



**Australian Government**

# **FPI20111 Certificate II in Forest Growing and Management**

**Release 4**

# **FPI20111 Certificate II in Forest Growing and Management**

## **Modification History**

### **Release 4**

Reinstatement of missing elective banks:

- Site Establishment and Maintenance
- Breeding and Propagation
- Tree Growing and Maintenance

### **Release 3**

Mapping of FPI20111 updated to reflect change of usage recommendation to Current.

One new unit added to elective bank: FPICOT3263

Elective unit PUAFIR215 replaces PUAFIR201B – Equivalent

### **Release 2**

Imported units updated to current releases.

### **Release 1**

Qualification code updated to FPI20111 in FPI11 Version 1.

The following units added to the qualification as electives:

- AHCCHM304A Transport, handle and store chemicals
- FPICOT2236 Fall trees manually (basic)
- FPICOT3259 Operate a four-wheel drive on unsealed roads

## **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 Worker
- Farm Forestry Worker
- Forestry Worker
- Nursery Worker
- Plantation Establishment Worker
- Plantation Forest Officer
- 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

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	<ul style="list-style-type: none"> <li>• Clarify legal and procedural requirements with appropriate personnel, to ensure consistency of interpretation and application</li> <li>• Communicate and work safely with others in the work area</li> <li>• Identify and comply with safety signs and symbols</li> <li>• Notify appropriate personnel and complete an incident report</li> </ul>
Teamwork	<ul style="list-style-type: none"> <li>• Receive and action feedback</li> <li>• Make constructive contributions to the group</li> <li>• Provide assistance to and seek assistance from co-workers to achieve work tasks</li> <li>• Share relevant workplace information with co-workers to achieve designated individual and team goals and objectives</li> </ul>
Problem-solving	<ul style="list-style-type: none"> <li>• Solve routine problems</li> <li>• Eliminate or reduce and report fire risks and hazards according to workplace procedures</li> <li>• Follow up instances of unclear visual communications to avoid repeated problems</li> <li>• Minimise immediate risk to self, as well as the health and safety of others, by controlling hazards according to occupational health and safety requirements</li> </ul>
Initiative and enterprise	<ul style="list-style-type: none"> <li>• Check own role and responsibilities with appropriate personnel according to organisational requirements</li> <li>• Note and communicate goals or outcomes to appropriate personnel</li> <li>• Recognise signs of fire and raise alarm at appropriate time according to workplace procedures</li> <li>• Suggest improvements to workplace practices and resource efficiency to relevant personnel</li> </ul>
Planning and organising	<ul style="list-style-type: none"> <li>• Locate, record and report workplace information</li> <li>• Comply with applicable legislative and procedural requirements in an ethical manner consistent with workplace standards</li> <li>• Maintain quality and product care according to environmental legislation and workplace procedures</li> </ul>

EMPLOYABILITY SKILLS QUALIFICATION SUMMARY	
	<ul style="list-style-type: none"> <li>Gather, convey and receive information</li> </ul>
Self-management	<ul style="list-style-type: none"> <li>Apply, follow and adhere to quality system procedures in personal work</li> <li>Identify and comply with applicable occupational health and safety, legislative and organisational requirements relevant to communicating and interacting with others</li> <li>Maintain work relationships</li> <li>Follow environmental care procedures according to organisational requirements</li> </ul>
Learning	<ul style="list-style-type: none"> <li>Identify and establish opportunities for professional development in consultation with appropriate personnel and according to organisational procedures</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>Request appropriate medical assistance using relevant communication media and equipment, which may include mobile phone, satellite phone, HF or VHF radio, flags, flares, two-way radio, email and electronic 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 I, II or III 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	FPICOR2201B	Work effectively in the forest and forest products industry
	FPICOR2202B	Communicate and interact effectively in the workplace

FPICOR2203B	Follow environmental care procedures
FPICOR2204B	Follow fire prevention procedures
FPICOR2205B	Follow OHS policies and procedures
HLTFA301C	Apply first aid

## GROUP A ELECTIVE UNITS

Field	Unit Code	Unit Title
<b>Fire Control</b>	AHCFIR201A	Assist with prescribed burning
	AHCWRK201A	Observe and report on weather
	FPIFGM2211B	Detect fires
	PUAEQU001B	Prepare, maintain and test response equipment
	PUAFIR215	Prevent injury
	PUAFIR204B	Respond to wildfire (unit has PUAFIR201B Prevent injury as a prerequisite)
	PUAFIR209B	Work safely around aircraft
	PUALAW001B	Protect and preserve incident scene
	PUAOPE002B	Operate communications systems and equipment
	PUATEA001B	Work in a team
<b>Site Establishment and Maintenance</b>	AHCILM201A	Maintain cultural places
	AHCINF202A	Install, maintain and repair fencing
	AHCINF203A	Maintain properties and structures
	AHCIRG204A	Lay irrigation and/or drainage pipes
	AHCIRG206A	Maintain pressurised irrigation systems
	AHCPMG201A	Treat weeds
	AHCSAW201A	Conduct erosion and sediment control activities

	FPIFGM2207B	Undertake brushcutting operations
	FPIFGM2210B	Implement animal pest control procedures
	FPIFGM2214B	Maintain visitor sites
	LGAWORK212A	Perform field support duties in a roadwork environment
<b>Breeding and Propagation</b>	AHCNSY201A	Pot up plants
	AHCNSY203A	Undertake propagation activities
	FPIFGM2201B	Collect seed
	FPIFGM2202B	Prepare seedbed
	FPIFGM2209B	Cut, sort and set cuttings
	FPIFGM2212B	Graft cuttings
	FPIFGM2213B	Process seed
<b>Tree Growing and Maintenance</b>	AHCARB204A	Undertake standard climbing techniques
	AHCARB206A	Undertake stump removal
	AHCPMG202A	Treat plant pests, diseases and disorders
	AHCNSY202A	Tend nursery plants
	FPICOT2236	Fall trees manually (basic)
	FPICOR2207B	Maintain quality and product care
	FPICOT2220B	Select trees for tending operations
	FPICOT2239A	Trim and cut felled trees
	FPIFGM2203B	Plant trees by hand
	FPIFGM2204B	Plant trees mechanically
	FPIFGM2205B	Prune trees
	FPIFGM2206B	Collect data or samples for assessment

<b>Grading and Testing</b>	FPIFGM2215B	Measure trees
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## GROUP B ELECTIVE UNITS

Field	Unit Code	Unit Title
<b>Warehousing and Distribution</b>	AHCNSY302A	Receive and dispatch nursery products
	FPICOT2228B	Store materials
<b>Machinery and Equipment</b>	TLID3033A	Operate a vehicle-mounted loading crane
	FPICOT2237A	Maintain chainsaws
	FPICOT3259	Operate a four-wheel drive on unsealed roads
	TLIC2002A	Drive light rigid vehicle
	TLIC3003A	Drive medium rigid vehicle
<b>Load Handling</b>	AHCCHM304A	Transport, handle and store chemicals
	TLID2004A	Load and unload goods/cargo
	TLID2010A	Operate a forklift
	TLID2012A	Operate specialised load shifting equipment
	TLILIC2001A	Licence to operate a forklift truck
<b>Safety and Quality Processes</b>	AHCCHM201A	Apply chemicals under supervision
	AHCWRK203A	Operate in isolated and remote situations
	FPICOT2233B	Navigate in forest areas
	RIIOHS205A	Control traffic with stop-slow bat
	FPICOT3263	Maintain and contribute to energy efficiency



<b>Administration and Business</b>	BSBINM201A	Process and maintain workplace information
	BSBITU201A	Produce simple word processed documents
	BSBWOR204A	Use business technology