Australian Government

FPI50111 Diploma of Forest and Forest Products

Release 3

INDUSTRY SKILLS COUNCILS
Creating Australia's Future

FPI50111 Diploma of Forest and Forest Products

Modification History

Release 2

Updated equivalent imported core unit:

- BSBWHS503A Contribute to the systematic management of WHS risk replaces BSBOHS504B Apply principles of OHS risk management

Imported units added to Group B elective bank:

- MSS015011A
- MSS405070A

Native and imported units updated to equivalent versions:

- BSBPMG522A replaces BSBPMG510A
- FPICOT5206B replaces FPICOT5206A
- FPICOT5208B replaces FPICOT5208A
- FPICOT5209B replaces FPICOT5209A
- FPIFGM5219 replaces FPIFGM5218A

Imported units updated to current release:

- LGACOM401A
- LGACOM409A
- LGACOM502B
- LGAEHRR504C
- LGAPLEM404A
- LGAPLEM612B
- PUAFIR501B
- PUAFIR509B
- PUALAW001B
- PUAOPE007B

Release 1.1

Four imported units of competency updated:

- BSBCUS501C replaces BSBCUS501B - Equivalent
- MSS405001A replaces MSACMS600A - Equivalent
- MSS405004A replaces MSACMS603A - Equivalent
- BSBRSK501B replaces BSBRSK501A - Equivalent

Four typographical errors have been fixed - AHCCHM401A, BSBRSK501B, BSBINM501A and BSBFIM501A had incorrectly listed unit titles.

Description

This qualification is designed for job roles in the forest and forest products industry.

Pathways Information

This qualification has twelve employment pathways for typical management environments of forest and forest products industries. These are:

- Arboriculture Manager
- Forest Manager
- Forestry Manager
- Harvesting Manager
- Nursery Manager
- Plantation Establishment Manager
- Plantation Manager
- Production Manager
- Sawmill Manager
- Timber Advisory Manager
- Timber Manufacturing Manager
- Tree Farm Manager

Entry may be gained through progression from a lower level FPI qualification or recognition of existing industry experience or qualifications.

This qualification may be suited to an Australian Apprenticeship pathway.

Licensing/Regulatory Information

Native FPI units may be subject to state or territory licensing, legislative, regulatory or certification requirements.
Some imported units in the elective bank may be subject to state or territory codes, regulations, licences and/or permits. These units must be implemented in line with the licensing requirements outlined in the unit's parent Training Package.

Entry Requirements

There are no entry requirements.

Employability Skills Summary

EMPLOYABILITY SKILLS QUALIFICATION SUMMARY	
The following table contains a summary of the employability skills for this qualification. This table should be interpreted in conjunction with the detailed requirements of each unit of competency packaged in this qualification. The outcomes described here are broad industry requirements that may vary depending on the packaging options.	
Employability Skill	**Industry/enterprise requirements for this qualification include**:
Communication	• Adjust and communicate strategies to all stakeholders according to organisational procedures • Communicate information from line manager/management to the team • Consult team members to establish team purpose, roles, responsibilities and accountabilities in accordance with organisational goals, plans and objectives • Manage records, reports and recommendations within the organisation's systems and processes
Teamwork	• Develop strategies to ensure that team members are actively encouraged and supported to participate in decision making processes, and to assume responsibility and exercise initiative as appropriate • Ensure leadership, supervision, coaching and mentoring assist colleagues to overcome difficulty in meeting customer service standards • Manage team performance to consistently meet the organisation's quality and delivery standards • Support team members in meeting expected performance outcomes
Problem-solving	• Communicate to, and follow up with, line manager/management and other relevant stakeholders, unresolved issues, concerns and problems raised by team members • Develop processes to ensure that issues, concerns and problems identified by team members are recognised and addressed • Take decisions to overcome problems and to adapt customer service and products and/or service delivery in consultation with appropriate individuals and groups • Use problem-solving skills to deal with complex and non-routine difficulties
Initiative and enterprise	• Identify and develop new skills to achieve and maintain a competitive edge

EMPLOYABILITY SKILLS QUALIFICATION SUMMARY	
	• Seek and use feedback from employees, clients and colleagues to identify and develop ways to improve competence • Take individual initiative to achieve and extend personal work goals beyond those planned • Take initiative to prioritise and facilitate competing demands to achieve personal, team and the organisation's goals and objectives
Planning and organising	• Ensure personal work goals, plans and activities reflect the organisation's plans, and own responsibilities and accountabilities • Ensure personal work planning and organisation serve as a positive role model in the workplace • Investigate, understand and assess the needs of customers and include in planning processes • Prepare action plans, including allocated responsibilities and time frames for implementation
Self-management	• Adjust own interpersonal styles and methods to the organisation's social and cultural environment, and guide and support members of the work team in their personal adjustment process • Assess the effectiveness of own management development • Ensure own contribution to work team serves as a role model for others and enhances the organisation's image to all stakeholders • Undertake participation in networks to enhance personal knowledge, skills and work relationships
Learning	• Assess personal knowledge and skills against competency standards to determine development needs, priorities and plans • Identify, evaluate, select and use development opportunities suitable to personal learning style/s to develop competence • Manage opportunities for further improvement
Technology	• Develop strategies to ensure that systems and procedures including technology are used to monitor operational progress and to identify ways in which planning and operations could be improved • Use technology efficiently and effectively to manage work priorities and commitments

Packaging Rules

Total number of units = 15

- 6 core units plus
- 9 elective units, consisting of:
    - 5 units from Group A
    - up to 4 units from Group A and/or Group B
    - up to 2 units recommended for packaging at Certificate IV, Diploma or Advanced Diploma level from this or any other endorsed Training Package or state/territory accredited course.

Elective units must be relevant to work undertaken in the forest and forest products industry

CORE UNITS

Field	Unit Code	Unit Title
Core	BSBCUS501C	Manage quality customer service
	BSBMGT502B	Manage people performance
	BSBMGT516C	Facilitate continuous improvement
	BSBWHS503A	Contribute to the systematic management of WHS risk
	BSBWOR501B	Manage personal work priorities and professional development
	BSBWOR502B	Ensure team effectiveness

GROUP A ELECTIVE UNITS

Field	Unit Code	Unit Title
Fire Control	PUALAW001B	Protect and preserve incident scene
	PUAOPE001B	Supervise response
	PUAFIR501B	Conduct fire investigation and analysis activities (unit has PUALAW001B Protect and preserve incident scene as a prerequisite)
	PUAFIR509B	Implement prevention strategies
	PUAOPE007B	Command agency personnel within a multi-agency emergency response (unit has PUAOPE001B Supervise response as a prerequisite)

Breeding & Propagation	AHCPHT503A	Manage a controlled growing environment
	FPIFGM5212A	Manage genetic resources
	FPIFGM5215A	Breed trees
Site Establishment & Maintenance	AHCIRG503A	Design irrigation, drainage and water treatment systems
	AHCWAT502A	Manage water systems
	FPIFGM5201B	Plan and manage an inventory program
	FPICOT5206B	Implement forestry chain of custody certification system
	FPIFGM5208B	Manage road construction and maintenance
	FPIFGM5214A	Develop a native forest regeneration plan
	FPIFGM5217A	Promote plantations as a sustainable form of land use
	LGAPLEM404A	Prepare and present geographic information systems data
	LGAPLEM612B	Protect heritage and cultural asset
Tree Growing & Maintenance	AHCPGD402A	Plan a plant establishment program
	AHCPMG503A	Develop a strategy for the management of target pests
	AHCNSY401A	Plan a growing-on program
	AHCNSY402A	Plan a propagation program
	AHCWRK505A	Manage trial and/or research material
	FPICOT5205A	Develop biohazard contingency plans
	FPIFGM5210A	Manage tending operations in a native forest
	FPIFGM5211A	Coordinate stand nutrition
	FPIFGM5213A	Coordinate plantation tending operations
	FPIFGM5216A	Manage coupe planning

Harvesting	FPICOT5209B	Manage tree harvesting to minimise environmental impact
	FPIHAR5201B	Design harvesting plans
Timber Products & Processes	FPICOT4201B	Produce complex truss and frame plans and details using computers
	FPICOT4202B	Design timber structures
	FPICOT4204B	Schedule and coordinate load shifting
	FPICOT4205B	Coordinate log debarking operations
	FPICOT4206B	Plan and coordinate boiler operations
	FPICOT4207B	Plan and coordinate heat plant operations
	FPICOT5207A	Implement sustainability in the workplace
	FPIFGM5219	Undertake carbon stock sampling of forests and plantations
	FPISAW4201B	Plan and monitor timber treatment plant operations
	FPISAW4202B	Plan and monitor saw log operations
	FPISAW4203B	Coordinate timber drying operations
	FPISAW4204B	Plan and monitor board conversion
	FPITMM4202B	Diagnose and calculate production costs
	FPITMM4203B	Install and commission CNC software
	FPITMM4204B	Sample and test products to specifications
	FPITMM5201B	Assess product feasibility of designs
	FPITMM5202B	Develop, trial and evaluate prototypes
	FPITMM5203B	Generate and transfer complex computer-aided drawings and specifications
	FPITMM5204B	Manage product design

	FPITMM5205B	Optimise CNC operations
	FPITMM5206B	Plan production
	FPIWPP4201B	Plan and coordinate panel production
	FPIWPP4202B	Perform laboratory testing
Competitive Manufacturing	MSS405001A	Develop competitive systems and practices for an organisation
	MSS405004A	Develop business plans in an organisation implementing competitive systems and practices

GROUP B ELECTIVE UNITS

Field	Unit Code	Unit Title
Machinery & Equipment	FPICOT5203B	Manage installation and commissioning of equipment
	FPICOT5204B	Organise enterprise maintenance programs
Safety & Quality Processes	AHCCHM401A	Minimise risks in the use of chemicals
	BSBRSK501B	Manage risk
	BSBSUS501A	Develop workplace policy and procedures for sustainability
	FPICOT5201B	Implement sustainable forestry practices
	PUAOPE005B	Manage a multi-team response
	MSS015011A	Conduct a sustainability energy audit
	MSS405070A	Develop and manage sustainable energy practices
Administration & Business	BSBAUD501B	Initiate a quality audit
	BSBFIM501A	Manage budgets and financial plans
	BSBINM501A	Manage an information or knowledge management

		system
	LGACOM401A	Administer contracts
	LGACOM409A	Prepare tender documentation
Planning & Analysis	BSBINN502A	Build and sustain an innovative work environment
	BSBMGT515A	Manage operational plan
	BSBPMG522A	Undertake project work
	BSBWRK506A	Coordinate research and analysis
	PSPGOV521A	Collect statistical data
Training & Assessment	BSBLED501A	Develop a workplace learning environment
Communication & Relationships	AHCBUS502A	Market products and services
	FPICOT5202B	Manage forestry information and interpretations programs
	FPICOT5208B	Build and maintain community relationships
	LGACOM502B	Devise and conduct community consultations
	LGAEHRR504C	Implement public environmental health education programs

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