**Victorian Purchasing Guide**

**for**

**FPI11 Forest and Forest Products Version No 2 and 2.1**

**November 2013**



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Victorian Purchasing Guide ⎯ Version History

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| --- | --- | --- |
| Training Package Version | Date VPG Approved | Comments |
| FPI11 V2.1 | 15 November 2013 | The new non-equivalent qualifications from Version 2 now have equivalence status to the superseded qualifications   * FPI20111 Certificate II in Forest Growing and Management * FPI20113 Certificate II in Forest Growing and Management * FPI20211 Certificate II in Harvesting and Haulage * FPI20213 Certificate II in Harvesting and Haulage * FPI30111 Certificate III in Forest Growing and Management * FPI30113 Certificate III in Forest Growing and Management * FPI30211 Certificate III in Harvesting and Haulage * FPI30213 Certificate III in Harvesting and Haulage |
| FPI11 V2 | 15 November 2013 | Revision of one non-equivalent qualification due to changes to packaging rules and the removal of one core unit: FPI60113 Advanced Diploma of Forest Industry Sustainability  Revision of 4 non-equivalent qualifications in response to updating superseded core imported unit to (non-equivalent) current version following the addition of new FPI11 units to the qualification elective pool:   * FPI20113 Certificate II in Forest Growing and Management * FPI20213 Certificate II in Harvesting and Haulage * FPI30113 Certificate III in Forest Growing and Management * FPI30213 Certificate III in Harvesting and Haulage   Addition of five new units:   * FPICOT2241 Apply wood and timber product knowledge * FPICOT3261 Transport forestry logs using trucks * FPICOT3262 Transport forestry produce using trucks * FPICOT3263 Maintain and contribute to energy efficiency * FPICOT3264 Build and maintain timber stacks   Addition of two changed and equivalent units:   * FPIFGM5219 Undertake carbon stock sampling of forests and plantations * FPIFGM6203 Manage sustainable tree inventory |
| FPI11 V1 | 1 October 2012 | This Victorian Purchasing Guide FPI11 V1 replaces FPI05 Forest and Forest Products Training Package.  All qualification codes have been updated.  It contains nine revised qualifications, fourteen new units of competency and one revised unit of competency. |
| FPI05 V3 | 16 May 2012 | This Victorian Purchasing guide is an amalgamation of Version 3 and Version 2.1 and reflects the changes to the FPI05 Forest and Forest Products Training Package Version 3 which replaces FPI05 Forest and Forest Products Training Package Version 2.  It has one new qualification:   * FPI60111 Advance Diploma of Forest Industry Sustainability   Seven revised qualifications plus new and revised units of competency. |
| 2.1 |  | Update of units:  **Minor changes to the following units of competency** and a code change from A to B:  The following qualification contains minor text editing:   * FPI30910 Certificate III in Timber Truss and Frame Design and Manufacture |
| Version 2 | 19 August 2011 | This Purchasing Guide reflects the changes to the FPI05 Forestry and Forest Products Training Package Version 2 which replaces FPI05 Forest and Forest Products Training Package Version 1.  It has six new qualifications, minor changes to some units of competency, additional imported units and minor change to the packaging rules of Certificate I in Forest and Forest Products. |

**FPI11 Forest and Forest Products Training Package 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 nominal hour range (minimum-maximum) available for each qualification.
* Nominal hours for each unit of competency within the Training Package.
* Sample Training Programs

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 Quality Framework (AQF).

The VRQA is the regulatory authority for Victoria that registers VET training organisations who provide courses to domestic students only and who only offer training in Victoria.

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** | **Qualification Nominal Hour Range** | |
| --- | --- | --- | --- |
| **Minimum** | **Maximum** |
| FPI10111 | Certificate I in Forest and Forest Products | 195 | 225 |
| FPI20111 | Certificate II in Forest Growing and Management | 343 | 553 |
| FPI20113 | Certificate II in Forest Growing and Management | 343 | 553 |
| FPI20211 | Certificate II in Harvesting and Haulage | 343 | 563 |
| FPI20213 | Certificate II in Harvesting and Haulage | 343 | 563 |
| FPI20311 | Certificate II in Sawmilling and Processing | 290 | 515 |
| FPI20411 | Certificate II in Wood Panel Products | 280 | 475 |
| FPI20511 | Certificate II in Timber Manufactured Products | 330 | 505 |
| FPI20611 | Certificate II in Timber Merchandising | 350 | 445 |
| FPI20711 | Certificate II in Timber Truss and Frame Design and Manufacture | 298 | 475 |
| FPI30111 | Certificate III in Forest Growing and Management | 513 | 1113 |
| FPI30113 | Certificate III in Forest Growing and Management | 513 | 1113 |
| FPI30211 | Certificate III in Harvesting and Haulage | 843 | 1333 |
| FPI30213 | Certificate III in Harvesting and Haulage | 843 | 1333 |
| FPI30311 | Certificate III in Sawmilling and Processing | 455 | 805 |
| FPI30411 | Certificate III in Wood Panel Products | 425 | 695 |
| FPI30511 | Certificate III in Timber Manufactured Products | 363 | 635 |
| FPI30611 | Certificate III in Timber Merchandising | 420 | 545 |
| FPI30711 | Certificate III in Sawdoctoring | 870 | 1030 |
| FPI30811 | Certificate III in Woodmachining | 850 | 1010 |
| FPI30911 | Certificate III in Timber Truss and Frame Design and Manufacture | 413 | 735 |
| FPI40111 | Certificate IV in Forest Operations | 840 | 1230 |
| FPI40211 | Certificate IV in Timber Processing | 605 | 900 |
| FPI40311 | Certificate IV in Timber Truss and Frame Manufacture | 572 | 1360 |
| FPI40411 | Certificate IV in Timber Truss and Frame Design\* | 716 | 1300 |
| FPI50111 | Diploma of Forest and Forest Products | 1020 | 1710 |
| FPI50311 | Diploma of Timber Truss and Frame Manufacture | 942 | 1672 |
| FPI50411 | Diploma of Timber Truss and Frame Design | 1182 | 1538 |
| FPI60113 | Advanced Diploma of Forest Industry Sustainability | 960 | 1110 |

* Nominal hour range for qualification ⎯ includes the units in the qualification and their prerequisites (where the prerequisites can be accommodated within the qualification packaging rules)
* In addition, some qualifications have an entry requirement of specified units or their equivalent. These units have a nominal hour value that is not included in the nominal hours as they are outside the qualification packaging rules.

UNITS OF COMPETENCY AND NOMINAL HOURS

RTOs are advised that there is a mapping inside the Training Package that describes the relationship between new units and superseded or replaced units from the previous version of **FPI05 Forest and Forest Products Training Package.**  Information regarding transition arrangements can be obtained from the state or national VET Regulating Authority (see Contacts and Links section).

You must be sure that all training and assessment leading to qualifications or Statements of Attainment from the **FPI11 Forest and Forest Products Training Package** is conducted against the Training Package units of competency and complies with the requirements in the assessment guidelines.

Listing of the Units of Competency and Nominal Hours

| Unit Code | Unit Title | Nominal Hours |
| --- | --- | --- |
| FPICOR2201B | Work effectively in the forest and forest products industry | 35 |
| FPICOR2202B | Communicate and interact effectively in the workplace | 40 |
| FPICOR2203B | Follow environmental care procedures | 30 |
| FPICOR2204B | Follow fire prevention procedures | 20 |
| FPICOR2205B | Follow OHS policies and procedures | 30 |
| FPICOR2207B | Maintain quality and product care | 20 |
| FPICOR3201B | Implement safety, health and environment policies and procedures | 80 |
| FPICOR3202B | Conduct quality and product care procedures | 20 |
| FPICOR3203B | Evaluate fire potential and prevention | 40 |
| FPICOR3204B | Visually assess materials | 20 |
| FPICOR4201B | Monitor safety, health and environment policies and procedures | 80 |
| FPICOR4202B | Monitor and review forestry operations | 80 |
| FPICOR4203B | Monitor quality and product care procedures | 80 |
| FPICOR6201A | Manage sustainability in the workplace | 120 |
| FPICOR6202A | Implement practices to maximise value from wood residues | 80 |
| FPICOT2201B | Stack and bind material | 15 |
| FPICOT2202B | Rack material | 15 |
| FPICOT2203B | Finish products | 30 |
| FPICOT2205B | Tail out materials | 15 |
| FPICOT2207B | Dress boards and timber | 50 |
| FPICOT2208B | Resaw boards and timber | 20 |
| FPICOT2209B | Produce finger jointed timber | 20 |
| FPICOT2210B | Tally material | 10 |
| FPICOT2211B | Produce pointed timber products | 20 |
| FPICOT2212B | Grade hardwood sawn and milled products | 20 |
| FPICOT2213B | Grade softwood sawn and milled products | 20 |
| FPICOT2214B | Grade cypress sawn and milled products | 20 |
| FPICOT2215B | Visually stress grade hardwood | 20 |
| FPICOT2216B | Visually stress grade softwood | 20 |
| FPICOT2217B | Visually stress grade cypress | 20 |
| FPICOT2218B | Cross-cut materials with a fixed saw | 25 |
| FPICOT2219B | Use hand-held tools | 20 |
| FPICOT2220B | Select trees for tending operations | 20 |
| FPICOT2222B | Produce laminated beams | 40 |
| FPICOT2223B | Segregate and sort logs | 20 |
| FPICOT2224B | Band edges of panels | 10 |
| FPICOT2225B | Chip or flake wood | 40 |
| FPICOT2226B | Debark logs mechanically | 20 |
| FPICOT2227B | Process orders and despatch products | 30 |
| FPICOT2228B | Store materials | 20 |
| FPICOT2229B | Dock material to length | 25 |
| FPICOT2230B | Assemble products | 40 |
| FPICOT2231B | Pack products | 30 |
| FPICOT2232B | Cut material to shape using a saw | 20 |
| FPICOT2233B | Navigate in forest areas | 40 |
| FPICOT2235A | Assess timber for manufacturing potential | 20 |
| FPICOT2236 | Fall trees manually (Basic) | 80 |
| FPICOT2237A | Maintain chainsaws | 20 |
| FPICOT2238A | Cut materials with a hand-held chainsaw | 40 |
| FPICOT2239A | Trim and cut felled trees | 40 |
| FPICOT2240 | Cut material with a pole saw | 20 |
| FPICOT2241 | Apply wood and timber product knowledge | 20 |
| FPICOT3201B | Hand sharpen knives and blades | 20 |
| FPICOT3202B | Navigate in remote or trackless areas | 80 |
| FPICOT3203B | Weigh loads | 20 |
| FPICOT3204B | Prepare and interpret sketches and drawings | 30 |
| FPICOT3205B | Dress boards using multi-headed machines | 40 |
| FPICOT3206B | Cut material using high speed optimiser | 35 |
| FPICOT3207B | Set up, operate and maintain finger jointing operations | 40 |
| FPICOT3208B | Test strength of joints | 25 |
| FPICOT3209B | Set up, operate and maintain end matching operations | 30 |
| FPICOT3210B | Sharpen cutting tools | 20 |
| FPICOT3211B | Maintain sawdoctoring tools | 30 |
| FPICOT3212B | Replace saws, blades and guides | 40 |
| FPICOT3213B | Manufacture cutting tools | 40 |
| FPICOT3214B | Take off material quantities | 30 |
| FPICOT3215B | Swage and shape saw blades | 40 |
| FPICOT3216B | Assess and maintain saw performance | 40 |
| FPICOT3217B | Assess and maintain cutter performance | 40 |
| FPICOT3218B | Quote and interpret from manufactured timber product plans | 50 |
| FPICOT3219B | Produce standard truss or frame plans and details using computers | 50 |
| FPICOT3220B | Quote and interpret from computerised timber manufactured product plans | 50 |
| FPICOT3221B | Rehabilitate tracks, quarries and landings | 80 |
| FPICOT3222B | Present forestry information and interpretations programs | 80 |
| FPICOT3223B | Grade and mark logs | 40 |
| FPICOT3224B | Plan and monitor equipment maintenance | 40 |
| FPICOT3225B | Mechanically stress grade timber | 30 |
| FPICOT3227B | Receive and measure logs | 35 |
| FPICOT3228B | Plane/sand panels | 15 |
| FPICOT3229B | Mechanically stress grade panels | 30 |
| FPICOT3230B | Operate automated stacking equipment | 20 |
| FPICOT3231B | Operate steam boiler | 70 |
| FPICOT3232B | Operate heat plant | 60 |
| FPICOT3233B | Sharpen and align blades and knives | 30 |
| FPICOT3234B | Cut material using CNC sizing machines | 30 |
| FPICOT3235B | Machine material using CNC machining and processing centres | 30 |
| FPICOT3236B | Co-ordinate stock control procedures | 40 |
| FPICOT3237B | Produce templates | 30 |
| FPICOT3238B | Operate a pole saw | 40 |
| FPICOT3239B | Create drawings using computer aided design systems | 30 |
| FPICOT3240B | Grade heavy structural/engineered products | 20 |
| FPICOT3241B | Assemble timber wall frames | 40 |
| FPICOT3242B | Lay up timber roof trusses | 40 |
| FPICOT3243B | Operate a truss press | 20 |
| FPICOT3244B | Cut material to profile | 20 |
| FPICOT3245B | Grade, sort and mark material | 30 |
| FPICOT3246B | Test heavy structural/engineered products | 40 |
| FPICOT3247B | Select timber for forestry operations | 35 |
| FPICOT3248A | Dry timber in solar assisted kilns | 40 |
| FPICOT3249A | Select timber preservation techniques | 40 |
| FPICOT3250A | Prepare timber to meet import/export compliance requirements | 60 |
| FPICOT3251A | Promote the carbon benefits of wood products | 40 |
| FPICOT3252A | Use environmental care procedures to undertake fire salvage operations | 80 |
| FPICOT3253A | Convert timber residue into products for further use | 30 |
| FPICOT3254A | Implement environmentally sustainable work practices in the work area/work site | 60 |
| FPICOT3255 | Apply silviculture principles | 40 |
| FPICOT3256 | Apply biodiversity protection principles | 40 |
| FPICOT3257 | Follow cultural heritage requirements | 30 |
| FPICOT3258 | Comply with Soil and Water Protection | 40 |
| FPICOT3259 | Operate a four wheel drive on unsealed roads | 40 |
| FPICOT3260 | Recover four wheel drive vehicles | 20 |
| FPICOT3261 | Transport forestry logs using trucks | 80 |
| FPICOT3262 | Transport forestry produce using trucks | 80 |
| FPICOT3263 | Maintain and contribute to energy efficiency | 30 |
| FPICOT3264 | Build and maintain timber stacks | 20 |
| FPICOT4201B | Produce complex truss and frame plans and details using computers | 80 |
| FPICOT4202B | Design timber structures | 80 |
| FPICOT4203B | Plan and co-ordinate product assembly | 40 |
| FPICOT4204B | Schedule and co-ordinate load shifting | 40 |
| FPICOT4205B | Coordinate log debarking operations | 40 |
| FPICOT4206B | Plan and coordinate boiler operations | 60 |
| FPICOT4207B | Plan and coordinate heat plant operations | 60 |
| FPICOT5201B | Implement sustainable forestry packages | 120 |
| FPICOT5202B | Manage forestry information and interpretations programs | 120 |
| FPICOT5203B | Manage installation and commissioning of equipment | 250 |
| FPICOT5204B | Organise enterprise maintenance programs | 100 |
| FPICOT5205A | Develop biohazard contingency plans | 80 |
| FPICOT5206B | Implement Forestry Chain of Custody certification system | 80 |
| FPICOT5207A | Implement sustainability in the workplace | 80 |
| FPICOT5208B | Build and maintain community relationships | 80 |
| FPICOT5209B | Manage tree harvesting to minimise environmental impact | 80 |
| FPICOT6201B | Manage community engagement | 60 |
| FPICOT6202B | Develop and manage a Forestry Chain of Custody certification process for the workplace | 120 |
| FPICOT6203A | Develop engineered timber products to meet energy efficient building | 150 |
| FPICOT6204A | Use carbon accounting to estimate emissions in the workplace | 120 |
| FPICOT6205A | Prepare an enterprise carbon management report | 80 |
| FPICOT6207A | Develop forest management systems and processes | 180 |
| FPIFGM2201B | Collect seed | 40 |
| FPIFGM2202B | Prepare seed bed | 60 |
| FPIFGM2203B | Plant trees by hand | 20 |
| FPIFGM2204B | Plant trees mechanically | 20 |
| FPIFGM2205B | Prune trees | 30 |
| FPIFGM2206B | Collect data or samples for assessment | 20 |
| FPIFGM2207B | Undertake brush cutting operations | 40 |
| FPIFGM2209B | Cut, sort and set cuttings | 20 |
| FPIFGM2210B | Implement animal pest control procedures | 30 |
| FPIFGM2211B | Detect fires | 30 |
| FPIFGM2212B | Graft cuttings | 20 |
| FPIFGM2213B | Process seed | 30 |
| FPIFGM2214B | Maintain visitor sites | 20 |
| FPIFGM2215B | Measure trees | 20 |
| FPIFGM3201B | Manage seed collection | 80 |
| FPIFGM3202B | Extract seed | 20 |
| FPIFGM3203B | Conduct an instrument survey | 60 |
| FPIFGM3206B | Plan and implement non-commercial thinning operations | 40 |
| FPIFGM3207B | Co-ordinate stem improvement | 120 |
| FPIFGM3209B | Construct and maintain forest roads and tracks | 120 |
| FPIFGM3210B | Patrol forest | 40 |
| FPIFGM3211B | Manage coppice stems | 40 |
| FPIFGM3212 | Fall tress manually (Intermediate) | 100 |
| FPIFGM3213 | Fall trees manually (Advanced) | 120 |
| FPIFGM3214 | Operate a four wheel drive in a towing situation | 30 |
| FPIFGM3215 | Perform complex four wheel drive operations | 80 |
| FPIFGM4201B | Implement a forest establishment plan | 160 |
| FPIFGM4202B | Manage stand health | 120 |
| FPIFGM4203C | Design plantations | 180 |
| FPIFGM4204B | Conduct a pests and diseases assessment | 40 |
| FPIFGM4205B | Monitor regeneration rates | 20 |
| FPIFGM4206B | Conduct a wood volume and yield assessment | 40 |
| FPIFGM4207B | Conduct a forest site assessment | 40 |
| FPIFGM4208B | Plan a quarry | 120 |
| FPIFGM4209B | Interpret and use aerial photographs for forest management | 15 |
| FPIFGM4210B | Prepare a tender | 40 |
| FPIFGM5201B | Plan and manage an inventory program | 100 |
| FPIFGM5208B | Manage road construction and maintenance | 150 |
| FPIFGM5210A | Manage tending operations in a native forest | 120 |
| FPIFGM5211A | Co-ordinate stand nutrition | 120 |
| FPIFGM5212A | Manage genetic resources | 200 |
| FPIFGM5213A | Co-ordinate plantation tending operations | 120 |
| FPIFGM5214A | Develop a native forest regeneration plan | 160 |
| FPIFGM5215A | Breed trees | 100 |
| FPIFGM5216A | Manage coupe planning | 200 |
| FPIFGM5217A | Promote plantations as a sustainable form of land use | 80 |
| FPIFGM5219 | Undertake carbon storage sampling of forests and plantations | 60 |
| FPIFGM6201B | Plan a biochar storage system for carbon capture and storage | 150 |
| FPIFGM6203 | Manage sustainable tree inventory | 150 |
| FPIHAR2202A | Harvest trees manually (basic) | 80 |
| FPIHAR2203B | Hook up felled logs using cables (choker) | 50 |
| FPIHAR2204B | Perform landing duties (chaser) | 50 |
| FPIHAR2205B | Conduct mobile splitting operations | 30 |
| FPIHAR2206B | Operate a mobile chipper/mulcher | 30 |
| FPIHAR2207A | Trim and cross cut harvested trees | 40 |
| FPIHAR3201B | Monitor log recovery (rigging slinger) | 200 |
| FPIHAR3206C | Conduct forwarder operations | 200 |
| FPIHAR3207C | Conduct feller buncher operations | 150 |
| FPIHAR3208C | Conduct boom delimber operations | 150 |
| FPIHAR3210C | Conduct mechanical processor operations | 200 |
| FPIHAR3211B | Operate yarder | 200 |
| FPIHAR3213B | Conduct mechanically assisted tree falling operations | 150 |
| FPIHAR3214C | Operate a single grip harvester | 200 |
| FPIHAR3215C | Operate a heavy production mobile chipper | 200 |
| FPIHAR3216A | Conduct forestry operations using crawler tractor | 150 |
| FPIHAR3217A | Conduct skidder operations | 150 |
| FPIHAR3218A | Conduct loader operations | 160 |
| FPIHAR3219A | Conduct excavator operations with grabs | 150 |
| FPIHAR3220 | Harvest trees manually (Intermediate) | 100 |
| FPIHAR3221 | Harvest trees manually (Advanced) | 120 |
| FPIHAR4201B | Apply tree jacking techniques | 100 |
| FPIHAR4202B | Co-ordinate log recovery (hook tender) | 150 |
| FPIHAR4203B | Design log landings and snig tracks | 80 |
| FPIHAR4204B | Plan and co-ordinate fire salvage operations | 60 |
| FPIHAR4205B | Implement harvesting plans | 60 |
| FPIHAR5201B | Design harvesting plans | 200 |
| FPISAW2201B | Grade round poles and debarked logs | 20 |
| FPISAW2202B | Sort boards manually | 20 |
| FPISAW2203B | Sort boards mechanically | 20 |
| FPISAW2204B | Dock boards with mechanical feed | 20 |
| FPISAW2205B | Assemble materials using nail plates | 20 |
| FPISAW2206B | De-stack seasoning racks | 20 |
| FPISAW2207B | Round softwood logs | 20 |
| FPISAW2208B | Split wood products | 20 |
| FPISAW2209B | Dismantle, transport and assemble hand portable sawmill | 50 |
| FPISAW2210C | Prepare for timber treatment operations | 30 |
| FPISAW3201C | Treat timber | 40 |
| FPISAW3202B | Produce sawn green boards | 80 |
| FPISAW3203B | Break down logs | 40 |
| FPISAW3204B | Saw flitches and cants | 40 |
| FPISAW3205B | Dry hardwood | 40 |
| FPISAW3206B | Dry softwood | 40 |
| FPISAW3207B | Sharpen band saws | 40 |
| FPISAW3208B | Sharpen circular saws | 30 |
| FPISAW3209B | Align sawing production systems | 40 |
| FPISAW3210B | File and set saws | 40 |
| FPISAW3211B | Recondition guides | 40 |
| FPISAW3212B | Sharpen tipped circular saws | 30 |
| FPISAW3213B | Level and tension circular saws | 50 |
| FPISAW3214B | Join band saw blades | 40 |
| FPISAW3215B | Screen wood chips | 40 |
| FPISAW3216B | Transfer wood chips | 40 |
| FPISAW3217B | Hard face saw teeth | 30 |
| FPISAW3218B | Replace tungsten tips | 30 |
| FPISAW3219B | Replace stellite tips | 30 |
| FPISAW3220C | Maintain wide band saw blades | 50 |
| FPISAW3221B | Profile saw blanks | 40 |
| FPISAW3222B | Recondition band mill wheels | 40 |
| FPISAW3223B | Assess wood chips | 40 |
| FPISAW3224B | Coordinate and monitor the wood chip stockpile | 40 |
| FPISAW3225B | Maintain frame saw blades | 40 |
| FPISAW3226B | Saw logs using CNC optimising systems | 40 |
| FPISAW3227B | Select and saw logs in multi-species operations | 40 |
| FPISAW3228B | Apply principles of blade design to sawing procedures | 40 |
| FPISAW3229B | Operate a portable sawmill | 60 |
| FPISAW4201B | Plan and monitor timber treatment plant operations | 50 |
| FPISAW4202B | Plan and monitor saw log operations | 50 |
| FPISAW4203B | Coordinate timber drying operations | 50 |
| FPISAW4204B | Plan and monitor board conversion | 50 |
| FPITMM2201B | Cut material to length and angles | 30 |
| FPITMM2202B | Machine material | 20 |
| FPITMM2203A | Read and interpret truss, floor and/or frame fabrication plans | 30 |
| FPITMM3201B | Convert timber | 40 |
| FPITMM3202B | Manufacture using joinery machines | 40 |
| FPITMM3203B | Estimate and cost job | 40 |
| FPITMM3204A | Interpret designs to prepare timber roof truss drawings and documents using computers | 80 |
| FPITMM3205A | Interpret designs to prepare timber floor system drawings and documents using computers | 80 |
| FPITMM3206A | Interpret designs to prepare timber wall frame drawings and documents using computers | 80 |
| FPITMM3207A | Set up timber floor trusses | 30 |
| FPITMM4201B | Construct prototypes and samples | 40 |
| FPITMM4202B | Diagnose and calculate production costs | 80 |
| FPITMM4203B | Install and commission CNC software | 120 |
| FPITMM4204B | Sample and test products to specifications | 40 |
| FPITMM4205A | Prepare and advise on a broad range of timber roof truss details using computers | 150 |
| FPITMM4206A | Prepare and advise on a broad range of timber floor system details using computers | 150 |
| FPITMM4207A | Prepare and advise on a broad range of timber wall frame details using computers | 150 |
| FPITMM5201B | Assess product feasibility of designs | 100 |
| FPITMM5202B | Develop, trial and evaluate prototypes | 150 |
| FPITMM5203B | Generate and transfer complex computer-aided drawings and specifications | 150 |
| FPITMM5204B | Manage product design | 180 |
| FPITMM5205B | Optimise CNC operations | 180 |
| FPITMM5206B | Plan production | 200 |
| FPIWPP2201B | Cut panels | 20 |
| FPIWPP2202B | Surface treat raw board | 20 |
| FPIWPP2203B | Repair veneer and ply | 10 |
| FPIWPP2204B | Repair veneer mechanically | 10 |
| FPIWPP2205B | Prepare chip or fibre blends | 20 |
| FPIWPP2206B | Prepare veneer for ply | 20 |
| FPIWPP2207B | Scarf edges of veneer | 10 |
| FPIWPP2208B | Cut veneer | 10 |
| FPIWPP2209B | Saw products from continuous ply | 10 |
| FPIWPP2210B | Cut panels to profile | 20 |
| FPIWPP2211B | Move material by transfer equipment | 30 |
| FPIWPP3201B | Produce veneer from debarked logs | 50 |
| FPIWPP3202B | Paint panels | 10 |
| FPIWPP3203B | Produce fibre from chips | 25 |
| FPIWPP3204B | Form board | 70 |
| FPIWPP3205B | Match and join veneer | 10 |
| FPIWPP3206B | Laminate and veneer board surfaces | 15 |
| FPIWPP3207B | Clip veneer | 10 |
| FPIWPP3208B | Punch peg holes in panels | 10 |
| FPIWPP3209B | Prepare resin and additives | 15 |
| FPIWPP3210B | Laminate board | 20 |
| FPIWPP3211B | Maintain caul plates and screens | 10 |
| FPIWPP3212B | Dry material | 30 |
| FPIWPP3213B | Heat treat material | 15 |
| FPIWPP3214B | Treat paper | 10 |
| FPIWPP3215B | Cut paper | 10 |
| FPIWPP3216B | Press material using the daylight process | 40 |
| FPIWPP3217B | Process production effluent | 20 |
| FPIWPP3218A | Plan and co-ordinate machining of panels | 30 |
| FPIWPP3219B | Blend and test binding mixes | 30 |
| FPIWPP3220B | Plan and co-ordinate panel painting | 10 |
| FPIWPP3221B | Trim new panels to size | 20 |
| FPIWPP3222B | Press laminated ply | 20 |
| FPIWPP3223B | Immunise veneer | 30 |
| FPIWPP3224B | Profile sand products | 15 |
| FPIWPP3225B | Produce profile sanding shoes and wheels | 15 |
| FPIWPP3226B | Operate a continuous press | 40 |
| FPIWPP3227B | Vacuum paint | 15 |
| FPIWPP3228A | Dry wood flakes | 30 |
| FPIWPP3229B | Classify flake | 15 |
| FPIWPP3230B | Produce decorative veneers | 40 |
| FPIWPP3231B | Produce veneer from prepared flitches | 30 |
| FPIWPP4201B | Plan and co-ordinate panel production | 30 |
| FPIWPP4202B | Perform laboratory testing | 40 |

SAMPLE TRAINING PROGRAMS

A range of Sample Training Plans have been provided to demonstrate the flexibility of qualifications contained in the **Code Title Training Package**, but are by no means mandatory.

|  |  |  |
| --- | --- | --- |
| Occupation / Work Function | Dump Person (Log landing worker) | |
| Qualification Title | Certificate II in Harvesting and Haulage | |
| Qualification Code | FPI20211 | |
| Description | Appropriate for a person employed to operate on a log landing in a forest- harvesting coupe. | |
| Unit Code | Unit Title | Hours |
| *Core* |  |  |
| FPICOR2201B | Work effectively in the forest and forest products industry | 35 |
| FPICOR2202B | Communicate and interact effectively in the workplace | 40 |
| FPICOR2203B | Follow environmental care procedures | 30 |
| FPICOR2204B | Follow fire prevention procedures | 20 |
| FPICOR2205B | Follow OHS policies and procedures | 30 |
| FPICOR2207B | Maintain quality and product care | 18 |
| HLTFA301C | Apply first aid | 18 |
| *Electives* |  |  |
| FPIHAR2207A | Trim and cross-cut harvested trees | 40 |
| PUAOPE002B | Operate communications systems and equipment | 30 |
| PUATEA001B | Work in a team | 20 |
| FPICOT2223B | Segregate and sort logs | 20 |
| FPICOT2237A | Maintain chainsaws | 20 |
| FPICOT2233B | Navigate in forest areas | 40 |
| FPICOT3259 | Operate a four wheel drive on unsealed roads | 40 |
| FPICOT3223B | Grade and mark logs | 40 |
| Total Hours |  | **441** |

|  |  |  |
| --- | --- | --- |
| Occupation / Work Function | Dump Person (Log landing worker) | |
| Qualification Title | Certificate II in Harvesting and Haulage | |
| Qualification Code | FPI20213 | |
| Description | Appropriate for a person employed to operate on a log landing in a forest- harvesting coupe. | |
| Unit Code | Unit Title | Hours |
| *Core* |  |  |
| FPICOR2201B | Work effectively in the forest and forest products industry | 35 |
| FPICOR2202B | Communicate and interact effectively in the workplace | 40 |
| FPICOR2203B | Follow environmental care procedures | 30 |
| FPICOR2204B | Follow fire prevention procedures | 20 |
| FPICOR2205B | Follow OHS policies and procedures | 30 |
| FPICOR2207B | Maintain quality and product care | 18 |
| HLTFA311A | Apply first aid | 18 |
| *Electives* |  |  |
| FPIHAR2207A | Trim and cross-cut harvested trees | 40 |
| PUAOPE002B | Operate communications systems and equipment | 30 |
| PUATEA001B | Work in a team | 20 |
| FPICOT2223B | Segregate and sort logs | 20 |
| FPICOT2237A | Maintain chainsaws | 20 |
| FPICOT2233B | Navigate in forest areas | 40 |
| FPICOT3259 | Operate a four wheel drive on unsealed roads | 40 |
| FPICOT3223B | Grade and mark logs | 40 |
| Total Hours |  | **441** |

|  |  |  |
| --- | --- | --- |
| Occupation / Work Function | Laminated Beam Assembler | |
| Qualification Title | Certificate II in Timber Manufactured Products | |
| Qualification Code | FPI20511 | |
| Description | Appropriate for a person employed to assemble glue-laminated beams in a manufacturing plant. | |
| Unit Code | Unit Title | Hours |
| *Core* |  |  |
| FPICOR2201B | Work effectively in the forest and forest products industry | 35 |
| FPICOR2202B | Communicate and interact effectively in the workplace | 40 |
| FPICOR2203B | Follow environmental care procedures | 30 |
| FPICOR2205B | Follow OHS policies and procedures | 30 |
| FPICOR2207B | Maintain quality and product care | 20 |
| *Electives* |  |  |
| FPICOT2207B | Dress boards and timber | 50 |
| FPICOT2203B | Finish products | 30 |
| FPICOT2229B | Dock material to length | 25 |
| FPICOT2215B | Visually stress grade hardwood | 20 |
| FPICOT2230B | Assemble products | 40 |
| FPICOT2222B | Produce laminated beams | 40 |
| FPICOT2219B | Use hand-held tools | 20 |
| FPICOT2231B | Pack products | 30 |
| Total Hours |  | **410** |

|  |  |  |
| --- | --- | --- |
| Occupation / Work Function | Frame Assembler | |
| Qualification Title | Certificate II in Timber Truss and Frame Design and Manufacture | |
| Qualification Code | FPI20711 | |
| Description | Appropriate for a person employed to manufacture trusses and/or frames in a manufacturing plant. | |
| Unit Code | Unit Title | Hours |
| *Core* |  |  |
| FPICOR2201B | Work effectively in the forest and forest products industry | 35 |
| FPICOR2202B | Communicate and interact effectively in the workplace | 40 |
| FPICOR2203B | Follow environmental care procedures | 30 |
| FPICOR2205B | Follow OHS policies and procedures | 30 |
| FPICOR2207B | Maintain quality and product care | 20 |
| FPICOT2219B | Use hand-held tools | 20 |
| FPICOT2235A | Assess timber for manufacturing potential | 20 |
| *Electives* |  |  |
| FPICOT2229B | Dock material to length | 25 |
| FPISAW2205B | Assemble materials using nail plates | 20 |
| FPITMM2201B | Cut material to length and angles | 30 |
| FPITMM2203A | Read and interpret timber truss, floor and/or frame fabrication plans | 30 |
| TLID20101A | Operate a forklift | 40 |
| FPICOT3242B | Lay up timber roof trusses | 40 |
| Total Hours |  | **380** |

|  |  |  |
| --- | --- | --- |
| Occupation / Work Function | Plantation/Forest Maintenance Worker | |
| Qualification Title | Certificate III in Forest Growing and Management | |
| Qualification Code | FPI30111 | |
| Description | Appropriate for a person employed to conduct daily maintenance and control work around plantations. | |
| Unit Code | Unit Title | Hours |
| *Core* |  |  |
| BSBFLM312C | Contribute to team effectiveness | 40 |
| FPICOR2201B | Work effectively in the forest and forest products industry | 35 |
| FPICOR2202B | Communicate and interact effectively in the workplace | 40 |
| FPICOR3201B | Implement safety, health and environment policies and procedures | 80 |
| FPICOR3203B | Evaluate fire potential and prevention | 40 |
| HLTFA301B | Apply first aid | 18 |
| *Electives* |  |  |
| RIIMPO319A | Conduct backhoe/loader operations | 200 |
| FPICOT3223B | Grade and mark logs | 40 |
| FPIFGM3212 | Fall trees manually (intermediate) | 100 |
| FPIFGM3213 | Fall trees manually (advanced) | 120 |
| AHCPMG301A | Control weeds | 70 |
| AHCPMG302A | Control plant pests, diseases and disorders | 80 |
| RIIVEH305A | Operate and maintain a four wheel drive vehicle | 40 |
| Total Hours |  | **903** |

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| --- | --- | --- |
| Occupation / Work Function | Plantation/Forest Maintenance Worker | |
| Qualification Title | Certificate III in Forest Growing and Management | |
| Qualification Code | FPI30113 | |
| Description | Appropriate for a person employed to conduct daily maintenance and control work around plantations. | |
| Unit Code | Unit Title | Hours |
| *Core* |  |  |
| BSBFLM312C | Contribute to team effectiveness | 40 |
| FPICOR2201B | Work effectively in the forest and forest products industry | 35 |
| FPICOR2202B | Communicate and interact effectively in the workplace | 40 |
| FPICOR3201B | Implement safety, health and environment policies and procedures | 80 |
| FPICOR3203B | Evaluate fire potential and prevention | 40 |
| HLTFA311A | Apply first aid | 18 |
| *Electives* |  |  |
| RIIMPO319A | Conduct backhoe/loader operations | 200 |
| FPICOT3223B | Grade and mark logs | 40 |
| FPIFGM3212 | Fall trees manually (intermediate) | 100 |
| FPIFGM3213 | Fall trees manually (advanced) | 120 |
| AHCPMG301A | Control weeds | 70 |
| AHCPMG302A | Control plant pests, diseases and disorders | 80 |
| RIIVEH305A | Operate and maintain a four wheel drive vehicle | 40 |
| Total Hours |  | **903** |

|  |  |  |
| --- | --- | --- |
| Occupation / Work Function | Manual Harvesting Operator | |
| Qualification Title | Certificate III in Harvesting and Haulage | |
| Qualification Code | FPI30211 | |
| Description | Appropriate for a person working in a forest-harvesting coupe in the Harvesting and Haulage sector. | |
| Unit Code | Unit Title | Hours |
| *Core* |  |  |
| BSBFLM312C | Contribute to team effectiveness | 40 |
| FPICOR2201B | Work effectively in the forest and forest products industry | 35 |
| FPICOR2202B | Communicate and interact effectively in the workplace | 40 |
| FPICOR3201B | Implement safety, health and environment policies and procedures | 80 |
| FPICOR3202B | Conduct quality and product care procedures | 20 |
| FPICOR3203AB | Evaluate fire potential and prevention | 40 |
| HLTFA301B | Apply first aid | 18 |
| *Electives* |  |  |
| FPIHAR3220 | Harvest trees manually (intermediate) | 100 |
| FPIHAR3206C | Conduct forwarder operations | 200 |
| FPIHAR3214C | Operate a single grip harvester | 200 |
| FPIHAR3217A | Conduct skidder operations | 150 |
| FPICOT2237A | Maintain chainsaws | 20 |
| FPIHAR2207A | Trim and cut harvested trees | 40 |
| Total Hours |  | **983** |

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| --- | --- | --- |
| Occupation / Work Function | Manual Harvesting Operator | |
| Qualification Title | Certificate III in Harvesting and Haulage | |
| Qualification Code | FPI30213 | |
| Description | Appropriate for a person working in a forest-harvesting coupe in the Harvesting and Haulage sector. | |
| Unit Code | Unit Title | Hours |
| *Core* |  |  |
| BSBFLM312C | Contribute to team effectiveness | 40 |
| FPICOR2201B | Work effectively in the forest and forest products industry | 35 |
| FPICOR2202B | Communicate and interact effectively in the workplace | 40 |
| FPICOR3201B | Implement safety, health and environment policies and procedures | 80 |
| FPICOR3202B | Conduct quality and product care procedures | 20 |
| FPICOR3203AB | Evaluate fire potential and prevention | 40 |
| HLTFA311A | Apply first aid | 18 |
| *Electives* |  |  |
| FPIHAR3220 | Harvest trees manually (intermediate) | 100 |
| FPIHAR3206C | Conduct forwarder operations | 200 |
| FPIHAR3214C | Operate a single grip harvester | 200 |
| FPIHAR3217A | Conduct skidder operations | 150 |
| FPICOT2237A | Maintain chainsaws | 20 |
| FPIHAR2207A | Trim and cut harvested trees | 40 |
| Total Hours |  | **983** |

|  |  |  |
| --- | --- | --- |
| Occupation / Work Function | Mill Plant Process Operator (Wood chipping) | |
| Qualification Title | Certificate III in Sawmilling & Processing | |
| Qualification Code | FPI30311 | |
| Description | Appropriate for a person working in a wood chipping plant in the Sawmilling and Processing sector. | |
| Unit Code | Unit Title | Hours |
| *Core* |  |  |
| BSBFLM312C | Contribute to team effectiveness | 40 |
| FPICOR2201B | Work effectively in the forest and forest products industry | 35 |
| FPICOR2202B | Communicate and interact effectively in the workplace | 40 |
| FPICOR3201B | Implement safety, health and environment policies and procedures | 80 |
| FPICOR3202B | Conduct quality and product care procedures | 20 |
| FPICOR3204B | Visually assess materials | 20 |
| *Electives* |  |  |
| FPICOT3203B | Weigh loads | 20 |
| FPICOT3233B | Sharpen and align blades and knives | 30 |
| FPISAW3215B | Screen wood chips | 40 |
| FPISAW3216B | Transfer wood chips | 40 |
| FPISAW3223B | Assess wood chips | 40 |
| FPISAW3224B | Co-ordinate and monitor the wood chip stockpile | 40 |
| FPIHAR3218A | Conduct loader operations | 160 |
| Total Hours |  | **645** |

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| --- | --- | --- |
| Occupation / Work Function | Sawyer | |
| Qualification Title | Certificate III in Sawmilling and Processing | |
| Qualification Code | FPI30311 | |
| Description | Appropriate for a person employed as a sawyer/high-tech sawing specialist. | |
| Unit Code | Unit Title | Hours |
| *Core* |  |  |
| BSBFLM312C | Contribute to team effectiveness | 40 |
| FPICOR2201B | Work effectively in the forest and forest products industry | 35 |
| FPICOR2202B | Communicate and interact effectively in the workplace | 40 |
| FPICOR3201B | Implement safety, health and environment policies and procedures | 80 |
| FPICOR3202B | Conduct quality and product care procedures | 20 |
| FPICOR3204B | Visually assess materials | 20 |
| *Electives* |  |  |
| FPISAW3202B | Produce sawn green boards | 80 |
| FPISAW3204B | Saw flitches and cants | 40 |
| FPICOT3245B | Grade, sort and mark material | 30 |
| FPISAW3226B | Saw logs using CNC optimising systems | 40 |
| BSBFLM303C | Contribute to effective workplace relationships | 40 |
| FPISAW2204B | Dock boards with mechanical feed | 20 |
| FPICOT3247B | Select timber for forestry operations | 35 |
| Total Hours |  | **520** |

|  |  |  |
| --- | --- | --- |
| Occupation / Work Function | Timber Drying Operations | |
| Qualification Title | Certificate III in Sawmilling & Processing | |
| Qualification Code | FPI30311 | |
| Description | Appropriate for a person working with high tech softwood in the Sawmilling and Processing sector. | |
| Unit Code | Unit Title | Hours |
| *Core* |  |  |
| BSBFLM312C | Contribute to team effectiveness | 40 |
| FPICOR2201B | Work effectively in the forest and forest products industry | 35 |
| FPICOR2202B | Communicate and interact effectively in the workplace | 40 |
| FPICOR3201B | Implement safety, health and environment policies and procedures | 80 |
| FPICOR3202B | Conduct quality and product care procedures | 20 |
| FPICOR3204B | Visually assess materials | 20 |
| ***Electives*** |  |  |
| FPICOT3231B | Operate steam boiler | 70 |
| FPISAW3201B | Dry softwood | 40 |
| FPICOT3245B | Grade, sort and mark material | 30 |
| FPICOT3232B | Operate heat plant | 60 |
| AHCCHM303A | Prepare and apply chemicals | 70 |
| FPICOT3224B | Plan and monitor equipment maintenance | 40 |
| TLID20101A | Operate a forklift | 40 |
| Total Hours |  | **585** |

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| --- | --- | --- |
| Occupation / Work Function | Lathe Operator | |
| Qualification Title | Certificate III in Wood Panelling Products | |
| Qualification Code | FPI30411 | |
| Description | Appropriate for a person working as Lathe Operator in the Wood Panelling industry. | |
| Unit Code | Unit Title | Hours |
| *Core* |  |  |
| BSBFLM312C | Contribute to team effectiveness | 40 |
| FPICOR2201B | Work effectively in the forest and forest products industry | 35 |
| FPICOR2202B | Communicate and interact effectively in the workplace | 40 |
| FPICOR3201B | Implement safety, health and environment policies and procedures | 80 |
| FPICOR3202B | Conduct quality and product care procedures | 20 |
| FPICOR3204B | Visually assess materials | 20 |
| ***Electives*** |  |  |
| FPICOT3227A | Receive and measure logs | 35 |
| FPIWPP3204B | Form board | 70 |
| FPISAW3226B | Saw logs using CNC optimising systems | 40 |
| FPIWPP3201B | Produce veneer from debarked logs | 50 |
| FPICOT3212B | Replace saws, blades and guides | 40 |
| FPICOT3216B | Assess and maintain cutter performance | 40 |
| TLID3043B | Shift loads using gantry equipment | 80 |
| Total Hours |  | **590** |

|  |  |  |
| --- | --- | --- |
| Occupation / Work Function | Laminated Beam Machinist | |
| Qualification Title | Certificate III in Timber Manufactured Products | |
| Qualification Code | FPI30511 | |
| Description | Appropriate to a person employed to work in a timber lamination business. | |
| Unit Code | Unit Title | Hours |
| *Core* |  |  |
| BSBFLM312C | Contribute to team effectiveness | 40 |
| FPICOR2201B | Work effectively in the forest and forest products industry | 35 |
| FPICOR2202B | Communicate and interact effectively in the workplace | 40 |
| FPICOR3201B | Implement safety, health and environment policies and procedures | 80 |
| FPICOR3202B | Conduct quality and product care procedures | 20 |
| FPICOR3204B | Visually assess material | 20 |
| *Electives* |  |  |
| FPICOT3212B | Replace saws, blades and guides | 40 |
| FPICOT3205B | Dress boards using multi-headed machines | 40 |
| FPICOT3208B | Test strength of joints | 25 |
| FPICOT3207B | Set up, operate and maintain finger jointing operations | 40 |
| FPICOT322B | Plane/sand panels | 15 |
| FPICOT3236B | Coordinate stock control procedures | 40 |
| BSBINM301A | Organise workplace information | 30 |
| Total Hours |  | **465** |

|  |  |  |
| --- | --- | --- |
| Occupation / Work Function | Timber Sales Representative | |
| Qualification Title | Certificate III in Timber Manufactured Products | |
| Qualification Code | FPI30511 | |
| Description | Appropriate to a person employed to work in a wholesale or timber trade supplies store. | |
| Unit Code | Unit Title | Hours |
| *Core* |  |  |
| BSBFLM312C | Contribute to team effectiveness | 40 |
| FPICOR2201B | Work effectively in the forest and forest products industry | 35 |
| FPICOR3202B | Conduct quality and product care procedures | 20 |
| SIRXSLS004A | Build relationships with customers | 35 |
| SIRRRPK014A | Recommend specialised products and services | 35 |
| FPICOR3201B | Implement safety, health and environment policies and procedures | 80 |
| *Electives* |  |  |
| SIRXINV002A | Maintain and order stock | 35 |
| SIRXRSK002A | Maintain store security | 20 |
| FPICOT3236B | Coordinate stock control procedures | 40 |
| TLIA3018A | Organise despatch operations | 40 |
| BSBCMM301B | Process customer complaints | 30 |
| BSBFLM303C | Contribute to effective workplace relationships | 40 |
| TLIA2012A | Pick and process orders | 20 |
| Total Hours |  | **470** |

|  |  |  |
| --- | --- | --- |
| Occupation / Work Function | Saw Doctor | |
| Qualification Title | Certificate III in Sawdoctoring | |
| Qualification Code | FPI30711 | |
| Description | Appropriate for a person employed to troubleshoot and maintain saws and sawing equipment. | |
| Unit Code | Unit Title | Hours |
| *Core* |  |  |
| BSBFLM312C | Contribute to team effectiveness | 40 |
| FPICOR2201B | Work effectively in the forest and forest products industry | 35 |
| FPICOR2202B | Communicate and interact effectively in the workplace | 40 |
| FPICOT3201B | Implement safety, health and environment policies and procedures | 80 |
| FPICOT3204B | Prepare and interpret sketches and drawings | 30 |
| FPICOT3211B | Maintain sawdoctoring tools | 30 |
| FPICOT3233B | Sharpen and align blades and knives | 30 |
| FPICOT3247B | Select timber for forestry operations | 35 |
| FPISAW3228B | Apply principles of blade design to sawing procedures | 40 |
| MEM05006C | Perform brazing and/or silver soldering | 20 |
| *Electives* |  |  |
| FPICOT3201B | Hand sharpen knives and blades | 20 |
| FPICOT3210B | Sharpen cutting tools | 20 |
| FPICOT3212B | Replace saws, blades and guides | 40 |
| FPICOT3213B | Manufacture cutting tools | 40 |
| FPICOT3215B | Swage and shape saw blades | 40 |
| FPICOT3237B | Produce templates | 30 |
| FPISAW3207B | Sharpen band saws | 40 |
| FPISAW3208B | Sharpen circular saws | 30 |
| FPISAW3212B | Sharpen tipped circular saws | 30 |
| FPISAW3213B | Level and tension circular saws | 50 |
| FPISAW3214B | Join band saw blades | 40 |
| FPISAW3217B | Hard face saw teeth | 30 |
| FPISAW3218B | Replace tungsten tips | 30 |
| FPISAW3219B | Replace stellite tips | 30 |
| FPISAW3220C | Maintain wide band saw blades | 50 |
| MEM05004C | Perform routine oxy acetylene welding | 20 |
| Total Hours |  | **920** |

|  |  |  |
| --- | --- | --- |
| Occupation / Work Function | Wood Machinist | |
| Qualification Title | Certificate III in Woodmachining | |
| Qualification Code | FPI30811 | |
| Description | Appropriate for a person employed to operate, troubleshoot and maintain a range of Woodmachining machinery. | |
| Unit Code | Unit Title | Hours |
| *Core* |  |  |
| BSBFLM312C | Contribute to team effectiveness | 40 |
| FPICOR2201B | Work effectively in the forest and forest products industry | 35 |
| FPICOR2202B | Communicate and interact effectively in the workplace | 40 |
| FPICOR3201B | Implement safety, health and environment policies and procedures | 80 |
| FPICOR3202B | Conduct quality and product care procedures | 20 |
| FPICOT3201B | Hand sharpen knives and blades | 20 |
| FPICOT3204B | Prepare and interpret sketches and drawings | 30 |
| FPICOT3247B | Select timber for forestry operations | 35 |
| FPISAW3228B | Apply principles of blade design to sawing procedures | 40 |
| *Electives* |  |  |
| FPICOT2207B | Dress boards and timber | 50 |
| FPICOT2208B | Resaw boards and timber | 20 |
| FPICOT3205B | Dress boards using multi-headed machines | 40 |
| FPICOT3239B | Create drawings using computer-aided design systems | 30 |
| FPICOT3244B | Cut material to profile | 20 |
| FPITMM2202B | Machine material | 20 |
| FPITMM3202B | Manufacture using joinery machines | 40 |
| FPICOT3210B | Sharpen cutting tools | 20 |
| FPICOT3212B | Replace saws, blades and guides | 40 |
| FPICOT3216B | Assess and maintain saw performance | 40 |
| FPICOT3217B | Assess and maintain cutter performance | 40 |
| FPICOT3233B | Sharpen and align blades and knives | 30 |
| FPICOT3237B | Produce templates | 30 |
| FPICOT2219B | Use hand-held tools | 20 |
| FPICOT2232B | Cut material to shape using a saw | 20 |
| FPICOT3234B | Cut material using CNC sizing machines | 30 |
| FPITMM3201B | Convert timber | 40 |
| FPICOT3235B | Machine material using CNC machining and processing centres | 30 |
| **Total Hours** |  | **900** |

|  |  |  |
| --- | --- | --- |
| Occupation / Work Function | Frame and Truss Estimator Detailer | |
| Qualification Title | Certificate III in Timber Truss and Frame Design and Manufacture | |
| Qualification Code | FPI30911 | |
| Description | Appropriate for a person employed at a junior level to design and prepare truss and/or floor drawings. | |
| Unit Code | Unit Title | Hours |
| *Core* |  |  |
| FPICOR2201B | Work effectively in the forest and forest products industry | 35 |
| FPICOR2202B | Communicate and interact effectively in the workplace | 40 |
| FPICOR3201B | Implement safety, health and environment policies and procedures | 80 |
| FPICOR3202B | Conduct quality and product care procedures | 20 |
| BSBFLM312C | Contribute to team effectiveness | 40 |
| *Electives* |  |  |
| FPITMM3204A | Interpret designs to prepare timber roof truss drawings and documents using computers | 80 |
| FPICOT3204B | Prepare and interpret sketches and drawings | 30 |
| FPICOT3214B | Take off material quantities | 30 |
| FPICOT3218B | Quote and interpret from manufactured timber product plans | 50 |
| FPICOT3220B | Quote and interpret from computerised timber manufactured product plans | 50 |
| FPICOT3239B | Create drawings using computer-aided design systems | 30 |
| CPCCBC4001A | Apply building codes and standards to the construction process for low rise building projects | 40 |
| BSBCUS301A | Deliver and monitor a service to customers | 35 |
| Total Hours |  | **560** |

|  |  |  |
| --- | --- | --- |
| Occupation / Work Function | Team Leader, forestry Operations | |
| Qualification Title | Certificate IV in Forest Operations | |
| Qualification Code | FPI40111 | |
| Description | Appropriate for a person working in the Forestry sector at Certificate IV level. | |
| Unit Code | Unit Title | Hours |
| *Core* |  |  |
| BSBLED401A | Develop teams and individuals | 40 |
| FPICOR3203B | Evaluate fire potential and prevention | 40 |
| FPICOR4201B | Monitor safety, health and environment policies and procedures | 80 |
| FPICOR4202B | Monitor and review forestry operations | 80 |
| FPICOR4203B | Monitor quality and product care procedures | 80 |
| Electives |  |  |
| FPIFGM4207B | Conduct a forest site assessment | 40 |
| FPIFGM4205B | Monitor regeneration rates | 20 |
| FPIFGM4203B | Design plantations | 180 |
| FPIFGM4201B | Implement a forest establishment plan | 160 |
| AHCCHM402A | Plan and implement a chemical use program | 90 |
| BSBWRT401A | Write complex documents | 50 |
| BSBWOR401A | Establish effective workplace relationships | 50 |
| AHCPMG402A | Develop a pest management action plan within a local area | 100 |
| FPIHAR4205B | Implement harvesting plans | 60 |
| Total Hours |  | **1070** |

|  |  |  |
| --- | --- | --- |
| Occupation / Work Function | Chip Mill Plant Operator | |
| Qualification Title | Certificate IV in Timber Processing | |
| Qualification Code | FPI40211 | |
| Description | Appropriate for a person working in a wood chipping plant in the Timber Processing sector at Certificate IV level. | |
| Unit Code | Unit Title | Hours |
| *Core* |  |  |
| BSBLED401A | Develop teams and individuals | 40 |
| FPICOR4201B | Monitor safety, health and environment policies and procedures | 80 |
| FPICOR4203B | Monitor quality and product care procedures | 80 |
| *Electives* |  |  |
| FPITMM4204B | Sample and test products to specifications | 40 |
| FPIWPP4202B | Perform laboratory testing | 40 |
| AHCMOM402A | Supervise maintenance of machinery and equipment | 80 |
| MSS403010A | Facilitate change in an organisation implementing competitive systems and practices | 50 |
| FPICOT4202B | Design timber structures | 80 |
| BSBRSK401A | Identify risk and apply risk management processes | 50 |
| BSBMGT403A | Implement continuous improvement | 40 |
| BSBWRT401A | Write complex documents | 50 |
| BSBWOR401A | Establish effective workplace relationships | 50 |
| BSBWOR402A | Promote team effectiveness | 50 |
| BSBWOR301B | Organise personal work priorities and development | 60 |
| Total Hours |  | **790** |

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| Occupation / Work Function | Frame and Truss Manufacturing Supervisor | |
| Qualification Title | Certificate IV in Timber Truss and Frame Manufacture | |
| Qualification Code | FPI40311 | |
| Description | Appropriate for a person employed as a supervisor in truss and/or frame manufacturing plant. | |
| Unit Code | Unit Title | Hours |
| *Core* |  |  |
| FPICOR4201B | Monitor safety, health and environment policies and procedures | 80 |
| FPICOR4203B | Monitor quality and product care procedures | 80 |
| BSBLED401A | Develop teams and individuals | 40 |
| *Electives* |  |  |
| FPICOT4203B | Plan and co-ordinate product assembly | 40 |
| BSBCUS501B | Manage quality customer service | 40 |
| TAEDEL402A | Plan, organise and facilitate learning in the workplace | 25 |
| BSBMGT402A | Implement an operation plan | 40 |
| BSBPMG407A | Apply risk management techniques | 40 |
| BSBPMG510A | Manage projects | 60 |
| CPCCBC4024A | Resolve business disputes | 20 |
| CPCSUS4001A | Implement and monitor environmentally sustainable work practices | 40 |
| HLTFA412A | Apply advanced first aid (pre-requisite of HTLFA311A) | 30 |
| MSS403001A | Implement competitive systems and practices | 50 |
| MSS402050A | Monitor process capability | 30 |
| HLTFA403A | Manage first aid in the workplace | 16 |
| CPCCSV5010A | Interact with clients in a regulated environment | 36 |
| BSBITS401B | Maintain business technology | 40 |
| Total Hours |  | **707** |

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| Occupation / Work Function | Frame and Truss Design Supervisor | |
| Qualification Title | Certificate IV in Timber Truss and Frame Design | |
| Qualification Code | FPI40411 | |
| Description | Appropriate for a person employed as a supervisor in the design of truss and or frames. | |
| Notes | Entry requirements apply for this qualification-specified units contained in the FPI30910 Certificate III Timber Truss and Frame Design and Manufacture. Refer to the training package qualification packaging rules for more information. | |
| Unit Code | Unit Title | Hours |
| *Core* |  |  |
| FPICOR4201B | Monitor safety, health and environment policies and procedures | 80 |
| FPICOR4203B | Monitor quality and product care procedures | 80 |
| BSBLED401A | Develop teams and individuals | 40 |
| *Electives* |  |  |
| FPITMM4205A | Prepare and advise on a broad range of timber roof truss details using computers | 150 |
| FPITMM4206A | Prepare and advise on a broad range of timber floor system details using computers | 150 |
| FPITMM4207A | Prepare and advise on a broad range of timber wall frame details using computers | 150 |
| FPICOT4202B | Design timber structures | 80 |
| CPCCBC4001A | Apply building codes and standards to the construction process for low rise building projects | 40 |
| CPCSUS4001A | Implement and monitor environmentally sustainable work practices | 40 |
| MSAPMSUP390A | Use structured problem solving tools | 40 |
| FPITMM4202B | Diagnose and calculate production costs | 80 |
| BSBCUS401B | Co-ordinate implementation of customer service strategies | 40 |
| BSBINM401A | Implement workplace information system | 40 |
| CPCCBC4004A | Identify and produce estimated costs for building and construction projects | 60 |
| CPCCBC4024A | Resolve business disputes | 20 |
| CPCCSV5010A | Interact with clients in a regulated environment | 36 |
| MSs40406A | Facilitate the use of planning software systems in a work area or team | 50 |
| Total Hours |  | **1176** |

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| Occupation / Work Function | Tree Growing and Maintenance Manager | |
| Qualification Title | Diploma of Forest and Forest Products | |
| Qualification Code | FPI50111 | |
| Description | Appropriate for a person working as a tree growing and maintenance manager in the Forest Growing and Management sector. | |
| Unit Code | Unit Title | Hours |
| *Core* |  |  |
| BSBCUS501B | Manage quality customer service | 40 |
| BSBMGT502B | Manage people performance | 70 |
| BSBMGT516C | Facilitate continuous improvement | 60 |
| BSBWHS503A | Contribute to the systematic management of WHS risk | 40 |
| BSBWOR501B | Manage personal work priorities and professional development | 60 |
| BSBWOR502B | Ensure team effectiveness | 60 |
| ***Electives*** |  |  |
| FPICOT5202B | Manage forestry information and interpretations programs | 120 |
| FPIFGM5211A | Co-ordinate stand nutrition | 120 |
| FPIFGM5213A | Co-ordinate plantation tending operations | 120 |
| FPIFGM5216A | Manage coupe planning | 200 |
| AHCPMG503A | Develop a strategy for the management of target pests | 100 |
| AHCWRK505A | Manage trial and/or research material | 140 |
| AHCPGD402A | Plan a plant establishment program | 80 |
| AHCNSY401A | Plan a growing-on program | 80 |
| AHCNSY402A | Plan a propagation program | 120 |
| Total Hours |  | **1410** |

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| Occupation / Work Function | Frame and Truss Manufacturer | |
| Qualification Title | Diploma of Timber Truss and Frame Manufacture | |
| Qualification Code | FPI50311 | |
| Description | Appropriate for a person employed in senior capacity in a Truss and Frame manufacturing plant. | |
| Unit Code | Unit Title | Hours |
| *Core* |  |  |
| BSBCUS501B | Manage quality customer service | 40 |
| BSBMGT502B | Manage people performance | 70 |
| BSBMGT516C | Facilitate continuous improvement | 60 |
| BSBWHS503A | Contribute to the systematic management of WHS risk | 40 |
| BSBWOR501B | Manage personal work priorities and professional development | 60 |
| ***Electives*** |  |  |
| FPITMM5203B | Generate and transfer complex computer-aided drawing and specifications | 150 |
| FPITMM5204B | Manage product design | 180 |
| CPCCSV5011A | Apply building codes and standards to residential buildings | 36 |
| CPCCSV5012A | Assess timber design frames for one and two storey buildings | 36 |
| FPITMM5201B | Assess product feasibility of designs | 100 |
| FPITMM5206B | Plan production | 200 |
| BSBINM501A | Manage an information or knowledge management system | 50 |
| BSBMKG501B | Identify and evaluate marketing opportunities | 70 |
| FPICOT5203B | Manage installation and commissioning of equipment | 250 |
| FPITMM4202B | Diagnose and calculate production costs | 80 |
| MSS405031A | Undertake value analysis of a product or process costs in terms of customer requirements | 60 |
| MSS405062A | Develop a documentation control strategy for an organisation | 60 |
| BSBAUD501B | Initiate a quality audit | 40 |
| BSBSUS501A | Develop workplace policy procedures for sustainability | 50 |
| **Total Hours** |  | **1632** |

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| Occupation / Work Function | Frame and Truss Designer | |
| Qualification Title | Diploma of Timber Truss and Frame Design | |
| Qualification Code | FPI50411 | |
| Description | Appropriate for a person employed in senior capacity in a Truss and Frame manufacturing plant. | |
| Unit Code | Unit Title | Hours |
| *Core* |  |  |
| BSBCUS501B | Manage quality customer service | 40 |
| BSBMGT502B | Manage people performance | 70 |
| BSBMGT516C | Facilitate continuous improvement | 60 |
| BSBWHS503A | Contribute to the systematic management of WHS risk | 40 |
| BSBWOR501B | Manage personal work priorities and professional development | 60 |
| ***Electives*** |  |  |
| FPITMM5203B | Generate and transfer complex computer-aided drawing and specifications | 150 |
| FPITMM5204B | Manage product design | 180 |
| CPCCSV5011A | Apply building codes and standards to residential buildings | 36 |
| CPCCSV5012A | Assess timber design frames for one and two storey buildings | 36 |
| FPITMM5201B | Assess product feasibility of designs | 100 |
| MSS405030A | Optimise cost of product or service | 60 |
| BSBINM501A | Manage an information or knowledge management system | 50 |
| BSBMKG501B | Identify and evaluate marketing opportunities | 70 |
| CPCCSV5015A | Assess structural requirements for domestic scale buildings | 72 |
| MSS404052A | Apply statistics to operational processes | 40 |
| MSS405031A | Undertake value analysis of a product or process costs in terms of customer requirements | 60 |
| MSS405062A | Develop a documentation control strategy for an organisation | 60 |
| MSS405075A | Facilitate the development of a new product | 80 |
| BSBSUS501A | Develop workplace policy procedures for sustainability | 50 |
| Total Hours |  | **1314** |

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| Occupation / Work Function | District Forester/Senior Forester/Plantation Manager | |
| Qualification Title | Advanced Diploma of Forest Industry Sustainability | |
| Qualification Code | FPI60113 | |
| Description | 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. | |
| Unit Code | Unit Title | Hours |
| *Core* |  |  |
| FPICOR6201A | Manage sustainability in the workplace | 120 |
| FPICOR6202A | Implement practices to maximize value from wood residues | 80 |
| ***Electives*** |  |  |
| FPIFGM5217A | Promote plantations as a sustainable form of land management | 80 |
| FPIFGM6203 | Manage sustainable tree inventory | 150 |
| FPICOT6207A | Develop forest management systems and processes | 200 |
| BSBINN601B | Manage organisational change | 60 |
| BSBINN801A | Lead innovative thinking and practice | 80 |
| BSBMGT608C | Manage innovation and continuous improvement | 70 |
| BSBFIM501A | Manage budgets and financial plans | 70 |
| BSBMGT502B | Manage people performance | 70 |
| Total Hours |  | **980** |

CONTACTS AND LINKS

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| **Industry Skills Council (ISC)** | | |
| Forestry Industry Skills Council | This ISC is responsible for developing FPI11 V2 and 2.1 Forest and Forest Products Training Package and can be contacted for further information. You can also source copies of the Training Package and support material. | Address:559A Queensberry St  North Melbourne VIC 3051  Phone:03 9321 3500  Email: [forestworks@forestworks.com.au](mailto:forestworks@forestworks.com.au)  Web: <http://www.forestworks.com.au/> |
| **National Register for VET in Australia** | | |
| Training.gov.au (TGA) | TGA is the Australian governments’ official National Register of information on Training Packages, qualifications, courses, units of competency and RTOs. | training.gov.au |
| **Australian Government** | | |
| The Department of Industry | The Department of Industry provides a range of services and resources to assist in delivery of Training Packages. Search the “Innovation” website for links to a range of relevant resources and publications. | [www.innovation.gov.au](http://www.innovation.gov.au) |
| **State Government** | | |
| Department of Education and Early Childhood Development  Higher Education and Skills Group | Higher Education and Skills Group is responsible for funding and the implementation of Vocational Education and Training (VET) in Victoria, including Apprenticeships and Traineeships. | General information:  [www.skills.vic.gov.au](http://www.skills.vic.gov.au/)  Approved Training Schemes:  <http://www.skills.vic.gov.au/corporate/publications/brochures-and-fact-sheets/apprenticeships-and-traineeships-in-victoria-industry-guides> |
| **Curriculum Maintenance Manager (CMM)** | | |
| Primary Industries Curriculum Maintenance Manager | The CMM service is provided by Executive Officers located within Victorian TAFE institutes on behalf of Skills Victoria. | Kate Bryce  Address: NMIT – Fairfield Campus  Yarra Bend Rd, Fairfield VIC 3078  Phone:03 9269 1391  Email: kateb-rd@nmit.edu.au  Web: [www.nmit.edu.au/](http://www.nmit.edu.au/) |
| **State VET Regulatory Authority** | | |
| Victorian Registration and Qualifications Authority (VRQA) | The VRQA is a statutory authority responsible for the registration of education and training providers in Victoria to ensure the delivery of quality education and training. | [www.vrqa.vic.gov.au](http://www.vrqa.vic.gov.au)  Phone: 03 9637 2806 |
| **National VET Regulatory Authority** | | |
| Australian Skills Quality Authority (ASQA) | ASQA is the national regulator for Australia’s VET sector vocational education and training sector.  ASQA regulates courses and training providers to ensure nationally approved quality standards are met. | [www.asqa.gov.au](http://www.asqa.gov.au)  Info line: 1300 701 801 |
| **Industry Regulatory Body** | | |
| Department of Sustainability & Environment (Harvesting and Haulage Regulations) | 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. | Address: Head Office  8 Nicholson St  East Melbourne VIC 3002  Phone:03 5336 6687  Email: : [www.des.vic.gov.au/dse](http://www.des.vic.gov.au/dse)  Web: [www.des.vic.gov.au/dse](http://www.des.vic.gov.au/dse) |
| Department of Primary Industries (DPI)Agricultural Chemical Users Permit (ACUP |  | Address: GPO Box 4440  Melbourne VIC 3001  Phone: 136 186 within Australia  Email: [customer.service@dpi.vic.gov.au](mailto:customer.service@dpi.vic.gov.au)  Web: [www.dpi.vic.gov.au](http://www.dpi.vic.gov.au) |
| **WorkSafe** | | |
| WorkSafe Victoria | WorkSafe needs to provide written verification before High Risk Work Units can be added to an RTO’s scope of registration. | [www.worksafe.vic.gov.au](http://www.worksafe.vic.gov.au)  Info line: 1800 136 089 |
| **Other contacts** | | |
| Australian Timber Trainers Association |  | Address: PO Box 1954  Strawberry Hills, NSW 2012  Phone: 0403 570 673  Email: secretary@atta.rorg.au  Web: [www.atta.org.au/](http://www.atta.org.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. |
| **Nominal Hours** | The anticipated hours of supervised learning or training deemed necessary to conduct training and assessment activities associated with the program of study. These hours are determined by the Victorian State Training Authority. Nominal hours may vary for a qualification depending on the units of competency selected. |
| **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. |