

FPI11 FOREST AND FOREST PRODUCTS TRAINING PACKAGE

Version 2.3

WA NOMINAL HOURS GUIDE

**Western Australian Department of Training and Workforce
Development**

May 2015

Introduction

This WA Nominal Hours Guide has been generated to enable the stakeholders in the Forest and Forest Products Industry in Western Australia to participate in the managed implementation of the FPI11 Forest and Forest Products Training Package.

This Guide is designed to aid Registered Training Organisations (RTOs) to convert from existing Training Package qualifications to new Training Package qualifications within the scope of their training delivery.

The Guide should be read in conjunction with the **endorsed components** of the Training Package

Version 2.3 of the FPI11 Forest and Forest Products Training Package was released on Training.Gov.Au (TGA) on the **1 May 2015**.

Version 2.2 of the FPI11 Forest and Forest Products Training Package was released on Training.Gov.Au (TGA) on the **28 October 2013**.

Version 2.1 of the FPI11 Forest and Forest Products Training Package was released on Training.Gov.Au (TGA) on the **30 September 2013**.

Version 2 of the FPI11 Forest and Forest Products Training Package was released on Training.Gov.Au (TGA) on the **27 August 2013**.

Transition Arrangements

Registered Training Organisations (RTOs) are required to deliver Training Package qualifications within 12 months of the release date of the Training Package on to Training.gov.au (TGA).

Students currently enrolled in an existing version of the Training Package qualification should be permitted to complete the program they enrolled in initially, unless the move to the related qualification from a Training Package can be made without disadvantage to a student.

Nominal Hours

The Commonwealth Department of Employment, Education and Workplace Relations' definition of nominal hours states:

“The value assigned to a structured program of study that nominally represents the anticipated hours of supervised learning and/or training deemed necessary to conduct training/learning and assessment activities associated with the program of study”

Source: National Quality Council Training Package Glossary Version V2.1
17/03/2010

<http://www.deewr.gov.au/Skills/Overview/Policy/TPDH/Downloads/Documents/TrainingPackGlossary.pdf>

Nominal hours are identified for each Training Package qualification. Total nominal hours may vary within a qualification depending on the units of competency.

In Western Australia, nominal hours are used as a mechanism for funding allocation.

Version Modification History

The version details of this endorsed Training Package are in the table below. The latest information is at the top of the table.

Version	TGA Release Date	Modification History
2.3	1 May 2015	<p>ISC upgrade to update the following:</p> <ul style="list-style-type: none"> In both FPI20111 and FPI20113, the prerequisite listing for PUAFIR204B has been corrected to PUAFIR215 In both FPI20211 and FPI20213, packaging rules have been corrected to state "elective units must be relevant to work undertaken in the harvesting and haulage sector" PUAFIR412 and PUAFIR413 added to the elective bank of units in FPI30111 and FPI30113, to address skills required for prescribed burning PUAFIR511 and PUAFIR513 added to the elective bank of units for FPI40111, to replace superseded units PUAFIR406B and PUAFIR407B AURGA3001 added to the elective bank of units for FPI30211 and FPI30213, to address skills required for using trailers Elective unit MSFGG2008 replaces LMFGG2008C in FPI20511 Core unit HLTAID003 replaces HLTA311A in the following qualifications: <ul style="list-style-type: none"> FPI20113, FPI20213, FPI30113, FPI30213 Elective unit HLTAID003 replaces HLTA311A in the following qualifications: FPI20311, FPI20411, FPI20511, FPI20611, FPI20711, FPI30411, FPI30511, FPI30911, FPI40111 Elective unit HLTAID003 added to the elective bank of units for FPI30311 to ensure providing first aid at level three remains part of the qualification, even though it is no longer a pre-requisite for HLTAID006 Elective unit HLTAID005 replaces HLTA302C in FPI30211 and FPI30213 Elective unit HLTAID006 replaces HLTA412A in the following qualifications: FPI30111, FPI30113, FPI30211, FPI30213, FPI30311, FPI30411, FPI30511, FPI30611, FPI30911, FPI40111, FPI40311, FPI40411 Elective unit HLTAID008 replaces HLTA403C in the following qualifications: FPI30611, FPI40111, FPI40211, FPI40311, FPI40411 Unit HLTAID003 replaces HLTA311A in the following skill sets: <ul style="list-style-type: none"> FPISS00011, FPISS00012, FPISS00013, FPISS00014, FPISS00015, FPISS00016, FPISS00017, FPISS00020, FPISS00021, FPISS00022
2.2	28 October 2013	<p>ISC upgrade to correct omissions from FPI20111 and FPI20211.</p> <p>Changes made to reflect that FPICOT2206A and FPICOT2206B are superseded by FPICOT2238A</p> <p>Formatting fixes</p>
2.1	30 September 2013	<p>Corrections to new qualifications equivalence status—so that the following qualifications have Equivalent vocational outcome to <u>superseded</u> qualifications:</p> <ul style="list-style-type: none"> 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 FPI60113 Diploma of Forest Industry Sustainability <p><i>The Forest Works Industry Skills Council advises that this is the incorrect modification history. This will be amended in the next ISC upgrade early 2014. The correct modification history for version 2.1 is outlined below.</i></p>
2.1	30 September 2013	<p>Mapping updated to reflect non-equivalence of the following qualifications, resulting in 8 current qualifications:</p> <ul style="list-style-type: none"> 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

Version	TGA Release Date	Modification History
		<ul style="list-style-type: none"> • FPI30113 Certificate III in Forest Growing and Management • FPI30211 Certificate III in Harvesting and Haulage • FPI30213 Certificate III in Harvesting and Haulage
2	27 August 2013	<p>NSSC endorsement for:</p> <ul style="list-style-type: none"> • revision of one non-equivalent qualification due to changes to packaging rules and the removal of one core unit: <ul style="list-style-type: none"> ○ 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: <ul style="list-style-type: none"> ○ 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: <ul style="list-style-type: none"> ○ 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: <ul style="list-style-type: none"> ○ FPIFGM5219 Undertake carbon stock sampling of forests and plantations ○ FPIFGM6203 Manage sustainable tree inventory. <p>ISC upgrade for:</p> <ul style="list-style-type: none"> • revision of a further 17 existing equivalent qualifications to add and update units in their elective banks: <ul style="list-style-type: none"> ○ FPI20311 Certificate II in Sawmilling and Processing ○ FPI20411 Certificate II in Wood Panel Products ○ FPI20511 Certificate II in Timber Manufactured Products ○ FPI20611 Certificate II in Timber Merchandising ○ FPI20711 Certificate II in Timber Truss and Frame Design and Manufacture ○ FPI30311 Certificate III in Sawmilling and Processing ○ FPI30411 Certificate III in Wood Panel Products ○ FPI30511 Certificate III in Timber Manufactured Products ○ FPI30611 Certificate III in Timber Merchandising ○ FPI30711 Certificate III in Sawdoctoring ○ FPI30811 Certificate III in Woodmachining ○ FPI30911 Certificate III in Timber Truss and Frame Design and Manufacture ○ FPI40111 Certificate IV in Forest Operations ○ FPI40211 Certificate IV in Timber Processing ○ FPI40311 Certificate IV Timber Truss and Frame Manufacture ○ FPI40411 Certificate IV in Timber Truss and Frame Design ○ FPI50111 Diploma of Forest and Forest Products • minor updates to revised equivalent native units: <ul style="list-style-type: none"> ○ FPICOT5206A to FPICOT5206B Implement forestry chain of custody certification system ○ FPICOT5208A to FPICOT5208B Build and maintain community relationships ○ FPICOT5209A to FPICOT5209B Manage tree harvesting to minimise environmental impact ○ FPICOT6201A to FPICOT6201B Manage community engagement ○ FPICOT6202A to FPICOT6202B Develop and manage a forestry chain of custody certification process for the workplace ○ FPIFGM4203B to FPIFGM4203C Design plantations ○ FPIFGM6201A to FPIFGM6201B Plan a biochar storage system for carbon capture and storage

Version	TGA Release Date	Modification History
		<ul style="list-style-type: none"> ○ FPISAW3220B to FPISAW3220C Maintain wide band saw blades • superseded imported units updated in a range of qualification elective banks • addition of sixteen skill sets: <ul style="list-style-type: none"> ○ Carbon Accounting ○ Finger Jointing Grader Operator ○ Finger Jointing Moulder Operator ○ Finger Jointing Plant Operator ○ Finger Jointing Quality Control Tester ○ Forestry Log Truck Driver ○ Forestry Produce Truck Driver ○ Forest & Wood Product Innovation for Leaders ○ Forest & Wood Product Innovation for Managers ○ Supporting Forest & Wood Products Innovation ○ Managing Change in the Forest and Wood Products Industry ○ Forest & Wood Products Industry Stakeholder Engagement ○ Supporting Workplace Engagement in the Forest and Wood Products ○ Leading Business Development in Forest and Wood Products ○ Managing Business Development in Forest and Wood Products ○ Supporting Business Development in Forest and Wood Products • minor editorial errors corrected throughout.
1.1	28 November 2012	<ul style="list-style-type: none"> • Spelling, typographical and alignment issues corrected • Superseded imported units updated where equivalent
1.0	7 February 2012	<ul style="list-style-type: none"> • Primary release

Qualifications and Nominal Hours

The following table provides a summary of the qualifications and nominal hours in the FPI11 Training Package Forest and Forest Products.

Please note: the new qualifications in **version 2** are highlighted in **red text**

National ID	Title	Nominal Hours
FPI10111	Certificate I in Forest and Forest Products	300
FPI20111	Certificate II in Forest Growing and Management	455
FPI20113	Certificate II in Forest Growing and Management	455
FPI20211	Certificate II in Harvesting and Haulage	400
FPI20213	Certificate II in Harvesting and Haulage	400
FPI20311	Certificate II in Sawmilling and Processing	440
FPI20411	Certificate II in Wood Panel Products	395
FPI20511	Certificate II in Timber Manufactured Products	325
FPI20611	Certificate II in Timber Merchandising	440
FPI20711	Certificate II in Timber Truss and Frame Design and Manufacture	317
FPI30111	Certificate III in Forest Growing and Management	694
FPI30113	Certificate III in Forest Growing and Management	694
FPI30211	Certificate III in Harvesting and Haulage	880
FPI30213	Certificate III in Harvesting and Haulage	880
FPI30311	Certificate III in Sawmilling and Processing	441
FPI30411	Certificate III in Wood Panel Products	475
FPI30511	Certificate III in Timber Manufactured Products	442
FPI30611	Certificate III in Timber Merchandising	561
FPI30711	Certificate III in Sawdoctoring	720
FPI30811	Certificate III in Woodmachining	760
FPI30911	Certificate III in Timber Truss and Frame Design and Manufacture	517
FPI40111	Certificate IV in Forest Operations	870
FPI40211	Certificate IV in Timber Processing	717
FPI40311	Certificate IV in Certificate IV Timber Truss and Frame Manufacture	550
FPI40411	Certificate IV in Timber Truss and Frame Design	910
FPI50111	Diploma of Forest and Forest Products	1545
FPI50311	Diploma of Timber Truss and Frame Manufacture	1640
FPI50411	Diploma of Timber Truss and Frame Design	1210
FPI60113	Advanced Diploma of Forest Industry Sustainability	950

Units of Competency and Nominal Hours

The following table provides a summary of the units of competency and nominal hours in the FPI11 Forest and Forest Products Training Package.

Please note: the new units in **version 2** are highlighted in *red text*

National ID	Title	Nominal Hours
FPICOR2201B	Work effectively in the forest and forest products industry	20
FPICOR2202B	Communicate and interact effectively in the workplace	20
FPICOR2203B	Follow environmental care procedures	20
FPICOR2204B	Follow fire prevention procedures	20
FPICOR2205B	Follow OHS policies and procedures	20
FPICOR2207B	Maintain quality and product care	20
FPICOR3201B	Implement safety, health and environment policies and procedures	60
FPICOR3202B	Conduct quality and product care procedures	40
FPICOR3203B	Evaluate fire potential and prevention	30
FPICOR3204B	Visually assess materials	17
FPICOR4201B	Monitor safety, health and environment policies and procedures	20
FPICOR4202B	Monitor and review forestry operations	20
FPICOR4203B	Monitor quality and product care procedures	30
FPICOR6201A	Manage sustainability in the workplace	60
FPICOR6202A	Implement practices to maximise value from wood residues	80
FPICOT2201B	Stack and bind material	15
FPICOT2202B	Rack material	15
FPICOT2203B	Finish products	15
FPICOT2205B	Tail out materials	15
FPICOT2207B	Dress boards and timber	40
FPICOT2208A	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	15
FPICOT2219B	Use hand-held tools	20
FPICOT2220B	Select trees for tending operations	20
FPICOT2222B	Produce laminated beams	20
FPICOT2223B	Segregate and sort logs	12
FPICOT2224B	Band edges of panels	10
FPICOT2225B	Chip or flake wood	18
FPICOT2226B	Debark logs mechanically	20
FPICOT2227B	Process orders and despatch products	20
FPICOT2228B	Store materials	20
FPICOT2229B	Dock material to length	17
FPICOT2230B	Assemble products	17
FPICOT2231B	Pack products	15
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 chain saw	40

National ID	Title	Nominal Hours
FPICOT2239A	Trim and cut felled trees	40
FPICOT2240	Cut materials 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	25
FPICOT3203B	Weigh loads	20
FPICOT3204B	Prepare and interpret sketches and drawings	30
FPICOT3205B	Dress boards using multi-headed machines	35
FPICOT3206B	Cut material using high speed optimiser	35
FPICOT3207B	Set up, operate and maintain finger jointing operations	30
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	25
FPICOT3212B	Replace saws, blades and guides	40
FPICOT3213B	Manufacture cutting tools	36
FPICOT3214B	Take off material quantities	30
FPICOT3215B	Swage and shape saw blades	40
FPICOT3216B	Assess and maintain saw performance	30
FPICOT3217B	Assess and maintain cutter performance	20
FPICOT3218B	Quote and interpret from manufactured timber product plans	25
FPICOT3219B	Produce standard truss or frame plans and details using computers	40
FPICOT3220B	Quote and interpret from computerised timber manufactured product plans	40
FPICOT3221B	Rehabilitate tracks, quarries and landings	65
FPICOT3222B	Present forestry information and interpretations programs	40
FPICOT3223B	Grade and mark logs	20
FPICOT3224B	Plan and monitor equipment maintenance	40
FPICOT3225B	Mechanically stress grade timber	30
FPICOT3227B	Receive and measure logs	15
FPICOT3228B	Plane/sand panels	15
FPICOT3229B	Mechanically stress grade panels	30
FPICOT3230B	Operate automated stacking equipment	20
FPICOT3231B	Operate steam boiler	32
FPICOT3232B	Operate heat plant	37
FPICOT3233B	Sharpen and align blades and knives	20
FPICOT3234B	Cut material using CNC sizing machines	32
FPICOT3235B	Machine material using CNC machining and processing centres	32
FPICOT3236B	Coordinate stock control procedures	50
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	17
FPICOT3246B	Test heavy structural/engineered products	40
FPICOT3247B	Select timber for forestry operations	20
FPICOT3248A	Dry timber in solar assisted kilns	40
FPICOT3249A	Select timber preservation techniques	60
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	60

National ID	Title	Nominal Hours
	area/work site	
FPICOT3255	Apply silvicultural principles	40
FPICOT3256	Apply biodiversity protection	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	40
FPICOT3262	Transport forestry produce using trucks	40
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	60
FPICOT4202B	Design timber structures	60
FPICOT4203B	Plan and coordinate product assembly	20
FPICOT4204B	Schedule and coordinate load shifting	30
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 practices	120
FPICOT5202B	Manage forestry information and interpretations programs	40
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	40
FPICOT5208B	Build and maintain community relationships	50
FPICOT5209B	Manage tree harvesting to minimise environmental impact	80
FPICOT6201B	Manage community engagement	50
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	20
FPIFGM2202B	Prepare seed bed	60
FPIFGM2203B	Plant trees by hand	10
FPIFGM2204B	Plant trees mechanically	10
FPIFGM2205B	Prune trees	20
FPIFGM2206B	Collect data or samples for assessment	20
FPIFGM2207B	Undertake brushcutting operations	40
FPIFGM2209B	Cut, sort and set cuttings	20
FPIFGM2210B	Implement animal pest control procedures	20
FPIFGM2211B	Detect fires	20
FPIFGM2212B	Graft cuttings	20
FPIFGM2213B	Process seed	20
FPIFGM2214B	Maintain visitor sites	20
FPIFGM2215B	Measure trees	20
FPIFGM3201B	Manage seed collection	90
FPIFGM3202B	Extract seed	20
FPIFGM3203B	Conduct an instrument survey	35
FPIFGM3206B	Plan and implement non-commercial thinning operations	40
FPIFGM3207B	Coordinate stem improvement	120
FPIFGM3209B	Construct and maintain forest roads and tracks	120
FPIFGM3210B	Patrol forest	40
FPIFGM3211B	Manage coppice stems	40
FPIFGM3212	Fall trees manually (intermediate)	100

National ID	Title	Nominal Hours
FPIFGM3213	Fall trees manually (advanced)	120
FPIFGM3214	Operate a four-wheel drive vehicle in a towing situation	30
FPIFGM3215	Perform complex four-wheel drive operations	40
FPIFGM4201B	Implement a forest establishment plan	120
FPIFGM4202B	Manage stand health	120
FPIFGM4203C	Design plantations	90
FPIFGM4204B	Conduct a pests and diseases assessment	50
FPIFGM4205B	Monitor regeneration rates	20
FPIFGM4206B	Conduct a wood volume and yield assessment	50
FPIFGM4207B	Conduct a forest site assessment	50
FPIFGM4208B	Plan a quarry	120
FPIFGM4209B	Interpret and use aerial photographs for forest management	10
FPIFGM4210B	Prepare a tender	30
FPIFGM5201B	Plan and manage an inventory program	90
FPIFGM5208B	Manage road construction and maintenance	150
FPIFGM5210A	Manage tending operations in a native forest	90
FPIFGM5211A	Coordinate stand nutrition	120
FPIFGM5212A	Manage genetic resources	135
FPIFGM5213A	Coordinate plantation tending operations	120
FPIFGM5214A	Develop a native forest regeneration plan	90
FPIFGM5215A	Breed trees	90
FPIFGM5216A	Manage coupe planning	200
FPIFGM5217A	Promote plantations as a suitable form of land use	80
FPIFGM5219	Undertake carbon stock sampling of forests and plantations	60
FPIFGM6201B	Plan a biochar storage system for carbon capture and storage	150
FPIFGM6203	Manage sustainable tree inventory	150
FPIHAR2203B	Hook up felled logs using cables (choker)	40
FPIHAR2204B	Perform landing duties (chaser)	40
FPIHAR2205B	Conduct mobile splitting operations	30
FPIHAR2206B	Operate a mobile chipper/mulcher	30
FPIHAR2207A	Trim and cut harvest trees	40
FPIHAR3201A	Monitor log recovery (rigging slinger)	80
FPIHAR3206C	Conduct forwarder operations	120
FPIHAR3207C	Conduct feller buncher operations	100
FPIHAR3208C	Conduct boom delimeter operations	100
FPIHAR3210C	Conduct mechanical processor operations	100
FPIHAR3211B	Operate yarder	100
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	100
FPIHAR3218A	Conduct loader operations	40
FPIHAR3219A	Conduct excavator operations with grabs	100
FPIHAR3220	Harvest trees manually (intermediate)	100
FPIHAR3221	Harvest trees manually (advanced)	120
FPIHAR4201B	Apply tree jacking techniques	100
FPIHAR4202B	Coordinate log recovery (hook tender)	80
FPIHAR4203B	Design log landings and snig tracks	80
FPIHAR4204B	Plan and coordinate 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

National ID	Title	Nominal Hours
FPISAW2206B	De-stack seasoning racks	20
FPISAW2207B	Round softwood logs	20
FPISAW2208B	Split wood products	20
FPISAW2209B	Dismantle, transport and assemble hand portable sawmill	60
FPISAW2210B	Prepare for timber treatment operations	20
FPISAW3201B	Treat timber	30
FPISAW3202B	Produce sawn green boards	40
FPISAW3203B	Break down logs	40
FPISAW3204B	Saw flitches and cants	20
FPISAW3205B	Dry hardwood	40
FPISAW3206B	Dry softwood	40
FPISAW3207B	Sharpen band saws	30
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	40
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	30
FPISAW3229B	Operate a portable sawmill	60
FPISAW4201B	Plan and monitor timber treatment plant operations	30
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 timber truss, floor and/or frame fabrication plans	30
FPITMM3201B	Convert timber	40
FPITMM3202B	Manufacture using joinery machines	35
FPITMM3203B	Estimate and cost job	50
FPITMM3204A	Interpret designs to prepare timber roof truss drawings and documents using computers	75
FPITMM3205A	Interpret designs to prepare timber floor system drawings and documents using computers	75
FPITMM3206A	Interpret designs to prepare timber wall frame drawings and documents using computers	75
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	120
FPITMM4206A	Prepare and advise on a broad range to timber floor system details	120

National ID	Title	Nominal Hours
	using computers	
FPITMM4207A	Prepare and advise on a broad range of timber wall frame details using computers	120
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	10
FPIWPP2207B	Scarf edges of veneer	15
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	30
FPIWPP3202B	Paint panels	10
FPIWPP3203B	Produce fibre from chips	15
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	25
FPIWPP3213B	Heat treat material	15
FPIWPP3214B	Treat paper	10
FPIWPP3215B	Cut paper	5
FPIWPP3216B	Press material using the daylight process	40
FPIWPP3217B	Process production effluent	20
FPIWPP3218B	Coordinate machining of panels	30
FPIWPP3219B	Blend and test binding mixes	20
FPIWPP3220B	Plan and coordinate panel painting	10
FPIWPP3221B	Trim new panels to size	15
FPIWPP3222B	Press laminated ply	20
FPIWPP3223B	Immunise veneer	30
FPIWPP3224B	Profile sand products	10
FPIWPP3225B	Produce profile sanding shoes and wheels	15
FPIWPP3226B	Operate a continuous press	40
FPIWPP3227B	Vacuum paint	15
FPIWPP3228B	Dry wood flakes	30
FPIWPP3229B	Classify flake	15
FPIWPP3230B	Produce decorative veneers	40
FPIWPP3231B	Produce veneer from prepared flitches	30
FPIWPP4201B	Plan and coordinate panel production	15
FPIWPP4202B	Perform laboratory testing	40

Mapping Qualifications

The following table provides an overview of the qualifications from versions 2 and 2.1 which replace qualifications from the existing version of the FPI11 Forest and Forest Products Training Package

National ID	Title	Hours	National ID	Title	Hours
Version 1 Current Qualification			Version 2 Replacement Qualification		
FPI60111	Advanced Diploma of Forest Industry Sustainability	1200	FPI60113	Advanced Diploma of Forest Industry Sustainability	950
Version 2 Current Qualification			Version 2.1 Replacement Qualification		
FPI20111	Certificate II in Forest Growing and Management	455		Current	
	No previous equivalent		FPI20113	Certificate II in Forest Growing and Management	455
FPI20211	Certificate II in Harvesting and Haulage	400		Current	
	No previous equivalent		FPI20213	Certificate II in Harvesting and Haulage	400
FPI30111	Certificate III in Forest Growing and Management	694		Current	
	No previous equivalent		FPI30113	Certificate III in Forest Growing and Management	694
FPI30211	Certificate III in Harvesting and Haulage	880		Current	
	No previous equivalent		FPI30213	Certificate III in Harvesting and Haulage	880

Mapping Units of Competency

The following table provides an overview of the units of competency from version 2 which replace units of competency from the existing version of the FPI11 Forest and Forest Products Training Package

Version1 Current Unit				FPI11 2.1 Replacement Unit		
National ID	Title	Hours	E/ NE	National ID	Title	Hours
	No previous equivalent		-	FPICOT2241	Apply wood and timber product knowledge	20
FPICOT3226B	Shift forestry logs using trucks	40	NE	FPICOT3261	Transport forestry logs using trucks	40
	No previous equivalent		-	FPICOT3262	Transport forestry produce using trucks	40
	No previous equivalent		-	FPICOT3263	Maintain and contribute to energy efficiency	30
	No previous equivalent		-	FPICOT3264	Build and maintain timber stacks	20
FPICOT5206A	Implement Forestry Chain of Custody certification system	80	E	FPICOT5206B	Implement Forestry Chain of Custody certification system	80
FPICOT5208A	Build and maintain community relationships	30	E	FPICOT5208B	Build and maintain community relationships	50
FPICOT5209A	Manage tree harvesting to minimise environmental impact	80	E	FPICOT5209B	Manage tree harvesting to minimise environmental impact	80
FPICOT6201A	Manage community engagement	50	E	FPICOT6201B	Manage community engagement	50
FPICOT6202A	Develop and manage a Forestry Chain of Custody certification process for the workplace	120	E	FPICOT6202B	Develop and manage a Forestry Chain of Custody certification process for the workplace	120
FPIFGM4203B	Design plantations	90	E	FPIFGM4203C	Design plantations	90
FPIFGM5218A	Undertake carbon storage sampling of forests and plantations	60	E	FPIFGM5219	Undertake carbon stock sampling of forests and plantations	60
FPIFGM6201A	Plan a biochar storage system for carbon capture and storage	150	E	FPIFGM6201B	Plan a biochar storage system for carbon capture and storage	150
FPIFGM6202A	Manage tree inventory for sustainable tree management	150	E	FPIFGM6203	Manage sustainable tree inventory	150
FPISAW3220B	Maintain wide band saw blades	40	E	FPISAW3220C	Maintain wide band saw blades	40

Traineeships and Apprenticeships

The following table provides a summary of the qualifications in version 2.2 of the FPI11 Forest and Forest Products Training Package and the accredited traineeship and apprenticeship courses attached.

Version 2 Current Qualifications						
National ID	Title	Traineeship/Apprenticeship	Hours		Version 2.2 Replacement Qualifications	
TRAINEESHIP						
FPI20111	Forest Growing and Management	Forest Growing and Management (Level 2)	455		No change	
FPI20211	Harvesting and Haulage	Harvesting and Haulage (Level 2)	400		No change	
FPI20311	Sawmilling and Processing	Sawmilling and Processing (Level 2)	440		No change	
FPI20411	Wood Panel Products	Wood Panel Products (Level 2)	395		No change	
FPI20511	Timber Manufactured Products	Timber Manufactured Products (Level 2)	325		No change	
FPI20611	Timber Merchandising	Timber Merchandising (Level 2)	440		No change	
FPI30111	Forest Growing and Management	Forest Growing and Management (Level 3)	694		No change	
FPI30211	Harvesting and Haulage	Harvesting and Haulage (Level 3)	880		No change	
FPI30311	Sawmilling and Processing	Sawmilling and Processing (Level 3)	441		No change	
FPI30411	Wood Panel Products	Wood Panel Products (Level 3)	475		No change	
FPI30511	Timber Manufactured Products	Timber Manufactured Products (Level 3)	442		No change	
FPI30611	Timber Merchandising	Timber Merchandising (Level 3)	561		No change	
FPI40111	Forest Operations	Forester (Operations) (Level 4)	870		No change	
FPI40211	Timber Processing	Production Technician (Timber) (Level 4)	717		No change	
APPRENTICESHIP						
FPI30711	Sawdoctoring	Saw Doctor	720		No change	