**Victorian Purchasing Guide**

**for**

**FWP Forest and Wood Products
Training Package**

**Release 6.0**

**February 2021**

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Victorian Purchasing Guide ⎯ Release History

**Note**: RTOs should refer to the National Register for the detail of changes made in each Release. (See [National Register](https://training.gov.au/Home/Tga) for more information)

| Training Package Release  | **Date VPGApproved** | Comments |
| --- | --- | --- |
| FWP Forest and Wood Products Training PackageRelease No 6.0 | 11 February 2021 | Release 6.0 includes:* 5 new and 24 revised units of competency relating to timber harvesting technologies.
* 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 and Wood ProductsTraining PackageRelease 5.0 | 3 April 2020 | Release 5.0 includes: * 2 revised qualifications
* 10 new units of competency including 4 in Advances in Wood Machining and Saw Doctoring and 6 in Sawmill Timber and Process 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 and Wood Products Training Package Release 4.0 | 17 April 2019 | Release 4.0 includes:* 4 new units of competency
* 14 revised units of competency
 |
| FWP Forest and Wood Products Training Package Release 3.0 | 24 May 2018 | Release 3.0 includes: * 2 new harvesting and haulage units
* 12 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
 |

**FWP Forest and Wood Products Training Package Release 6.0
Victorian Purchasing Guide**

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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 6.0** is provided in theTraining PackageCompanionVolume Implementation Guide. (See [Companion Volumes](https://vetnet.education.gov.au/Pages/default.aspx) 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 6.0** is conducted against the Training Package units of competency and complies with the assessment requirements.

QUALIFICATIONS

|  |  |  |  |
| --- | --- | --- | --- |
| **Code** | **Title** | **Minimum Payable Hours** | **Maximum Payable Hours** |
| 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 |
| 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 |
| FWP30620 | Certificate III in Timber Building Products Supply | 565 | 595 |
| FWP30920 | Certificate III in Timber Frame or Truss and Manufacture | 395 | 415 |
| FWP31019 | Certificate III in Saw Technology | 995 | 1045 |
| FWP31119 | Certificate III in Wood Machining | 955 | 1005 |
| FWP31220 | Certificate III in Timber system Design | 440 | 465 |
| FWP40116 | Certificate IV in Forest Operations | 1007 | 1060 |
| FWP40216 | Certificate IV in Timber Processing | 732 | 770 |
| FWP40420 | Certificate IV in Timber Systems Design | 960 | 1010 |
| FWP50116 | Diploma of Forest and Forest Products | 1359 | 1430 |
| FWP60116 | Advanced Diploma of Forest Industry Sustainability  | 1007 | 1060 |

UNITS OF COMPETENCY AND NOMINAL HOURS

| 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 |
| FWPCOT2202 | Rack material | 15 |
| FWPCOT2203 | Finish and pack products | 30 |
| FWPCOT2206 | Stack and bind material | 15 |
| FWPCOT2209 | Produce finger jointed timber | 20 |
| FWPCOT2211 | Produce pointed timber products | 20 |
| FWPCOT2220 | Select trees for tending operations | 20 |
| FWPCOT2222 | Produce laminated beams | 40 |
| FWPCOT2225 | Chip or flake wood | 40 |
| FWPCOT2226 | Debark logs mechanically | 20 |
| FWPCOT2231 | Pack products | 30 |
| FWPCOT2233 | Navigate in forest areas | 40 |
| FWPCOT2234 | Dock material to length | 25 |
| FWPCOT2240 | Cut material with a pole saw | 20 |
| FWPCOT2242 | Segregate and sort logs | 30 |
| FWPCOT2243 |  Tail out timber product and waste material | 15 |
| FWPCOT2244 | Operate and maintain a thicknesser | 50 |
| FWPCOT2245 | Operate and maintain a table saw | 20 |
| FWPCOT2246 | Appearance grade hardwood sawn and milled products | 20 |
| FWPCOT2247 | Appearance grade softwood sawn and milled products | 20 |
| FWPCOT2248 | Appearance grade cypress sawn and milled products | 20 |
| FWPCOT2249 | Visually stress grade hardwood | 20 |
| FWPCOT2250 | Visually stress grade softwood | 20 |
| FWPCOT2251 | Visually stress grade cypress | 20 |
| FWPCOT2252 | Band edges of panels | 10 |
| FWPCOT2253 | Fell trees manually (basic)  | 80 |
| FWPCOT2254 | Maintain chainsaws | 20 |
| FWPCOT2255 | Store materials | 20 |
| FWPCOT2256 | Trim and cut felled trees | 40 |
| FWPCOT2257 | Use hand-held tools | 20 |
| FWPCOT2258 | Assemble product | 40 |
| 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 |
| FWPCOT3202 | Navigate in remote or trackless areas | 80 |
| FWPCOT3203 | Weigh loads | 20 |
| FWPCOT3208 | Test strength of joints | 25 |
| FWPCOT3219 | Produce standard truss or frame plans and details using computers | 50 |
| FWPCOT3222 | Present forestry information and interpretations programs | 80 |
| FWPCOT3224 | Plan and monitor equipment maintenance | 40 |
| FWPCOT3226 | Assess timber for manufacturing potential    | 20 |
| FWPCOT3227 | Receive and measure logs | 35 |
| FWPCOT3231 | Operate steam boiler | 70 |
| FWPCOT3232 | Operate heat plant | 60 |
| FWPCOT3234 | Cut material using CNC sizing machines | 30 |
| FWPCOT3235 | Machine material using CNC machining and processing centres | 30 |
| FWPCOT3240 | Grade heavy structural/engineered products | 20 |
| FWPCOT3246 | Test heavy structural/engineered products | 40 |
| FWPCOT3248 | Dry timber in solar assisted kilns | 40 |
| FWPCOT3249 | Select timber preservation techniques | 40 |
| FWPCOT3253 | Convert timber residue into products for further use | 30 |
| FWPCOT3255 | Apply silviculture principles | 40 |
| FWPCOT3257 | Follow cultural heritage requirements | 30 |
| FWPCOT3259 | Operate a four wheel drive on unsealed roads | 40 |
| FWPCOT3260 | Recover four wheel drive vehicles | 20 |
| FWPCOT3263 | Maintain and contribute to energy efficiency | 30 |
| FWPCOT3267 | Mechanically stress-grade engineered wood panels  | 30 |
| FWPCOT3268 | Plane and sand engineered wood products  | 15 |
| FWPCOT3270 | Grade and mark logs | 50 |
| FWPCOT3271 | Hand sharpen knives and blades for commercial and domestic cutting services | 20 |
| 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 |
| FWPCOT3284  | Grade, sort and mark timber materials  | 30 |
| FWPCOT3285  | Apply knowledge of wood technology principles to end use applications  | 35 |
| FWPCOT3286 |  Identify levelling and tensioning requirements for saw blades | 40 |
| FWPCOT3287  | Operate CNC equipment for grinding, tensioning and levelling saw blades | 50 |
| FWPCOT3288  | Set up, operate and maintain finger jointing machines  | 40 |
| 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 |
| FWPCOT3296 | Mechanically stress grade timber  | 30 |
| 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 |
| FWPCOT3319 | Read and interpret digital maps and forest operation plans | 25 |
| FWPCOT3320 | Build and maintain timber stacks | 20 |
| FWPCOT4201 | Produce complex truss and frame plans and details using computers | 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 |
| FWPCOT4209 | Design timber structures | 80 |
| FWPCOT4210 | Provide specialised timber product solutions  | 60 |
| FWPCOT4211 | Monitor stock control procedures | 40 |
| 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 | 120 |
| FWPCOT6204 | Use carbon accounting to estimate emissions | 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 |
| FWPCOT6209 | Manage forest and wood products industry research | 70 |
| FWPCOT6210 | Develop engineered timber products to meet energy efficient building design needs | 150 |
| 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 |
| 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 |
| FWPFGM3208 | Construct and maintain forest roads and tracks | 120 |
| FWPFGM3210 | Patrol forest | 40 |
| FWPFGM3211 | Manage coppice stems | 40 |
| FWPFGM3214 | Operate a four wheel drive in a towing situation | 30 |
| FWPFGM3215 | Perform complex 4x4 operations | 80 |
| FWPFGM3216 | Fell trees manually (intermediate)  | 100 |
| FWPFGM3217 | Fell trees manually (advanced)  | 120 |
| 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 |
| 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 biochar storage system for carbon capture and storage | 150 |
| FWPFGM6203 | Manage sustainable tree inventory | 150 |
| FWPHAR2201 | Hook up felled logs using cables (choker) | 50 |
| FWPHAR2202 | Perform landing duties (chaser) | 50 |
| FWPHAR2205 | Conduct mobile splitting operations | 30 |
| FWPHAR2208 | Operate a mobile chipper/mulcher | 30 |
| FWPHAR2209 | Trim and cut harvested trees | 40 |
| 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 |
| FWPHAR3210 | Conduct mechanical processor operations | 200 |
| FWPHAR3212 | Operate yarder | 200 |
| FWPHAR3213 | Conduct mechanically assisted tree falling operations | 150 |
| 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 |
| FWPHAR3232 | Operate harvesting machine with winch-assist system  | 100 |
| FWPHAR3233 | Use mechanised equipment for forestry site preparation on steep slopes   | 80 |
| 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 |
| FWPSAW2206 | De-stack seasoning racks | 20 |
| FWPSAW2208 | Split wood products | 20 |
| FWPSAW2209 | Dismantle, transport and assemble hand portable sawmill | 50 |
| FWPSAW2210 | Prepare for timber treatment operations | 30 |
| FWPSAW2211 | Round softwood logs  | 20 |
| FWPSAW2212 | Assemble materials using nail plates  | 20 |
| FWPSAW3205 | Dry hardwood | 40 |
| FWPSAW3206 | Dry softwood | 40 |
| 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 |
| FWPSAW3230  | Perform primary log breakdown  | 40 |
| FWPSAW3231 | Perform secondary log breakdown  | 40 |
| 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 |
| FWPSAW3241 | Set up and operate production saws used in sawmill operations | 40 |
| FWPSAW3242 | Treat timber  | 40 |
| FWPSAW3243 | Produce sawn green boards  | 80 |
| FWPSAW3244 | Align sawing production systems  | 40 |
| FWPSAW3245 | Join band saw blades  | 40 |
| FWPSAW3246 | Hard face saw teeth | 30 |
| FWPSAW3247 | Replace tungsten tips  | 30 |
| FWPSAW3248 | Profile saw blanks  | 40 |
| FWPSAW3249 | Saw logs using CNC optimising systems  | 40 |
| FWPSAW3250 | Select and saw logs in multi-species operations  | 40 |
| FWPSAW3251 | Apply principles of blade design to sawing procedures  | 40 |
| FWPSAW4201 | Plan and monitor timber treatment plant operations | 50 |
| FWPSAW4202 | Plan and monitor saw log operations | 50 |
| FWPSAW4203 | Coordinate timber drying operations | 50 |
| FWPSAW4205 | Plan and monitor timber conversion | 50 |
| FWPSAW4206  | Monitor output timber for optimum volume and value recovery | 50 |
| FWPSAW4207  | Optimise timber production for volume and value recovery | 60 |
| 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 |
| FWPTMM3210 | Convert timber  | 40 |
| 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 |
| FWPTMM4203 | Install and commission CNC software | 120 |
| FWPTMM4204 | Sample and test products to specifications | 40 |
| FWPTMM4208 | Construct prototypes and samples for timber structures  | 40 |
| 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 |
| FWPTMM5202 | Develop, trial and evaluate prototypes | 150 |
| FWPTMM5203 | Generate and transfer complex computer-aided drawings and specifications | 150 |
| FWPTMM5205 | Optimise CNC operations | 180 |
| FWPTMM5206 | Plan production | 200 |
| FWPTMM5207 | Assess timber product designs for feasibility  | 100 |
| FWPTMM5208 | Manage timber product design | 180 |
| 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 |
| 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 |
| FWPWPP2211 | Move material by transfer equipment | 30 |
| FWPWPP2212 | Cut panels to profile  | 20 |
| FWPWPP2213 | Cut panels | 20 |
| 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 |
| FWPWPP3207 | Clip veneer | 10 |
| FWPWPP3208 | Punch peg holes in panels | 10 |
| FWPWPP3209 | Prepare resin and additives | 15 |
| 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 |
| FWPWPP3222 | Press laminated ply | 20 |
| FWPWPP3223 | Immunise veneer | 30 |
| FWPWPP3224 | Profile sand products | 15 |
| FWPWPP3225 | Produce profile sanding shoes and wheels | 15 |
| 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 |
| FWPWPP3232 | Operate a heat roll bonding machine to laminate or veneer engineered wood panel surfaces | 15 |
| FWPWPP3233 | Operate a laminating press for engineered wood panels | 20 |
| FWPWPP3234 | Operate a continuous press for the production of engineered wood panels | 40 |
| FWPWPP3235 | Trim new engineered wood panels to size | 20 |
| FWPWPP4202 | Perform laboratory testing | 40 |
| FWPWPP4203 | Plan and coordinate engineered wood panel production | 30 |

CONTACTS AND LINKS

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| **Curriculum Maintenance Manager (CMM)** |
| CMM Primary Industries  | The CMM Service is provided on behalf of Higher Education and Skills.CMM Service Executive Officers can assist with questions on payable and nominal hours. | Anne WiltshireAddress: Melbourne PolytechnicEpping CampusCorner Cooper St &, Dalton Rd, Epping VIC 3076(03) 9269 1063Email: Anne Wiltshire |
| **Service Skills Organisation (SSO)** |
| SSO Skills Impact | This SSO is responsible for developing this **FWP Forest and Wood Products Training Package a**nd can be contacted for further information.  | Phone: (03) 9321 3526Email: inquiry@skillsimpact.com.auSee [SSO website](https://www.skillsimpact.com.au/) for more information. |
| **National Register for 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 the [National Register](http://training.gov.au/) for more information. |
| **Australian Government** |
| Department of Employment, Skills, Small and Family Business  | The Commonwealth Department is responsible for national policies and programmes that help Australians access quality vocational education and training.  | See the [Commonwealth Department of Employment, Skills, Small and Family Business website](https://www.jobs.gov.au/) for more information.  |
| **State Government** |
| Department of Education and Training (DET)  | DET is the State Training Authority responsible for supporting implementation of Vocational Education and Training (VET) in Victoria.  | (03) 9637 2000See the [Victorian Department of Education and Training website](http://www.education.vic.gov.au/) for more information. |
| **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 the [ASQA website](http://www.asqa.gov.au/) for more information. |
| **Victorian 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 the [VRQA website](http://www.vrqa.vic.gov.au/) for more information.  |
| **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. | * DELWP general enquiries: 136 186
* Vic Emergency Hotline: **1800 226 226**

 * Local Government Switchboard: 03 9208 3333
* Visit [DELWP website](https://www.forestsandreserves.vic.gov.au/?_ga=2.221824600.1741164457.1522037124-1055869962.1522037124#navigation)
 |
| 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 StreetMelbourne Victoria 3000 AUSTRALIA
* (03) 8427 2001

Visit [Parks Victoria website](http://parkweb.vic.gov.au/)  |
| 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 9500Visit [VicForests website](http://www.vicforests.com.au/)  |
| 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: **13 23 60**(03) 9641 1555Visit [WorkSafe Victoria’s website](https://www.worksafe.vic.gov.au/)  |

GLOSSARY

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| **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 (DET) and are primarily developed for funding purposes in Victoria. |