Australian Government

FPI40111 Certificate IV in Forest Operations

Release 4

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Modification History

Release 4

PUAFIR511 and PUAFIR513 added to the elective bank of units to replace superseded units PUAFIR406B and PUAFIR407B.

Three imported units of competency updated:

- Elective unit HLTAID003 replaces HLTFA311A
- Elective unit HLTAID006 replaces HLTFA412A
- Elective unit HLTAID008 replaces HLTFA403C

Release 2

Imported units added to Group B elective bank:

- MSS015011A
- MSS405070A

Native and imported units updated to current versions:

- BSBPMG416A replaces BSBPMG408A – Not equivalent
- FPIFGM4203C replaces FPIFGM4203B – Equivalent
- HLTFA311A replaces HLTFA301C – Not equivalent
- HLTFA412A replaces HLTFA402C – Not equivalent
- SITTPPD402 replaces SITTPPD005A – Equivalent

Imported units updated to current release:

- PSPGOV602B
- PUALAW002B

Release 1.1

Seven imported units of competency updated:

- HLTFA403C replaces HLTFA403A - Equivalent
- BSBITS401B replaces BSBITS401A - Equivalent
- BSBCUS401B replaces BSBCUS401A - Equivalent
- TAEASS401B replaces TAEASS401A - Equivalent
- TAEASS402B replaces TAEASS402A - Equivalent
- TAEASS403B replaces TAEASS403A - Equivalent
- BSBWOR301B replaces BSBWOR301A - Equivalent

Description

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

Pathways Information

This qualification has eight employment pathways for typical forest operations environments. These are:

- Arboriculture Supervisor
- Farm Forestry Supervisor
- Forestry Supervisor
- Forestry Operations Supervisor
- Harvesting Supervisor
- Harvesting Team Leader
- Propagation and Stand Health Supervisor
- Tree Farm Supervisor

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	• Give and receive feedback constructively • Establish and maintain communication with others in accordance with forestry operation requirements • Record and report forestry operation procedures in accordance with workplace procedures • Use appropriate communication and interpersonal techniques with colleagues and others
Teamwork	• Collect feedback on performance of team members from relevant sources and compare with established team learning needs • Make plans to introduce change in consultation with appropriate personnel • Provide workplace learning opportunities and coaching and mentoring assistance to facilitate individual and team achievement of competencies • Report potential of fire to appropriate personnel
Problem-solving	• Control and monitor fire risks and hazards in accordance with workplace procedures • Identify problems, environmental issues and equipment faults and demonstrate appropriate response procedures • Immediately assess and rectify problems to avoid repetition of lost product • Monitor safe workplace procedures and safe work instructions for controlling risks and protecting the environment
Initiative and enterprise	• Coordinate product visual inspection before processing or completion • Record and review improvement recommendations for resourcing requirements • Review operational plans and site practices for potential improvement, modifications and time savings • Use feedback from individuals or teams to identify and implement improvements in future learning arrangements

EMPLOYABILITY SKILLS QUALIFICATION SUMMARY	
Planning and organising	• Identify and comply with applicable occupational health and safety, legislative and organisational requirements relevant to monitoring safety, health and environmental policies and procedures • Monitor organisation of duties, equipment and materials in accordance with safety, health and environmental requirements and organisational procedures • Plan potential of materials to provide the highest value added return • Plan product recovery to optimise the resource value and minimise waste
Self-management	• Apply, monitor and coordinate quality system procedures to personal work • Monitor care for the environment to check for integration into all day-to-day activities • Monitor safe workplace procedures for dealing with environmental incidents, accidents and emergencies within scope of responsibilities • Use and maintain personal protective equipment and clothing
Learning	• Identify and implement learning opportunities for others • Identify learning and development program goals and objectives to match specific knowledge and skill requirements of competency standards • Monitor training and operational controls to be in accordance with workplace procedures - training may include in-house or external training programs or one-on-one supervision • Systematically identify and implement learning and development needs in line with organisational requirements
Technology	• Select equipment appropriate to potential work requirements and check for operational effectiveness in accordance with manufacturer's recommendations • Use and maintain relevant tools, machinery and equipment

Packaging Rules

Total number of units = 14

- 5 core units plus
- 9 elective units, consisting of:
    - 2 units from Group A
    - up to 7 units from Group A and/or Group B
    - up to 2 units recommended for packaging at Certificate III, IV or 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 operations sectors of the industry, including forest growing and management and harvesting and haulage.

CORE UNITS

Field	Unit Code	Unit Title
Core	BSBLED401A	Develop teams and individuals
	FPICOR3203B	Evaluate fire potential and prevention
	FPICOR4201B	Monitor safety, health and environment policies and procedures
	FPICOR4202B	Monitor and review forestry operations
	FPICOR4203B	Monitor quality and product care procedures

GROUP A ELECTIVE UNITS

Field	Unit Code	Unit Title
Fire Control	PUAFIR511	Conduct complex prescribed burns (unit has PUAFIR303B Suppress wildfire as a prerequisite)
	PUAFIR513	Develop complex prescribed burn plans (unit has PUAFIR303B Suppress wildfire as a prerequisite)
	PUAOPE001B	Supervise response
Breeding & Propagation	AHCNSY402A	Plan a propagation program

Site Establishment & Maintenance	AHCNAR402A	Plan the implementation of revegetation works
	AHCILM401A	Protect places of cultural significance
	AHCIRG406A	Plan on-site irrigation system installation and construction work
	FPIFGM4201B	Implement a forest establishment plan
	FPIFGM4207B	Conduct a forest site assessment
	FPIFGM4208B	Plan a quarry
	FPIFGM4209B	Interpret and use aerial photographs for forest management
	PSPGOV521A	Collect statistical data
Tree Growing & Maintenance	AHCCHM402A	Plan and implement a chemical use program
	AHCPMG402A	Develop a pest management action plan within a local area
	FPIFGM4202B	Manage stand health
	FPIFGM4203C	Design plantations
	FPIFGM4204B	Conduct a pests and diseases assessment
	FPIFGM4205B	Monitor regeneration rates
	FPIFGM4206B	Conduct a wood volume and yield assessment
Harvesting Operations	FPIHAR4201B	Apply tree jacking techniques
	FPIHAR4202B	Coordinate log recovery (hook tender)
	FPIHAR4203B	Design log landings and snig tracks
	FPIHAR4204B	Plan and coordinate fire salvage operations
	FPIHAR4205B	Implement harvesting plans

| **Machinery & Equipment** | AHCMOM402A | Supervise maintenance of machinery and equipment |

GROUP B ELECTIVE UNITS

Field	**Unit Code**	**Unit Title**
Safety & Quality Processes	BSBMGT403A	Implement continuous improvement
	BSBRSK401A	Identify risk and apply risk management processes
	HLTAID003	Provide first aid
	HLTAID008	Manage first aid services and resources
	HLTAID006	Provide advanced first aid
	PUALAW002B	Conduct initial investigation at incident scene
	TLIF4007A	Implement and coordinate accident-emergency procedures
	MSS015011A	Conduct a sustainability energy audit
	MSS405070A	Develop and manage sustainable energy practices
Administration & Business	BSBINM401A	Implement workplace information system
	BSBITS401B	Maintain business technology
	BSBPMG416A	Apply project procurement procedures
	BSBWRT401A	Write complex documents
	FPIFGM4210B	Prepare a tender
	TLIR4002A	Source goods/services and evaluate contractors
Communication & Relationships	BSBCUS401B	Coordinate implementation of customer service strategies
	BSBWOR401A	Establish effective workplace relationships
	BSBWOR402A	Promote team effectiveness

Forestworks Learning and Skill Development

	PUACOM012B	Liaise with media at a local level
	SITTPPD402	Develop interpretive activities
Training & Assessment	BSBCMM401A	Make a presentation
	TAEASS401B	Plan assessment activities and processes
	TAEASS402B	Assess competence
	TAEASS403B	Participate in assessment validation
	TAEDEL301A	Provide work skill instruction
	TAEDEL401A	Plan, organise and deliver group-based learning
	TAEDES401A	Design and develop learning programs
	TAEDES402A	Use training packages and accredited courses to meet client needs
Planning & Analysis	BSBMGT402A	Implement operational plan
	BSBRES401A	Analyse and present research information
	BSBSMB404A	Undertake small business planning
	BSBWOR301B	Organise personal work priorities and development

Forestworks Learning and Skill Development