



**Australian Government**

# **FPI30113 Certificate III in Forest Growing and Management**

**Release 1**

# FPI30113 Certificate III in Forest Growing and Management

## Modification History

### Release 2

Qualification code updated to FPI30113 in FPI11 Version 2.

Core unit HLTF311A replaces HLTF301C – Not equivalent

One new unit added to elective bank: FPICOT3263

Elective unit HLTF412A replaces HLTF402C – Not equivalent

Imported units updated to current release:

- PUAFIR303B
- PUAFIR309B
- PUALAW002B
- PUAOHS002B
- PUATEA002B

### Release 1.1

#### Four imported units of competency updated:

- RIIMPO318B replaces RIIMPO318A - Equivalent
- RIIMPO320B replaces RIIMPO320A - Equivalent
- RIIMPO321B replaces RIIMPO321A - Equivalent
- RIIVEH304B replaces RIIVEH304A - Equivalent

FPIFGM3207B added to Group A, Tree Growing and Maintenance as per Case for Endorsement, November 2011

## Description

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

## Pathways Information

This qualification has seven employment pathways for typical operational environments of forest growing and management. These are:

- Arboriculture Technician
- Farm Forestry Technician
- Forestry Technician
- Nursery Technician
- Supervisor (Forestry Operations)
- Tree Planter
- Silviculturalist

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	
<p>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.</p>	
Employability Skill	Industry/enterprise requirements for this qualification include:
Communication	<ul style="list-style-type: none"> <li>• Communicate information from line manager/management to the team</li> <li>• Communicate unresolved issues to line manager/management and follow up to ensure action is taken in response</li> <li>• Use appropriate communication and interpersonal techniques with colleagues and others</li> </ul>
Teamwork	<ul style="list-style-type: none"> <li>• Actively encourage and support team members to participate in team activities and communication processes</li> <li>• Identify appropriate personnel in the event of an emergency</li> </ul>
Problem-solving	<ul style="list-style-type: none"> <li>• Limited responsibility for addressing issues, concerns and problems identified by team members or referring them to relevant persons as required</li> <li>• Follow safe workplace procedures and safe work instructions for controlling risks and protecting the environment</li> <li>• Identify problems, environmental issues and equipment faults and demonstrate appropriate response procedures</li> <li>• Monitor environmental measures and impact on the environment and take corrective action as required according to workplace procedures</li> </ul>
Initiative and enterprise	<ul style="list-style-type: none"> <li>• Detect and assess hazards in the work area and report to appropriate personnel</li> <li>• Encourage team members to participate in the planning, decision making and operational aspects of the work team to their level of responsibility</li> <li>• Monitor hazardous and flammable substances to assess the potential of spillage and combustion</li> </ul>
Planning and organising	<ul style="list-style-type: none"> <li>• Record and report workplace information and maintain documentation</li> <li>• Identify and comply with occupational health and safety, legislative and organisational requirements relevant to implementing health, safety and environment policies and procedures</li> <li>• Organise duties, equipment and materials according to health, safety and environmental requirements and</li> </ul>

EMPLOYABILITY SKILLS QUALIFICATION SUMMARY	
	<p>organisational procedures</p> <ul style="list-style-type: none"> <li>• Plan evaluation processes according to site procedures</li> </ul>
Self-management	<ul style="list-style-type: none"> <li>• Ensure own contribution to work team serves as a role model for others and enhances the organisation's image within the work team, the organisation and with customers</li> <li>• Follow safe workplace procedures for dealing with environmental incidents, accidents and emergencies within scope of responsibilities</li> <li>• Integrate care for the environment into all day-to-day activities</li> <li>• Seek appropriate support to assist and improve own performance to achieve personal and organisational goals and objectives</li> </ul>
Learning	<ul style="list-style-type: none"> <li>• Identify opportunities for professional development</li> <li>• Implement training and operational controls according to workplace procedures, which may include: <ul style="list-style-type: none"> <li>• in-house or external training programs</li> <li>• one-on-one supervision</li> <li>• programs that maintain up-to-date knowledge of legislative changes at the local, state and federal level</li> </ul> </li> <li>• Practise and record emergency and evacuation procedures in the event of an emergency</li> <li>• Record and report information regarding learning and competency development according to organisational requirements</li> </ul>
Technology	<ul style="list-style-type: none"> <li>• Record and report health, safety and environment procedures according to workplace procedures, which may be manual, or using a computer-based system or other appropriate organisational communication system</li> <li>• Use and maintain relevant tools, machinery and equipment</li> </ul>

## Packaging Rules

Total number of units = 13

- 6 core units plus
- 7 elective units, consisting of:
  - 3 units from Group A
  - up to 4 units from Group A and/or Group B
  - up to 2 units recommended for packaging at Certificate II, III or IV 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 growing and management sector of the industry.

### CORE UNITS

Field	Unit Code	Unit Title
Core	BSBFLM312C	Contribute to team effectiveness
	FPICOR2201B	Work effectively in the forest and forest products industry
	FPICOR2202B	Communicate and interact effectively in the workplace
	FPICOR3201B	Implement safety, health and environment policies and procedures
	FPICOR3203B	Evaluate fire potential and prevention
	HLTFA311A	Apply first aid

### GROUP A ELECTIVE UNITS

Field	Unit Code	Unit Title
Fire Control	AHCWRK302A	Monitor weather conditions
	PUAFIR303B	Suppress wildfire (unit has PUAFIR204B Respond to wildfire as a prerequisite)
	PUAFIR309B	Operate pumps (unit has the following prerequisite units: PUAFIR203B Respond to urban fire OR PUAFIR204B Respond to wildfire OR PUAFIR205B Respond to aviation incident (specialist))
	PUALAW002B	Conduct initial investigation at incident scene
	PUAOHS002B	Maintain safety at an incident scene

	PUATEA002B	Work autonomously
<b>Breeding and Propagation</b>	AHCNSY301A	Maintain nursery plants
	AHCNSY306A	Implement a propagation plan
	FPIFGM3201B	Manage seed collection
	FPIFGM3202B	Extract seed
<b>Site Establishment and Maintenance</b>	AHCINF303A	Plan and construct conventional fencing
	AHCIRG301A	Implement a maintenance program for an irrigation system
	AHCIRG306A	Troubleshoot irrigation systems
	AHCLSC302A	Construct landscape features using concrete
	AHCLSC304A	Erect timber structures and features
	AHCSAW302A	Implement erosion and sediment control measures
	FPICOT3221B	Rehabilitate tracks, quarries and landings
	FPIFGM3209B	Construct and maintain forest roads and tracks
	FPIFGM3210B	Patrol forest
	<b>Grading and Testing</b>	FPICOR3204B
FPICOT3223B		Grade and mark logs
FPICOT3250A		Prepare timber to meet import/export compliance requirements
<b>Tree Growing &amp; Maintenance</b>	FPICOR3202B	Conduct quality and product care procedures
	FPICOT3252A	Use environmental care procedures to undertake fire salvage operations
	FPIFGM3212	Fall trees manually (intermediate)

FPIFGM3213	Fall trees manually (advanced)
FPIFGM3206B	Plan and implement non-commercial thinning operations
FPIFGM3207B	Coordinate stem improvement
FPIFGM3211B	Manage coppice stems
AHCPMG301A	Control weeds
AHCPMG302A	Control plants, pests, diseases and disorders
AHCARB307A	Undertake complex tree climbing

### GROUP B ELECTIVE UNITS

Field	Unit Code	Unit Title
<b>Machinery and Equipment</b>	AHCMOM301A	Coordinate machinery and equipment maintenance and repair
	FPICOT3259	Operate a four-wheel drive on unsealed roads
	FPICOT3260	Recover four-wheel drive vehicles
	FPIFGM3214	Operate a four wheel drive in a towing situation
	FPIFGM3215	Perform complex 4x4 operations
<b>Specialist Machinery and Equipment</b>	A maximum of 2 units may be selected from this field	
	FPICOT3238B	Operate a pole saw
	RIIHAN308A	Load and unload plant
	RIIMPO315A	Conduct tractor operations
	RIIMPO317A	Conduct roller operations
	RIIMPO318B	Conduct civil construction skid steer loader operations
	RIIMPO319A	Conduct backhoe/loader operations
	RIIMPO320B	Conduct civil construction excavator operations
	RIIMPO321B	Conduct civil construction wheeled front end loader operations
	RIIMPO322A	Conduct civil construction tracked front end loader operations



	RIIMPO324A	Conduct civil construction grader operations
	RIIVEH304B	Conduct tip truck operations
	TLID3036A	Lift and move load using a mobile crane
<b>Load Handling</b>	AHCCHM304A	Transport, handle and store chemicals
	TLID3011A	Conduct specialised forklift operations
	TLID3014A	Load and unload vehicles carrying special loads
<b>Safety and Quality Processes</b>	AHCCHM303A	Prepare and apply chemicals
	FPICOT3202B	Navigate in remote or trackless areas
	FPICOT3254A	Implement environmentally sustainable work practices in the work area/work site
	FPICOT3255	Apply silvicultural principles
	FPICOT3256	Apply biodiversity protection principles
	FPICOT3257	Follow cultural heritage requirements
	FPICOT3258	Comply with soil and water protection
	FPICOT3263	Maintain and contribute to energy efficiency
	HLTFA412A	Apply advanced first aid (unit has HLTFA311A Apply first aid as a prerequisite)
	TLID3035A	Operate a boom type elevating work platform
<b>Administration and Business</b>	BSBINM301A	Organise workplace information
	BSBITU306A	Design and produce business documents
<b>Communication and Relationships</b>	BSBFLM303C	Contribute to effective workplace relationships
	FPICOT3222B	Present forestry information and interpretations programs

**Planning and Analysis** BSBFLM305C Support operational plan