Perform stock control procedures	35
TLIC2002	Drive light rigid vehicle	40
TLID2010	Operate a forklift	40



<b>Occupation / Work Function</b>	Timber Manufacturing Worker	
<b>Qualification Title</b>	Certificate II in Timber Truss and Frame Design and Manufacture	
<b>Qualification Code</b>	FWP20716	
<b>Description</b>	This sample training program is appropriate for a person working in manufacture of timber trusses and/or frames.	
<b>Unit Code</b>	<b>Unit Title</b>	<b>Hours</b>
<b>Core</b>		
FWPCOR2201	Work effectively in the forest and forest products industry	35
FWPCOR2202	Communicate and interact effectively in the workplace	40
FWPCOR2203	Follow environmental care procedures	30
FWPCOR2205	Follow WHS policies and procedure	30
FWPCOR2207	Maintain quality and product care	20
FWPCOT2219	Use hand-held tools	20
FWPCOT2235	Assess timber for manufacturing potential	20
<b>Elective</b>		
FWPCOT2229	Dock material to length	25
FWPCOT2230	Assemble products	40
FWPTMM2201	Cut material to length and angles	30
FWPTMM2203	Read and interpret timber truss, floor and/or frame fabrication plans	30
TLID2010	Operate a forklift	40
TLID2047	Prepare cargo for transfer with slings	40

<b>Occupation / Work Function</b>	Forestry Technician	
<b>Qualification Title</b>	Certificate III in Forest Growing and Management	
<b>Qualification Code</b>	FWP30116	
<b>Description</b>	This sample training program is appropriate for a person to pathway into an operational environment within the forest growing and management industry as a forestry technician. Other pathways include arboriculture technician, farm forestry technician, nursery technician, silviculturist and tree planter.	
<b>Unit Code</b>	<b>Unit Title</b>	<b>Hours</b>
<b>Core</b>		
BSBFLM312	Contribute to team effectiveness	40
FWPCOR2201	Work effectively in the forest and forest products industry	35
FWPCOR2202	Communicate and interact effectively in the workplace	40
FWPCOR3201	Implement safety, health and environment policies and procedures	80
FWPCOR3203	Evaluate fire potential and prevention	40
HLTAID003	Provide first aid	18
<b>Elective</b>		
AHCPMG301	Control weeds	70
AHCPMG302	Control plant pests, diseases and disorders	80
FWPCOT3259	Operate a four wheel drive on unsealed roads	40
FWPCOT3270	Grade and mark logs	50
FWPFGM3212	Fall trees manually (intermediate)	100
FWPFGM3213	Fall trees manually (advanced)	120
RIIMPO319D	Conduct backhoe/loader operations	200

<b>Occupation / Work Function</b>	Forestry Technician	
<b>Qualification Title</b>	Certificate III in Harvesting and Haulage	
<b>Qualification Code</b>	FWP30216	
<b>Description</b>	This sample training program is appropriate for a person to pathway into an operational environment within the forest growing and management industry as a forestry technician. Other pathways include arboriculture technician, farm forestry technician, nursery technician, silviculturist and tree planter.	
<b>Unit Code</b>	<b>Unit Title</b>	<b>Hours</b>
<b>Core</b>		
BSBFLM312	Contribute to team effectiveness	40
FWPCOR2201	Work effectively in the forest and forest products industry	35
FWPCOR2202	Communicate and interact effectively in the workplace	40
FWPCOR3201	Implement safety, health and environment policies and procedures	80
FWPCOR3202	Conduct quality and product care procedures	20
FWPCOR3203	Evaluate fire potential and prevention	40
HLTAID003	Provide first aid	18
<b>Elective</b>		
FWPHAR3222	Use on-board computer systems for forwarder	30
FWPHAR3220	Harvest trees manually (intermediate)	100
FWPHAR3221	Harvest trees manually (advanced)	120
FWPHAR3224	Operator crawler tractor	160
FWPHAR3225	Operate excavator with log grapple	160
FWPHAR3227	Operate forwarder	200

<b>Occupation / Work Function</b>	Chipper Operator	
<b>Qualification Title</b>	Certificate III in Sawmilling and Processing	
<b>Qualification Code</b>	FWP30316	
<b>Description</b>	This sample training program is appropriate for a person to pathway into an operational environment of sawmilling and processing as a chipper operator. Other pathways include benchman, production technician, kiln operator, timber grader and sawmilling technician.	
<b>Unit Code</b>	<b>Unit Title</b>	<b>Hours</b>
<b>Core</b>		
BSBFLM312	Contribute to team effectiveness	40
FWPCOR2201	Work effectively in the forest and forest products industry	35
FWPCOR2202	Communicate and interact effectively in the workplace	40
FWPCOR3201	Implement safety, health and environment policies and procedures	80
FWPCOR3202	Conduct quality and product care procedures	20
FWPCOR3204	Visually assess materials	20
<b>Elective</b>		
FWPCOT3203	Weigh loads	20
FWPCOT3233	Sharpen and align blades and knives	30
FWPSAW3215	Screen wood chips	40
FWPSAW3216	Transfer wood chips	40
FWPSAW3223	Assess wood chips	40
FWPSAW3224	Coordinate and monitor the wood chip stockpile	40
FWPSAW3229	Operate a portable sawmill	60

<b>Occupation / Work Function</b>	Lathe Operator	
<b>Qualification Title</b>	Certificate III in Wood Panel Products	
<b>Qualification Code</b>	FWP30416	
<b>Description</b>	This sample training program is appropriate for a person to pathway into an operational environments of wood panel products as a Lathe Operator. Other pathways include kiln operator, timber fabricator and production technician laminates.	
<b>Unit Code</b>	<b>Unit Title</b>	<b>Hours</b>
<b>Core</b>		
BSBFLM312	Contribute to team effectiveness	40
FWPCOR2201	Work effectively in the forest and forest products industry	35
FWPCOR2202	Communicate and interact effectively in the workplace	40
FWPCOR3201	Implement safety, health and environment policies and procedures	80
FWPCOR3202	Conduct quality and product care procedures	20
FWPCOR3204	Visually assess materials	20
<b>Elective</b>		
FWPCOT3227	Receive and measure logs	35
FWPSAW3226	Saw logs using CNC optimising systems	40
FWPWPP3201	Produce veneer from debarked logs	50
FWPWPP3204	Form board	70
FWPCOT3212	Replace saws, blades and guides	40
FWPCOT3217	Assess and maintain cutter performance	40
TLID3043	Shift loads using gantry equipment	80

<b>Occupation /Work Function</b>	Timber Manufactured Products Technician	
<b>Qualification Title</b>	Certificate III in Timber Manufactured Products	
<b>Qualification Code</b>	FWP30516	
<b>Description</b>	This sample training program is appropriate for a person to pathway into an operational environment of timber manufacturing. Pathways include press operator, jig setter and saw operator.	
<b>Unit Code</b>	<b>Unit Title</b>	<b>Hours</b>
<b>Core</b>		
BSBFLM312	Contribute to team effectiveness	40
FWPCOR2201	Work effectively in the forest and forest products industry	35
FWPCOR2202	Communicate and interact effectively in the workplace	40
FWPCOR3201	Implement safety, health and environment policies and procedures	80
FWPCOR3202	Conduct quality and product care procedures	20
FWPCOR3204	Visually assess materials	20
<b>Elective</b>		
BSBINM301	Organise workplace information	30
FWPCOT3205	Dress boards using multi-headed machines	40
FWPCOT3207	Set up, operate and maintain finger jointing operations	40
FWPCOT3208	Test strength of joints	25
FWPCOT3212	Replace saws, blades and guides	40
FWPCOT3228	Plane/sand panels	15
FWPCOT3236	Coordinate stock control procedures	40

<b>Occupation /Work Function</b>	Sales and Merchandising Team Leader (Timber Products)	
<b>Qualification Title</b>	Certificate III in Timber Merchandising	
<b>Qualification Code</b>	FWP30616	
<b>Description</b>	This sample training program is appropriate for a person to pathway into an operational environment in a wholesale or retail timber supplies. Pathways include customer service and timber advisor.	
<b>Unit Code</b>	<b>Unit Title</b>	<b>Hours</b>
<b>Core</b>		
FWPCOR2201	Work effectively in the forest and forest products industry	35
FWPCOR3201	Implement safety, health and environment policies and procedures	80
FWPCOR3202	Conduct quality and product care procedures	20
FWPCOT2241	Apply wood and timber product knowledge	20
SIRXSLS303	Build relationships with customers	35
<b>Elective</b>		
BSBFIA301	Maintain financial records	60
FWPCOR3204	Visually assess materials	20
FWPCOT3204	Prepare and interpret sketches and drawings	30
FWPTMM3203	Estimate and cost job	40
SIRWSLS301	Build sales relationships	30
SIRXMER303	Coordinate merchandise presentation	35
TLIA3018	Organise despatch operations	40

<b>Occupation /Work Function</b>	Saw Doctor	
<b>Qualification Title</b>	Certificate III in Sawdoctoring	
<b>Qualification Code</b>	FWP30716	
<b>Description</b>	This sample training program is appropriate for a person to pathway into an operational environment of sawmilling and processing. Pathways include saw maker, repairer and sawdoctor.	
<b>Unit Code</b>	<b>Unit Title</b>	<b>Hours</b>
<b>Core</b>		
BSBFLM312	Contribute to team effectiveness	40
FWPCOR2201	Work effectively in the forest and forest products industry	35
FWPCOR2202	Communicate and interact effectively in the workplace	40
FWPCOR3201	Implement safety, health and environment policies and procedures	80
FWPCOT3204	Prepare and interpret sketches and drawings	30
FWPCOT3211	Maintain sawdoctoring tools	30
FWPCOT3233	Sharpen and align blades and knives	30
FWPCOT3247	Select timber for forestry operations	35
FWPSAW3228	Apply principles of blade design to sawing procedures	40
MEM05006C	Perform brazing and or silver soldering	20
<b>Electives</b>		
FWPCOT3201	Hand sharpen knives and blades	20
FWPCOT3210	Sharpen cutting tools	20
FWPCOT3212	Replace saws, blades and guides	40
FWPCOT3213	Manufacture cutting tools	40
FWPCOT3215	Swage and shape saw blades	40
FWPCOT3237	Produce templates	30
FWPSAW3207	Sharpen band saws	40
FWPSAW3208	Sharpen circular saws	30
FWPSAW3212	Sharpen tipped circular saws	30



FWPSAW3213	Level and tension circular saws	50
FWPSAW3214	Join band saw blades	40
FWPSAW3217	Hard face saw teeth	30
FWPSAW3218	Replace tungsten tips	30
FWPSAW3219	Replace stellite tips	30
FWPSAW3220	Maintain wide band saw blades	50
MEM05004C	Perform routine oxyacetylene welding	20

<b>Occupation /Work Function</b>	Wood Machinist	
<b>Qualification Title</b>	Certificate III in Woodmachining	
<b>Qualification Code</b>	FWP30816	
<b>Description</b>	This sample training program is appropriate for a person in operational environments of sawmilling and processing as a wood machinist.	
<b>Unit Code</b>	<b>Unit Title</b>	<b>Hours</b>
<b>Core</b>		
BSBFLM312	Contribute to team effectiveness	40
FWPCOR2201	Work effectively in the forest and forest products industry	35
FWPCOR2202	Communicate and interact effectively in the workplace	40
FWPCOR3201	Implement safety, health and environment policies and procedures	80
FWPCOR3202	Conduct quality and product care procedures	20
FWPCOT3201	Hand sharpen knives and blades	20
FWPCOT3204	Prepare and interpret sketches and drawings	30
FWPCOT3247	Select timber for forestry operations	35
FWPSAW3228	Apply principles of blade design to sawing procedures	40
<b>Elective</b>		
FWPCOT2207	Dress boards and timber	50
FWPCOT2208	Resaw boards and timber	20
FWPCOT3205	Dress boards using multi-headed machines	40
FWPCOT3239	Create drawings using computer aided design systems	30
FWPCOT3244	Cut material to profile	20
FWPTMM2202	Machine material	20
FWPTMM3202	Manufacture using joinery machines	40
FWPCOT3210	Sharpen cutting tools	20
FWPCOT3212	Replace saws, blades and guides	40
FWPCOT3216	Assess and maintain saw performance	40

FWPCOT3217	Assess and maintain cutter performance	40
FWPCOT3233	Sharpen and align blades and knives	30
FWPCOT3237	Produce templates	30
FWPCOT2219	Use hand-held tools	20
FWPCOT2232	Cut material to shape using a saw	20
FWPCOT3234	Cut material using CNC sizing machines	30
FWPCOT3235	Machine material using CNC machining and processing centres	30
FWPTMM3201	Convert timber	40

<b>Occupation/Work Function</b>	Designer (Timber truss and frame)	
<b>Qualification Title</b>	Certificate III in Timber Truss and Frame Design and Manufacture	
<b>Qualification Code</b>	FWP30916	
<b>Description</b>	This sample training program is appropriate for a person to pathway into operational environments of timber truss and frame design. Pathways include designer (timber truss and frame and production fabricator (timber truss and frame).	
<b>Unit Code</b>	<b>Unit Title</b>	<b>Hours</b>
<b>Core</b>		
FWPCOR2201	Work effectively in the forest and forest products industry	35
FWPCOR2202	Communicate and interact effectively in the workplace	40
FWPCOR3201	Implement safety, health and environment policies and procedures	80
FWPCOR3202	Conduct quality and product care procedures	20
BSBFLM312	Contribute to team effectiveness	40
<b>Elective</b>		
FWPTMM3204	Interpret designs to prepare timber roof truss drawings and documents using computers	80
FWPTMM3205	Interpret designs to prepare timber floor system drawings and documents using computers	80
FWPCOT3204	Prepare and interpret sketches and drawings	30
FWPCOT3214	Take off material quantities	30
FWPCOT3218	Quote and interpret from manufactured timber product plans	50
FWPCOT3220	Quote and interpret from computerised timber manufactured product plans	50
FWPCOT3239	Create drawings using computer aided design systems	30
CPCBC4001A	Apply building codes and standards to the construction process for low rise building projects	40

<b>Occupation / Work Function</b>	Team Leader, Forestry Operations	
<b>Qualification Title</b>	Certificate IV in Forest Operations	
<b>Qualification Code</b>	FWP40116	
<b>Description</b>	Appropriate for a person working in the forest operations sector of the forest and forest products industry as a Farm forestry Supervisor, Forestry Supervisor, Forestry Operations Supervisor, Harvesting Supervisor, Harvesting Team Leader, Propagation and Stand Health Supervisor and Tree Farm Supervisor.	
<b>Unit Code</b>	<b>Unit Title</b>	<b>Hours</b>
<b>Core</b>		
BSBLED401	Develop teams and individuals	40
FWPCOR3203	Evaluate fire potential and prevention	40
FWPCOR4201	Monitor safety, health and environment policies and procedures	80
FWPCOR4202	Monitor and review forestry operations	80
FWPCOR4203	Monitor quality and product care procedures	80
<b>Electives</b>		
FWPFGM4206	Conduct a wood volume and yield assessment	40
AHCPMG402	Develop a pest management action plan within a local area	100
BSBLDR402	Lead effective workplace relationships	50
BSBWRT401	Write complex documents	50
FWPFGM4201	Implement a forest establishment plan	160
FWPFGM4203	Design plantations	180
FWPFGM4205	Monitor regeneration rates	20
FWPFGM4207	Conduct a forest site assessment	40
FWPHAR4205	Implement harvesting plans	60

<b>Occupation / Work Function</b>	Green Mill Supervisor	
<b>Qualification Title</b>	Certificate IV in Timber Processing	
<b>Qualification Code</b>	FWP40216	
<b>Description</b>	Appropriate for a person working in a Sawmilling or manufacturing plant in the Timber Processing sector as Customer Service Manager, Sawmill Supervisor, Production Supervisor, Treatment Plant Supervisor, Timber Advisor and Timber Manufacturing Supervisor.	
<b>Unit Code</b>	<b>Unit Title</b>	<b>Hours</b>
<i>Core</i>		
BSBLED401	Develop teams and individuals	40
FWPCOR4203	Monitor quality and product care procedures	80
FWPCOR4201	Monitor safety, health and environment policies and procedures	80
<i>Electives</i>		
AHCMOM402	Supervise maintenance of machinery and equipment	80
FWPSAW4202	Plan and monitor saw log operations	50
BSBLDR402	Establish effective workplace relationships	50
BSBWOR301	Organise personal work priorities and development	30
BSBRISK401	Identify risk and apply risk management processes	50
MSS403010	Facilitate change in an organisation implementing competitive systems and practices	50
BSBLDR403	Promote team effectiveness	50
FWPTMM4202	Diagnose and calculate production costs	80
TLIR4002	Source goods/services and evaluate contractors	30
BSBINM401	Implement workplace information system	40
BSBMGT403	Implement continuous improvement	40

<b>Occupation / Work Function</b>	Frame and Truss Manufacturing Supervisor	
<b>Qualification Title</b>	Certificate IV in Timber Truss and Frame Manufacture	
<b>Qualification Code</b>	FWP40316	
<b>Description</b>	Appropriate for a person employed as a supervisor in truss and/or frame manufacturing plant.	
<b>Unit Code</b>	<b>Unit Title</b>	<b>Hours</b>
<i>Core</i>		
BSBLED401	Develop teams and individuals	40
FWPCOR4203	Monitor quality and product care procedures	80
FWPCOR4201	Monitor safety, health and environment policies and procedures	80
<i>Electives</i>		
BSBMGT402	Implement operational plan	40
BSBPMG415	Apply project risk-management techniques	40
BSBCUS501	Manage quality customer service	40
BSBPMG522	Undertake project work	60
CPCCB4024A	Resolve business disputes	20
CPCSUS4001A	Implement and monitor environmentally sustainable work practices	40
CPCCSV5010A	Interact with clients in a regulated environment	36
FWPCOT4203	Plan and coordinate product assembly	40
HLTAID006	Provide advanced first aid	30
HLTAID008	Manage first aid services and resources	16
MSS402050	Monitor process capability	30
MSS403001	Review competitive systems and practices	50
MSS403010	Facilitate change in an organisation implementing competitive systems and practices	50
TAEDEL401	Plan, organise and deliver group-based learning	30

<b>Occupation / Work Function</b>	Frame and Truss Design Supervisor	
<b>Qualification Title</b>	Certificate IV in Timber Truss and Frame Design	
<b>Qualification Code</b>	FWP40416	
<b>Description</b>	Appropriate for a person employed as a supervisor in the design of truss and or frames.	
<b>Unit Code</b>	<b>Unit Title</b>	<b>Hours</b>
<b>Core</b>		
BSBLED401	Develop teams and individuals	40
FWPCOR4203	Monitor quality and product care procedures	80
FWPCOR4201	Monitor safety, health and environment policies and procedures	80
<b>Electives</b>		
BSBCUS401	Coordinate implementation of customer service strategies	40
BSBINM401	Implement workplace information system	40
CPCCB4001A	Apply building codes and standards to the construction process for low rise building projects	40
CPCCB4004A	Identify and produce estimated costs for building and construction projects	60
CPCCB4024A	Resolve business disputes	20
CPCSUS4001A	Implement and monitor environmentally sustainable work practices	40
CPCCSV5010A	Interact with clients in a regulated environment	36
FWPCOT4202	Design timber structures	80
FWPTMM4202	Diagnose and calculate production costs	80
FWPTMM4205	Prepare and advise on a broad range of timber roof truss details using computers	150
FWPTMM4207	Prepare and advise on a broad range of timber wall frame details using computers	150
FWPCOT4203	Plan and coordinate product assembly	40



MSS404060A	Facilitate the use of planning software systems in a work area or team	50
BSBPMG522	Undertake project work	60

<b>Occupation / Work Function</b>	Tree Growing and Maintenance Manager	
<b>Qualification Title</b>	Diploma of Forest and Forest Products	
<b>Qualification Code</b>	FWP50116	
<b>Description</b>	Appropriate for a person working as a tree growing and maintenance manager in the Forest Growing and Management sector.	
<b>Unit Code</b>	<b>Unit Title</b>	<b>Hours</b>
<b>Core</b>		
BSBCUS501	Manage quality customer service	40
BSBMGT502	Manage people performance	70
BSBMGT516	Facilitate continuous improvement	60
BSBWHS503	Contribute to the systematic management of WHS risk	40
BSBWOR501	Manage personal work priorities and professional development	60
BSBWOR502	Lead and manage team effectiveness	60
<b>Electives</b>		
AHCPGD402	Plan a plant establishment program	80
AHCPMG503	Develop a strategy for the management of target pests	100
AHCNSY401	Plan a growing-on program	80
LGAPLEM612B	Protect heritage and cultural assets	50
AHCWRK505	Manage trial and research material	140
FWPCOT5202	Manage forestry information and interpretations programs	120
FWPFGM5211	Coordinate stand nutrition	120
FWPFGM5213	Coordinate plantation tending operations	120
FWPFGM5216	Manage coupe planning	200

<b>Occupation / Work Function</b>	Frame and Truss Manufacturer – Production Manager	
<b>Qualification Title</b>	Diploma of Timber Truss and Frame Manufacture	
<b>Qualification Code</b>	FWP50216	
<b>Description</b>	Appropriate for a person employed in senior capacity in a Truss and Frame manufacturing plant.	
<b>Unit Code</b>	<b>Unit Title</b>	<b>Hours</b>
<b>Core</b>		
BSBCUS501	Manage quality customer service	40
BSBMGT502	Manage people performance	70
BSBMGT516	Facilitate continuous improvement	60
BSBWHS503	Contribute to the systematic management of WHS risk	40
BSBWOR501	Manage personal work priorities and professional development	60
<b>Electives</b>		
BSBAUD501	Initiate a quality audit	40
BSBINM501	Manage an information or knowledge management system	50
BSBMKG501	Identify and evaluate marketing opportunities	70
BSBSUS501	Develop workplace policy and procedures for sustainability	50
CPCCSV5011A	Apply building codes and standards to residential buildings	36
CPCCSV5012A	Assess timber-framed designs for one and two storey buildings	36
FWPTMM4202	Diagnose and calculate production costs	80
FWPCOT5203	Manage installation and commissioning of equipment	250
FWPTMM5201	Assess product feasibility of designs	100
FWPTMM5203	Generate and transfer complex computer-aided drawings and specifications	150
FWPTMM5204	Manage product design	180
FWPTMM5206	Plan production	200
MSS405031A	Undertake value analysis of product or process costs in terms of customer requirements	60
MSS015011	Conduct a sustainability energy audit	40

<b>Occupation / Work Function</b>	Designer (Timber truss and frame)	
<b>Qualification Title</b>	Diploma of Timber Truss and Frame Design	
<b>Qualification Code</b>	FWP50316	
<b>Description</b>	Appropriate for a person employed in senior capacity in a Truss and Frame sector of the forest and wood products industry as a Designer (Timber Truss and Frame).	
<b>Unit Code</b>	<b>Unit Title</b>	<b>Hours</b>
<b>Core</b>		
BSBCUS501	Manage quality customer service	40
BSBMGT502	Manage people performance	70
BSBMGT516	Facilitate continuous improvement	60
BSBWHS503	Contribute to the systematic management of WHS risk	40
BSBWOR501	Manage personal work priorities and professional development	60
<b>Electives</b>		
FWPTMM5201	Assess product feasibility of designs	100
FWPTMM5203	Generate and transfer complex computer-aided drawings and specifications	150
CPCCSV5011A	Apply building codes and standards to residential buildings	36
CPCCSV5012A	Assess timber-framed designs for one and two storey buildings	36
FWPTMM5204	Manage product design	180
BSBINM501	Manage an information or knowledge management system	50
BSBMKG501	Identify and evaluate marketing opportunities	70
MSS402030	Apply cost factors to work practices	40
CPCCSV5015A	Assess structural requirements for domestic scale buildings	72
MSS404052A	Apply statistics to operational processes	40
MSS405031A	Undertake value analysis of product or process costs in terms of customer requirements	60
MSAPMSUP390A	Use structured problem solving tools	40
MSS405075A	Facilitate the development of a new product	80
FWPTMM5202	Develop, trial and evaluate prototypes	150



<b>Occupation / Work Function</b>	District Forester/Senior Forester/Plantation Manager	
<b>Qualification Title</b>	Advanced Diploma of Forest Industry Sustainability	
<b>Qualification Code</b>	FWP60116	
<b>Description</b>	A person working in this job role will be overseeing the total operation of a forest or plantation area. They will have extensive supervisory and management responsibilities in addition to their forest stewardship role.	
<b>Unit Code</b>	<b>Unit Title</b>	<b>Hours</b>
<b>Core</b>		
FWPCOR6201	Manage sustainability in the workplace	120
FWPCOR6202	Implement practices to maximise value from wood residues	80
<b>Electives</b>		
BSBFIM501	Manage budgets and financial plans	70
BSBINN601	Lead and manage organisational change	60
BSBMGT616	Develop and implement strategic plans	80
FWPCOT6207	Develop forest management systems and processes	180
FWPCOT5201	Implement sustainable forestry practices	120
FWPCOT8101	Lead forest and wood products industry innovative thinking and practice	80
FWPCOT6202	Develop and manage a forestry chain of custody certification process for the workplace	120
FWPFGM6203	Manage sustainable tree inventory	150

## CONTACTS AND LINKS

<b>Curriculum Maintenance Manager (CMM)</b>		
Primary Industries	The CMM Service is provided by Executive Officers, across all industry areas covered by Training Packages.  They can assist with questions on payable and nominal hours.	Kate Bryce Address: Melbourne Polytechnic, Fairfield Campus Yarra Bend Rd, Fairfield, VIC 3078 (03) 9269 1391 Email <a href="#">here</a>
<b>Skills Service Organisation (SSO)</b>		
Skills Impact	This SSO is responsible for developing this ACM Animal Care and Management <b>Training Package</b> , companion volumes and support material and can be contacted for further information.	The SSO website can be found <a href="#">here</a>
<b>National Register for VET in Australia</b>		
Training.gov.au (TGA)	TGA is the Australian government's official National Register of information on Training Packages, Accredited Courses, qualifications, units of competency and RTOs.	National Register website can be found <a href="#">here</a> .
<b>Australian Government</b>		
Department of Education and Training	The Commonwealth Department is responsible for national policies and programmes that help Australians access quality vocational education and training.	The Commonwealth Department of Education and Training website can be found <a href="#">here</a>
<b>Victorian State Government</b>		
Department of Education and Training (DET)	DET is responsible for funding and the implementation of Vocational Education and Training (VET) in Victoria, including Apprenticeships and Traineeships policy.	(03) 9637 2000 The Victorian Department of Education and Training website can be found <a href="#">here</a>
<b>National VET Regulatory Authority</b>		
Australian Skills Quality Authority (ASQA)	ASQA is the national regulator for Australia's VET sector.	Info line: 1300 701 801 ASQA's website can be found <a href="#">here</a>
<b>Victorian State VET Regulatory Authority</b>		
Victorian Registration and Qualifications Authority (VRQA)	The VRQA is a statutory authority responsible for the registration and regulation of Victorian RTOs and for the regulation of apprenticeships and traineeships in Victoria.	(03) 9637 2806 VRQA's website can be found <a href="#">here</a>

Industry Regulatory Bodies applicable to this Training Package		
Australian Timber Trainers Association Ltd	The Australian Timber Trainers Association (ATTA) is a national network of trainers and assessors in the forest and forest products industry. Members come from all states and territories in Australia, and represent private registered training organisations, TAFE colleges, partnerships and industry consultancies.	Postal Address: PO Box 2007 Mandurah, WA, 6210  Email <a href="#">here</a>  ATTA website can be found <a href="#">here</a>
Department of Environment, Land, Water and Planning – Forests and Reserves	Manage Victoria's parks and reserves, state forests, waterways, coasts and marine environments, with Parks Victoria, VicForests, water authorities and committees of management.	DELWP general enquiries: 136 186  Vic Emergency Hotline: <b>1800 226 226</b>  Local Government Switchboard: 03 9208 3333  DELWP website can be found <a href="#">here</a>
Parks Victoria	Parks Victoria is a statutory authority responsible for managing the State's parks, reserves, waterways and other public land including a representative system of terrestrial and marine national parks and marine sanctuaries.	Level 10, 535 Bourke Street Melbourne Victoria 3000 AUSTRALIA  (03) 8427 2001  Parks Victoria website can be found <a href="#">here</a>
VicForests	VicForests is a State-owned business responsible for the sustainable harvest, regrowing and commercial sale of timber from public forests on behalf of the Victorian Government.	(03) 9608 9500  VicForests website can be found <a href="#">here</a>
WorkSafe Victoria	WorkSafe needs to provide written verification before High Risk Work Units are added to an RTO's scope of registration.	24 hour emergency line: <b>13 23 60</b>  (03) 9641 1555  WorkSafe Victoria's website can be found <a href="#">here</a>



**GLOSSARY**

<b>Code</b>	Nationally endorsed Training Package qualification code.
<b>Title</b>	Nationally endorsed Training Package qualification title.
<b>Unit Code</b>	Nationally endorsed Training Package unit of competency code.
<b>Unit Title</b>	Nationally endorsed Training Package unit of competency title.
<b>Payable Hours</b>	The maximum number of hours the Victorian Government will subsidise under the Victorian Training Guarantee for the achievement of the minimum realistic vocational outcome of any qualification, as determined by the qualification packaging rules. The maximum payable hours do not cover every possible combination of core and elective units available for a specific qualification.
<b>Nominal Hours</b>	Nominal hours reflect the anticipated time taken to deliver and assess the outcomes of a unit of competency excluding unsupervised delivery or the time taken for repeated practical application of skills. Nominal hours are determined by the Victorian State Training Authority (DET) and are primarily developed for funding purposes in Victoria.