VICTORIAN PURCHASING GUIDE

FWP FOREST AND WOOD PRODUCTS TRAINING PACKAGE RELEASE 8.0

APRIL 2023



Jobs, Skills, Industry and Regions

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VICTORIAN PURCHASING GUIDE – RELEASE HISTORY

Note: RTOs should refer to the <u>National Register</u> for the detail of changes in each Release.

| | | |
|--|------------------------|---|
| Training Package Release | Date VPG Approved | Comments |
| FWP Forest | 19 April | Release 8.0 includes: |
| and Wood Products Training Package Release 8.0 | 2023 | 6 revised qualifications including two qualifications in timber and wood production operations developed from merged superseded qualifications in sawmilling and processing, and timber manufactured products. The Certificate III in Timber and Wood Products has four new specialisations in timber production. |
| | | 10 new units and 41 revised units relating to sawmilling and timber processing and wood products. 3 deleted units |
| | | |
| FWP Forest | 1 April | Release 7.0 includes: |
| and Wood Products Training Package | 2022 | 7 revised qualifications including 4 revised forest operations qualifications and updates to three others (timber building products, wood machining and saw technology). |
| Release 7.0 | | 29 new units relating to forest operations and 72 revised units relating to forest growing and management, harvesting and haulage and safety in remote forestry operations |
| | | 2 qualifications, 13 units deleted |
| FWP Forest and Wood Products Training | 11 February 2021 | Release 6.0 includes: 5 new and 24 revised units of competency relating to timber harvesting technologies |
| Package Release 6.0 | | 3 revised qualifications, 1 new and 25 revised units of competency relating to timber truss and frame estimating and design |
| | | 1 revised qualification and 7 revised units of competency relating to timber merchandising |
| | | 5 qualifications and two units of competency deleted |
| | | 5 new skill sets |
| FWP Forest | 3 April | Release 5.0 includes: |
| and Wood Products | 2020 | 2 revised qualifications |
| Training Package | | 10 new units of competency including 4 in Advances in Wood Machining and Saw Doctoring and 6 in Sawmill Timber and Process |
| Release 5.0 | | Optimisation) 59 revised units of competency (48 in Advances in Wood Machining and Saw Doctoring and 11 in Sawmill Timber and Process Optimisation 1 unit deleted Minor updates to 7 qualifications, 3 skill sets and 5 units of competency |
| FWP Forest | 17 April | Release 4.0 includes: |
| and Wood Products | 2019 | 4 new units of competency |
| | | 14 revised units of competency |





| Training Package Release | Date VPG Approved | Comments |
|--|----------------------|---|
| Training Package Release 4.0 | | |
| FWP Forest and Wood Products Training Package Release 3.0 | 24 May 2018 | Release 3.0 includes:2 new harvesting and haulage units12 revised units |
| FWP Forest and Wood Products Training Package Release 2.0 | August 2016 | One revised qualification - Cert III in Timber Merchandising One new unit of competency - FWPCOT3269 Provide specialized timber product solutions 303 units of competency, updated to meet the new standards for Training Packages 22 recoded skill sets Updates to safe work practices in selected units of competency |
| FWP Forest and Wood Products Training Package Release 1.0 | August 2016 | One revised qualification 5 new units of competency 24 units of competency updated to meet the new standards for Training Packages Six new skill sets |





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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 Vocational Education and Training (VET) providers who offer courses to domestic students in Victoria only.

ASQA is the regulatory authority responsible for the registration of VET providers who offer training in Victoria, nationally and / or internationally.

Transition

The relationship between new units and any superseded or replaced units from the previous version of FWP Forest and Wood Products Training Package Release 8.0 is provided in the Training Package Companion Volume Implementation Guide. (See VETnet.gov.au for more information).

Information regarding transition arrangements can be obtained from the state or national VET Regulatory Authority (see Contacts and Links section).

RTOs must ensure that all training and assessment leading to issuance of qualifications or Statements of Attainment from the FWP Forest and Wood Products Training Package Release 8.0 is conducted against the Training Package units of competency and complies with the assessment requirements.



QUALIFICATIONS

| Code | Title | Minimum Payable Hours | Maximum Payable Hours |
|----------|--|-----------------------------|-----------------------------|
| FWP20122 | Certificate II in Forest Operations | 546 | 575 |
| FWP20322 | Certificate II in Timber and Wood Products Operations | 470 | 495 |
| FWP30122 | Certificate III in Forest Operations | 1173 | 1235 |
| FWP30322 | Certificate III in Timber and Wood Products Operations | 694 | 730 |
| FWP30622 | Certificate III in Timber Building Products Supply | 565 | 595 |
| FWP30920 | Certificate III in Timber Frame or Truss Manufacture | 394 | 415 |
| FWP31021 | Certificate III in Saw Technology | 993 | 1045 |
| FWP31121 | Certificate III in Wood Machining | 955 | 1005 |
| FWP31220 | Certificate III in Timber Systems Design | 442 | 465 |
| FWP40121 | Certificate IV in Forest Operations | 979 | 1030 |
| FWP40222 | Certificate IV in Timber and Wood Products Operations | 684 | 720 |
| FWP40420 | Certificate IV in Timber Systems Design | 960 | 1010 |
| FWP50121 | Diploma of Forest Operations | 1359 | 1430 |





UNITS OF COMPETENCY AND NOMINAL HOURS

| Unit Code | Unit Title | Nominal Hours |
|------------|---|------------------|
| FWPCOR2206 | Work effectively in the forest and wood products industry | 35 |
| FWPCOR2208 | Communicate and interact effectively in the forest and wood products industry | 40 |
| FWPCOR2209 | Follow environmental protection procedures in forest and wood products operations | 30 |
| FWPCOR2210 | Follow workplace health and safety policies and procedures in forest and wood products operations | 30 |
| FWPCOR2211 | Develop knowledge of the forest and wood products industry | 50 |
| FWPCOR3205 | Apply safety, health and environmental requirements in forest and wood products operations | 80 |
| FWPCOR4204 | Monitor safety, health and environmental requirements in forest and wood products operations | 80 |
| FWPCOR4205 | Monitor and improve forestry operations | 80 |
| FWPCOT2206 | Stack and bind material | 15 |
| FWPCOT2242 | Segregate and sort logs | 30 |
| FWPCOT2243 | Tail out timber product and waste material | 15 |
| FWPCOT2244 | Operate and maintain a thicknesser | 50 |
| FWPCOT2246 | Appearance grade hardwood sawn and milled products | 20 |
| FWPCOT2249 | Visually stress grade hardwood | 20 |
| FWPCOT2250 | Visually stress grade softwood | 20 |
| FWPCOT2251 | Visually stress grade cypress | 20 |
| FWPCOT2254 | Maintain chainsaws | 20 |
| FWPCOT2255 | Store materials | 20 |
| FWPCOT2257 | Use hand-held tools | 20 |
| FWPCOT2258 | Assemble products | 40 |



| Unit Code | Unit Title | Nominal Hours |
|------------|---|------------------|
| FWPCOT2259 | Cut materials with a hand-held chainsaw | 40 |
| FWPCOT2260 | Tally material | 10 |
| FWPCOT2261 | Process orders and prepare for despatch | 30 |
| FWPCOT2262 | Cut material to shape using a saw | 20 |
| FWPCOT2263 | Cross cut materials with a fixed saw | 25 |
| FWPCOT2264 | Follow quality and product care procedures in forest and wood products operations | 20 |
| FWPCOT2265 | Navigate in forest areas | 40 |
| FWPCOT2266 | Operate brush cutter | 40 |
| FWPCOT2267 | Operate mobile hydraulic log splitter | 30 |
| FWPCOT2268 | Cut timber or engineered wood product to length or dimensions | 30 |
| FWPCOT2269 | Operate and maintain a table saw | 25 |
| FWPCOT2270 | Cut wood material with pole saw for unblocking machinery components | 20 |
| FWPCOT2271 | Pack timber or wood products for despatch | 30 |
| FWPCOT2272 | Rack timber or round poles | 15 |
| FWPCOT2273 | Trim and cut felled trees | 40 |
| FWPCOT2274 | Fell trees manually (basic) | 80 |
| FWPCOT3202 | Navigate in remote or trackless areas | 80 |
| FWPCOT3219 | Produce standard truss or frame plans and details using computers | 50 |
| FWPCOT3226 | Assess timber for manufacturing potential | 20 |
| FWPCOT3270 | Grade and mark logs | 50 |
| FWPCOT3271 | Hand sharpen knives and blades for commercial and domestic cutting services | 20 |



| Unit Code | Unit Title | Nominal Hours |
|------------|---|------------------|
| FWPCOT3272 | Set up and run multi-head moulder/planer to produce simple profiles | 40 |
| FWPCOT3273 | Set up and run multi-head moulder to produce complex profiles | 60 |
| FWPCOT3274 | Cut timber products using high-speed optimiser | 35 |
| FWPCOT3275 | Set up, operate and maintain end matching machines | 30 |
| FWPCOT3276 | Sharpen cutters using a straight knife grinder | 20 |
| FWPCOT3277 | Sharpen cutters in head using a profile knife grinder | 40 |
| FWPCOT3278 | Sharpen cutters in head using a straight knife grinder | 20 |
| FWPCOT3279 | Assess and maintain saw technology tools | 30 |
| FWPCOT3280 | Replace saw blades, knives and guides | 40 |
| FWPCOT3281 | Manufacture profile cutters | 40 |
| FWPCOT3282 | Assess and maintain saw blade and sawing machine performance | 40 |
| FWPCOT3283 | Sharpen and position blades or knives in chipper, canter and reducer | 30 |
| FWPCOT3286 | Identify levelling and tensioning requirements for saw blades | 40 |
| FWPCOT3287 | Operate CNC equipment for grinding, tensioning and levelling saw blades | 50 |
| FWPCOT3289 | Load and prove operating program for CNC machine | 50 |
| FWPCOT3290 | Apply knowledge of timber properties, sawmill operations and sawmilling equipment | 50 |
| FWPCOT3291 | Apply principles of timber and process optimisation in sawmill operations | 30 |
| FWPCOT3292 | Calibrate and maintain scanning equipment used in sawmilling operations | 70 |
| FWPCOT3293 | Use scanning equipment for timber grading | 40 |
| FWPCOT3294 | Swage and shape saw blades | 40 |
| FWPCOT3295 | Assess and maintain cutter performance | 40 |



| Unit Code | Unit Title | Nominal Hours |
|------------|--|------------------|
| FWPCOT3297 | Operate automated stacking equipment | 20 |
| FWPCOT3298 | Produce templates | 30 |
| FWPCOT3299 | Cut timber or engineered wood product to profile | 20 |
| FWPCOT3301 | Trim trees using a pole saw | 40 |
| FWPCOT3302 | Access and provide timber and wood product information | 20 |
| FWPCOT3303 | Prepare sketches and drawings | 30 |
| FWPCOT3304 | Take off material quantities | 30 |
| FWPCOT3305 | Interpret and quote from manufactured timber product plans | 60 |
| FWPCOT3306 | Rehabilitate tracks, quarries and landings | 80 |
| FWPCOT3307 | Create drawings using computer aided design software | 30 |
| FWPCOT3308 | Assemble timber wall frames | 40 |
| FWPCOT3309 | Assemble timber roof trusses | 40 |
| FWPCOT3310 | Prepare timber or related products to meet import/export compliance requirements | 60 |
| FWPCOT3311 | Use environmental care procedures to undertake fire salvage operations | 80 |
| FWPCOT3312 | Implement environmentally sustainable work practices in the work area/work site | 60 |
| FWPCOT3313 | Apply biodiversity protection principles | 40 |
| FWPCOT3314 | Comply with soil and water protection | 40 |
| FWPCOT3315 | Transport forestry logs using trucks | 80 |
| FWPCOT3316 | Transport forestry produce using trucks | 80 |
| FWPCOT3317 | Use chainsaw within a tree | 70 |
| FWPCOT3318 | Access, capture and communicate forestry field data using mobile devices | 40 |



| Unit Code | Unit Title | Nominal Hours |
|------------|---|------------------|
| FWPCOT3319 | Read and interpret digital maps and forest operation plans | 25 |
| FWPCOT3320 | Build and maintain timber stacks | 20 |
| FWPCOT3321 | Apply situational awareness and a safety mindset in operational forestry roles | 50 |
| FWPCOT3322 | Apply quality and product care procedures in forest and wood products operations | 20 |
| FWPCOT3323 | Assess wood materials visually | 20 |
| FWPCOT3324 | Apply cultural heritage protection requirements in forest operations | 30 |
| FWPCOT3325 | Operate four wheel drive vehicle on unsealed roads | 40 |
| FWPCOT3326 | Recover four wheel drive vehicle | 25 |
| FWPCOT3327 | Contribute to energy efficiency in the forest and wood products industry | 30 |
| FWPCOT3328 | Operate four wheel drive vehicle in a towing situation | 30 |
| FWPCOT3329 | Perform complex four wheel drive operations | 80 |
| FWPCOT3330 | Apply tree jacking techniques in felling trees | 100 |
| FWPCOT3331 | Cut material using CNC sizing machines | 30 |
| FWPCOT3332 | Machine timber or engineered wood products using CNC machining and processing centres | 30 |
| FWPCOT3333 | Conduct heat plant operations | 60 |
| FWPCOT3334 | Conduct steam boiler operations | 80 |
| FWPCOT3335 | Conduct operator level equipment maintenance in forest and wood products industry | 40 |
| FWPCOT3336 | Coordinate set up and operation of timber finger jointing line | 40 |
| FWPCOT3337 | Operate timber finger jointing line | 20 |
| FWPCOT3338 | Identify glues and gluing systems used in production of wood products | 15 |
| FWPCOT3339 | Grade wood product visually | 80 |



| Unit Code | Unit Title | Nominal Hours |
|------------|---|------------------|
| FWPCOT3340 | Develop knowledge of log yard operations | 35 |
| FWPCOT3341 | Coordinate and monitor wood chip stockpile | 40 |
| FWPCOT3342 | Screen wood chips | 40 |
| FWPCOT3343 | Test wood chips quality | 40 |
| FWPCOT3344 | Transfer wood chips | 40 |
| FWPCOT3345 | Develop knowledge of chain of custody certification requirements for forest and wood products | 40 |
| FWPCOT3346 | Communicate effectively with general public or stakeholders concerned about forest practices | 40 |
| FWPCOT3347 | Fell trees manually (intermediate) | 100 |
| FWPCOT3348 | Fell trees manually (advanced) | 120 |
| FWPCOT3349 | Assess timber against quality requirements and specifications | 35 |
| FWPCOT4201 | Produce complex truss and frame plans and details using computers | 80 |
| FWPCOT4209 | Design timber structures | 80 |
| FWPCOT4210 | Provide specialised timber product solutions | 60 |
| FWPCOT4211 | Monitor stock control procedures | 40 |
| FWPCOT4212 | Implement environmental management practices to a forestry operation site | 120 |
| FWPCOT4213 | Monitor and manage product and service quality in the forest and wood products industry | 80 |
| FWPCOT4214 | Plan for and coordinate quarry operations | 120 |
| FWPCOT4215 | Plan for and coordinate road construction and maintenance | 150 |
| FWPCOT4216 | Plan for and coordinate construction of log landings and snig tracks | 80 |
| FWPCOT4217 | Apply a safety mindset in forestry operations | 80 |
| FWPCOT4218 | Manage business operations of a forestry contractor business | 160 |



| Unit Code | Unit Title | Nominal Hours |
|------------|--|------------------|
| FWPCOT4219 | Manage people practices in a forestry contractor business | 80 |
| FWPCOT4220 | Plan for and coordinate log loading and haulage operations | 100 |
| FWPCOT4221 | Plan for and supervise log yard operations | 40 |
| FWPCOT4222 | Plan for and supervise timber treatment plant operations | 50 |
| FWPCOT4223 | Assess requirements of chain of custody certification scheme for forest and wood products | 50 |
| FWPCOT4224 | Conduct internal audit of chain of custody certification for forest and wood products | 50 |
| FWPCOT4225 | Apply principles of pneumatics and hydraulics to analyse potential equipment failures | 70 |
| FWPCOT5210 | Contribute to establishment and implementation of forest management systems | 180 |
| FWPCOT5211 | Implement forest management certification scheme | 120 |
| FWPCOT5212 | Implement workplace sustainability practices in the forest and wood products industry | 120 |
| FWPCOT5213 | Contribute to and implement a community engagement plan | 100 |
| FWPCOT5214 | Communicate forestry and forest science with stakeholders and the community | 120 |
| FWPCOT5215 | Apply innovative thinking to support forestry best practice | 100 |
| FWPCOT6210 | Develop engineered wood products to meet energy efficient building design needs | 150 |
| FWPFGM3208 | Construct and maintain forest roads and tracks | 120 |
| FWPFIR2001 | Follow fire prevention procedures | 20 |
| FWPFIR2002 | Detect fire in a native forest or plantation | 30 |
| FWPFIR3001 | Assess fire risk | 40 |
| FWPFIR3002 | Apply communication protocols during post-bushfire vegetation clearing and clean-up operations | 40 |
| FWPFIR4001 | Conduct tree hazard assessment post-fire | 40 |



| Unit Code | Unit Title | Nominal Hours |
|------------|---|------------------|
| FWPFOM5001 | Contribute to and implement a forest establishment plan | 180 |
| FWPFOM5002 | Contribute to and implement a forest roading operational plan | 150 |
| FWPFOM5003 | Contribute to and implement a forest harvesting plan | 200 |
| FWPFOM5004 | Contribute to and implement a forest regeneration plan | 160 |
| FWPFOM5005 | Contribute to and implement a biohazard contingency plan | 80 |
| FWPFOM5006 | Implement practices to maximise value from wood residues | 80 |
| FWPFOM5007 | Contribute to and implement a silviculture regime for a plantation | 120 |
| FWPFOM5008 | Contribute to and implement a silviculture regime for native forest | 120 |
| FWPFOM5009 | Contribute to management and monitoring of forestry supply chains | 110 |
| FWPFOM5010 | Apply principles of forest science to optimise forest management practices | 120 |
| FWPFOM5011 | Assist with calculating costs and production targets for forestry operations | 80 |
| FWPFRM5001 | Interpret and use image data in forestry planning and management | 130 |
| FWPFRM5002 | Source information on the contribution of forestry to carbon reduction strategies | 60 |
| FWPFRM5003 | Contribute to and implement a forest inventory program | 150 |
| FWPFRM5004 | Contribute to the planning and conduct of forest valuation | 100 |
| FWPFRM5005 | Contribute to selection and application of forest growth models | 80 |
| FWPFRM5006 | Analyse ecology of commercial native forests and plantations | 150 |
| FWPFRM5007 | Process and interpret harvester and forwarder optimisation data | 80 |
| FWPFRM5008 | Create digital forest operational map | 80 |
| FWPFRM5009 | Create cutting instruction files for forestry harvesters | 60 |
| FWPFRM5010 | Plan unmanned aerial vehicle (UAV) collection of forestry data | 70 |



| Unit Code | Unit Title | Nominal Hours |
|------------|---|------------------|
| FWPFRM5011 | Quality assure forestry data acquisition by unmanned aerial vehicle (UAV) | 60 |
| FWPHAR2201 | Hook up felled trees (choker) | 50 |
| FWPHAR2202 | Perform landing duties (chaser) | 50 |
| FWPHAR2208 | Operate a mobile chipper/mulcher | 30 |
| FWPHAR2209 | Trim and cut harvested trees | 40 |
| FWPHAR2210 | Operate a forest machine simulator in a virtual environment | 60 |
| FWPHAR3202 | Monitor log recovery (rigging slinger) | 200 |
| FWPHAR3203 | Operate integrated or split flail and wood chipper with crane | 200 |
| FWPHAR3204 | Operate split flail and wood chipper fed by mobile machine | 200 |
| FWPHAR3205 | Harvest trees manually (intermediate) | 100 |
| FWPHAR3209 | Harvest trees manually (advanced) | 120 |
| FWPHAR3212 | Operate yarder | 200 |
| FWPHAR3222 | Use on-board computer systems for forwarder | 30 |
| FWPHAR3223 | Use on-board computer systems for single grip harvester | 50 |
| FWPHAR3224 | Operate 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 |
| FWPHAR3232 | Operate harvesting machine with winch-assist system | 100 |



| Unit Code | Unit Title | Nominal Hours |
|------------|---|------------------|
| FWPHAR3234 | Conduct mechanical processor operations | 200 |
| FWPHAR3235 | Conduct mechanically assisted tree falling operations | 150 |
| FWPHAR4206 | Implement environmental management practices in timber harvesting operations | 80 |
| FWPHAR4207 | Conduct a wood volume and yield assessment | 40 |
| FWPHAR4208 | Plan for and coordinate fire salvage operations | 60 |
| FWPHAR4209 | Plan for and coordinate forest harvesting operations | 60 |
| FWPHAR4210 | Plan for and coordinate log recovery (hook tender) | 150 |
| FWPNSY2001 | Collect tree seeds | 40 |
| FWPNSY2002 | Cut, sort and set cuttings | 20 |
| FWPNSY2003 | Follow quality procedures in forest nursery production | 30 |
| FWPNSY2004 | Prick out and transplant tree seedlings | 30 |
| FWPNSY2005 | Apply tree seed treatment | 40 |
| FWPNSY3001 | Graft nursery stock for planting in seed orchard | 30 |
| FWPNSY3002 | Extract, clean, store and despatch tree seeds | 60 |
| FWPNSY3003 | Apply knowledge of tree stock growing in a forest nursery | 40 |
| FWPNSY3004 | Identify, evaluate and mark quality seed trees | 50 |
| FWPNSY3005 | Maintain seed orchard | 80 |
| FWPNSY3006 | Manage mother plants | 80 |
| FWPNSY3007 | Operate automated topping system as part of tree production nursery operations | 40 |
| FWPNSY3008 | Operate automated seed sowing line for containerised forest seedling production | 40 |
| FWPSAW2212 | Assemble materials using nail plates | 20 |
| FWPSAW2212 | Assemble materials using nail plates | 20 |



| Unit Code | Unit Title | Nominal Hours |
|------------|---|------------------|
| FWPSAW2213 | De-stack timber drying racks | 20 |
| FWPSAW2214 | Sort timber boards manually | 20 |
| FWPSAW3232 | Sharpen band saw blades | 40 |
| FWPSAW3233 | Sharpen circular saw blades | 30 |
| FWPSAW3234 | File and set saw blades for hand saws and circular saws | 40 |
| FWPSAW3235 | Recondition saw guides | 40 |
| FWPSAW3236 | Sharpen tipped circular saw blades | 30 |
| FWPSAW3237 | Level and tension circular saw blades | 50 |
| FWPSAW3238 | Replace Stellite tips | 30 |
| FWPSAW3239 | Assess and maintain wide band saw blades | 50 |
| FWPSAW3240 | Assess and maintain band saw wheels | 40 |
| FWPSAW3242 | Treat timber | 40 |
| FWPSAW3244 | Align sawing production systems | 40 |
| FWPSAW3245 | Join band saw blades | 40 |
| FWPSAW3247 | Replace tungsten tips | 30 |
| FWPSAW3251 | Apply principles of blade design to sawing procedures | 40 |
| FWPSAW3252 | Assemble, operate and dismantle a portable sawmill | 60 |
| FWPSAW3253 | Re-saw green timber | 80 |
| FWPSAW3254 | Control and monitor automated green mill saw line | 40 |
| FWPSAW3255 | Operate conventional log breakdown saw line | 80 |
| FWPSAW3256 | Select and saw logs in multi-species operations | 40 |
| FWPSAW3257 | Operate timber drying kiln | 40 |



| Unit Code | Unit Title | Nominal |
|------------|--|---------|
| | | Hours |
| FWPSAW4206 | Monitor output timber for optimum volume and value recovery | 50 |
| FWPSAW4207 | Optimise timber production for volume and value recovery | 60 |
| FWPSAW4208 | Plan for and coordinate timber kiln drying operations | 50 |
| FWPSAW4209 | Plan for and supervise log processing operations | 50 |
| FWPSAW4210 | Plan for and supervise timber dry mill operations | 50 |
| FWPSIL2001 | Select and mark trees for tending operations | 20 |
| FWPSIL2002 | Plant trees by hand | 20 |
| FWPSIL2003 | Prune trees | 30 |
| FWPSIL2004 | Collect forest data or samples for assessment and analysis | 20 |
| FWPSIL2005 | Measure trees | 20 |
| FWPSIL3001 | Apply sustainable silviculture treatments | 40 |
| FWPSIL3002 | Plant trees mechanically | 20 |
| FWPSIL3003 | Use mechanised equipment for forestry site preparation | 80 |
| FWPSIL4001 | Plan for and coordinate forest site preparation operations | 60 |
| FWPSIL4002 | Plan for and coordinate thinning operations in a native forest or plantation | 40 |
| FWPSIL4003 | Plan for and coordinate stem improvement operations | 120 |
| FWPSIL4004 | Plan for and coordinate forest establishment operations | 160 |
| FWPSIL4005 | Plan for and coordinate a stand health and nutrition program | 120 |
| FWPSIL4006 | Plan for and coordinate a pests and diseases assessment | 40 |
| FWPSIL4007 | Plan for and coordinate a regeneration rate assessment | 20 |
| FWPSIL4008 | Plan for and coordinate a forest site assessment | 40 |
| FWPSIL4009 | Plan for and coordinate tending operations in a native forest or plantation | 150 |



| Unit Code | Unit Title | Nominal Hours |
|------------|--|------------------|
| FWPTMM2204 | Machine material | 20 |
| FWPTMM2205 | Cut material to length and angles | 30 |
| FWPTMM3208 | Apply critical workplace processes in the manufacture of prefabricated timber building systems | 50 |
| FWPTMM3209 | Install prefabricated timber building systems on-site | 80 |
| FWPTMM3211 | Manufacture using joinery machines | 40 |
| FWPTMM3212 | Estimate and cost job | 40 |
| FWPTMM3213 | Read and interpret timber truss or wall frame fabrication plans | 30 |
| FWPTMM3214 | Assemble timber floor trusses | 30 |
| FWPTMM3215 | Work effectively in the timber systems design industry | 40 |
| FWPTMM3216 | Plane and sand engineered wood product | 15 |
| FWPTMM3217 | Develop knowledge of plywood or laminated veneer lumber production | 50 |
| FWPTMM3218 | Develop knowledge of veneer preparation in plywood or laminated veneer lumber production | 30 |
| FWPTMM3219 | Develop knowledge of reconstituted wood panel production | 60 |
| FWPTMM3220 | Develop knowledge of glue laminated timber or cross laminated timber production | 60 |
| FWPTMM4209 | Interpret details of timber roof trusses to inform design of plans and production documents | 150 |
| FWPTMM4210 | Interpret details of timber floor systems to inform design of plans and production documents | 150 |
| FWPTMM4211 | Interpret details of timber wall frames to inform design of plans and production documents | 150 |
| FWPTMM4212 | Calculate production costs | 80 |
| FWPTMM4213 | Test finger jointed timber | 25 |
| FWPTMM4214 | Test laminated wood product | 40 |
| FWPTMM4215 | Plan for and coordinate timber product assembly | 40 |



| Unit Code | Unit Title | Nominal Hours |
|------------|--|------------------|
| FWPTMM4216 | Plan for and supervise engineered wood product operations | 80 |
| FWPTMM5202 | Develop, trial and evaluate prototypes | 150 |
| FWPTMM5209 | Determine prefabricated timber building systems designs for compliance, manufacture and installation | 160 |
| FWPTMM5210 | Verify compliance and conformance of prefabricated timber building systems during manufacture | 80 |





CONTACTS AND LINKS

Curriculum Maintenance Manager (CMM) Service

Primary Industries

The CMM Service is provided on behalf of Training Skills and Higher Education.

CMM Service Executive Officers can assist with questions on payable and nominal hours.

Anne Wiltshire

Melbourne Polytechnic Epping Campus ED116A Corner Cooper St &, Dalton Rd, Epping VIC 3076

(03) 9269 1063

Email: annewiltshire@melbournepolytechnic.edu.au

Jobs and Skills Council (JSC) – Skills Insight

As part of the National Industry Engagement Reforms, new Jobs and Skills Councils (JSCs) are being established. At the time of publication, the interim contact details for the JSC is indicated below. For more information see <u>Industry Engagement Reforms - Department of Employment and Workplace</u> <u>Relations, Australian Government (dewr.gov.au)</u>

Skills Insight Level 1, 165 Bouverie Street (PO Box 466) Carlton VIC 3053

Phone 03 9321 3526

Email inquiry@skillsimpact.com.au

JSA Skills Insight website

National Register of VET in Australia - Training.gov.au (TGA)

TGA is the Australian government's official National Register of information on Training Packages, qualifications, courses, units of competency and RTOs. See <u>training.gov.au</u> for more information.

Australian Government - Department of Employment and Workplace Relations (DEWR)

The Commonwealth Department is responsible for national policies and programmes that help Australians access quality vocational education and training. See <u>Skills and Training - DEWR</u> for more information.

State Government - Department of Jobs, Skills, Industry and Regions (DJSIR)

DJSIR (formerly Department of Education and Training) is the State Training Authority responsible for supporting implementation of Vocational Education and Training (VET) in Victoria. See <u>djsir.vic.gov.au</u> for more information. (03) 9637 2000

National VET Regulatory Authority - Australian Skills Quality Authority (ASQA)

ASQA is the national regulator for Australia's VET sector. Info line: 1300 701 801 See <u>asqa.gov.au</u> for more information.

State VET Regulatory Authority - 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 See <u>vrqa.vic.gov.au</u>





INDUSTRY REGULATORY BODIES

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.

8 Nicholson Street, Melbourne Victoria 3000

DELWP office locations

DELWP general enquiries: 136 186

Vic Emergency Hotline: 1800 226 226

Visit <u>DELWP website</u>

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

Phone (03) 8427 2001

Visit Parks Victoria website

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.

GPO Box 191 Melbourne Victoria 3001

VicForests office locations

Phone (03) 9608 9500

Visit VicForests website

WorkSafe Victoria

The industry Regulatory body can provide advice on licensing, legislative or regulatory requirements which may impact on the delivery of training or the issuance of qualifications in this Training Package.

WorkSafe needs to provide written verification before high risk work units can be added to an RTO's scope of registration. <u>info@worksafe.vic.gov.au</u> See <u>worksafe.vic.gov.au</u> for further information.

222 Exhibition Street, Melbourne Victoria 3000

Phone (03) 9641 1444 or

phone 1800 136 089 (toll free)

Email <u>info@worksafe.vic.gov.au</u> and see website <u>worksafe.vic.gov.au</u> for further information.





GLOSSARY

| Code | Nationally endorsed Training Package qualification code. |
|-----------------------|---|
| Title | Nationally endorsed Training Package qualification title. |
| Unit Code | Nationally endorsed Training Package unit code. |
| Unit Title | Nationally endorsed Training Package unit title. |
| Maximum Payable Hours | The maximum number of hours the Victorian Government will subsidise under Skills First funding for the achievement of the minimum realistic vocational outcome of the 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. Minimum payable hours reflect a calculated minimum number of hours that could deliver a minimum realistic vocational outcome, based on efficiencies of contextualisation and integration. |
| Scope of Registration | Scope of registration specifies the AQF qualifications and/or units of competency the training organisation is registered to issue and the industry training and/or assessment services it is registered to provide. |
| Nominal Hours | 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 (DJSIR) and are primarily developed for funding purposes in Victoria. |

