FPI30111 Certificate III in Forest Growing and Management

Release: 1

FPI30111 Certificate III in Forest Growing and Management

Modification History

Qualification code updated to FPI30111 to reflect Training Package update from FPI05 Version 3 to FPI11 Version 1.

The following units have been added to the qualification as electives:

- AHCCHM304A Transport, handle and store chemicals
- FPICOT3255 Apply silvicultural principles
- FPICOT3256 Apply biodiversity protection principles
- FPICOT3257 Follow cultural heritage requirements
- FPICOT3258 Comply with soil and water protection
- FPICOT3259 Operate a four-wheel drive on unsealed roads
- FPICOT3260 Recover four-wheel drive vehicles
- FPIFGM3212 Fall trees manually (intermediate)
- FPIFGM3213 Fall trees manually (advanced)
- FPIFGM3214 Operate a four-wheel drive in a towing situation
- FPIFGM3215 Perform complex four-wheel drive operations.

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 two employment pathways for typical operational environments of forest growing and management. These are:

- Forest technical officer
- Nursery technician.

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.

Forestworks Learning and Skill Development

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	• Communicate information from line manager/management to the team • Communicate unresolved issues to line manager/ management and follow up to ensure action is taken in response • Use appropriate communication and interpersonal techniques with colleagues and others
Teamwork	• Actively encourage and support team members to participate in team activities and communication processes • Identify appropriate personnel in the event of an emergency
Problem-solving	• Limited responsibility for addressing issues, concerns and problems identified by team members or referring them to relevant persons as required • Follow safe workplace procedures and safe work instructions for controlling risks and protecting the environment • Identify problems, environmental issues and equipment faults and demonstrate appropriate response procedures • Monitor environmental measures and impact on the environment and take corrective action as required according to workplace procedures
Initiative and enterprise	• Detect and assess hazards in the work area and report to appropriate personnel • Encourage team members to participate in the planning, decision making and operational aspects of the work team to their level of responsibility • Monitor hazardous and flammable substances to assess the potential of spillage and combustion
Planning and organising	• Record and report workplace information and maintain documentation • Identify and comply with occupational health and safety, legislative and organisational requirements relevant to implementing health, safety and environment policies and procedures • Organise duties, equipment and materials according to health, safety and environmental requirements and

EMPLOYABILITY SKILLS QUALIFICATION SUMMARY	
	organisational procedures • Plan evaluation processes according to site procedures
Self-management	• 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 • Follow safe workplace procedures for dealing with environmental incidents, accidents and emergencies within scope of responsibilities • Integrate care for the environment into all day-to-day activities • Seek appropriate support to assist and improve own performance to achieve personal and organisational goals and objectives
Learning	• Identify opportunities for professional development • Implement training and operational controls according to workplace procedures, which may include: • in-house or external training programs • one-on-one supervision • programs that maintain up-to-date knowledge of legislative changes at the local, state and federal level • Practise and record emergency and evacuation procedures in the event of an emergency • Record and report information regarding learning and competency development according to organisational requirements
Technology	• 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 • Use and maintain relevant tools, machinery and equipment

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 Name
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
	HLTFA301C	Apply first aid

GROUP A ELECTIVE UNITS

Field	Unit Code	Unit Name
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 PUAFIR202B Respond to isolated/remote structure 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
Breeding and Propagation	AHCNSY301A	Maintain nursery plants
	AHCNSY306A	Implement a propagation plan
	FPIFGM3201B	Manage seed collection
	FPIFGM3202B	Extract seed
Site Establishment and Maintenance	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
Grading and Testing	FPICOR3204B	Visually assess materials
	FPICOT3223B	Grade and mark logs
	FPICOT3250A	Prepare timber to meet import/export compliance requirements
Tree Growing & Maintenance	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
	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 Name
Machinery and Equipment	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 four-wheel drive operations
Specialist Machinery and Equipment	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
	RIIMPO318A	Conduct skid steer loader operations
	RIIMPO319A	Conduct backhoe/loader operations
	RIIMPO320A	Conduct civil construction excavator operations
	RIIMPO321A	Conduct civil construction wheeled front end loader operations

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	RIIMPO322A	Conduct civil construction tracked front end loader operations
	RIIMPO324A	Conduct civil construction grader operations
	RIIVEH304A	Conduct tip truck operations
	TLID3036A	Lift and move load using a mobile crane
Load Handling	AHCCHM304A	Transport, handle and store chemicals
	TLID3011A	Conduct specialised forklift operations
	TLID3014A	Load and unload vehicles carrying special loads
Safety and Quality Processes	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
	HLTFA402C	Apply advanced first aid (unit has HLTFA301C Apply first aid as a prerequisite)
	TLID3035A	Operate a boom type elevating work platform
Administration and Business	BSBINM301A	Organise workplace information
	BSBITU306A	Design and produce business documents
Communication and Relationships	BSBFLM303C	Contribute to effective workplace relationships
	FPICOT3222B	Present forestry information and interpretations programs

Planning and
Analysis

BSBFLM305C

Support operational plan