



Australian Government

Department of Education, Employment and Workplace Relations

FPI40105 Certificate IV in Forest Operations

Release: 1

FPI40105 Certificate IV in Forest Operations

Modification History

Not Applicable

Description

Not Applicable

Pathways Information

Not Applicable

Licensing/Regulatory Information

Not Applicable

Entry Requirements

Not Applicable

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**Packaging Rules**

Total number of units = 14

5 Core units *plus*

- 2 Elective units from Group A *plus*
- 7 Elective units from Group A and/or Group B, which can include up to 2 relevant units from any endorsed Training Package or State/Territory accredited course, of which at least one unit must be recommended for packaging at Certificate III, Certificate IV or Diploma. 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 Name
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 Name
Fire Control	PUAFIR406B	Develop prescribed burning plans (<i>unit has PUAFIR303B Suppress wildfire as a pre-requisite</i>)
	PUAFIR407B	Conduct prescribed burning (<i>unit has PUAFIR303B Suppress wildfire as a pre-requisite</i>)
	PUAOPE001B	Supervise response
Breeding & Propagation	RTF4015A	Plan a propagation program
Site Establishment & Maintenance	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
	RTD4020A	Plan the implementation of revegetation works
	RTD4508A	Protect places of cultural significance

CORE UNITS

	RTE4607A	Plan on-site irrigation system installation and construction work
Tree Growing & Maintenance	FPIFGM4202B	Manage stand health
	FPIFGM4203B	Design plantations
	FPIFGM4204B	Conduct a pests and diseases assessment
	FPIFGM4205B	Monitor regeneration rates
	FPIFGM4206B	Conduct a wood volume and yield assessment
	RTC4703A	Plan and implement a chemical use program
	RTD4403A	Develop a pest management action plan within a local area
	RTF4006A	Plan a tree pruning program
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	RTC4306A	Supervise maintenance of machinery and equipment

GROUP B ELECTIVE UNITS

Field	Unit Code	Unit Name
Safety & Quality Processes	BSBMGT403A	Implement continuous improvement
	BSBRISK401A	Identify risk and apply risk management processes
	HLTFA301B	Apply first aid
	HLTFA402B	Apply advanced first aid (<i>unit has HLTFA301B Apply first aid as a pre-requisite</i>)
	HLTFA403A	Manage first aid in the workplace (<i>to be assessed in conjunction with or after HLTFA402B</i>)

CORE UNITS

	PUALAW002B	Conduct initial investigation at incident scene
	TLIF707C	Implement and coordinate accident-emergency procedures
Administration & Business	BSBINM401A	Implement workplace information system
	BSBITS401A	Maintain business technology
	BSBPMG408A	Apply contract and procurement procedures
	BSBSMB406A	Manage small business finances
	BSBWRT401A	Write complex documents
	FPIFGM4210B	Prepare a tender
	TLIR207C	Source goods/services and evaluate contractors
Communication & Relationships	BSBCUS401A	Coordinate implementation of customer service strategies
	BSBWOR401A	Establish effective workplace relationships
	BSBWOR402A	Promote team effectiveness
	PUACOM012B	Liaise with media at a local level
	SITTPPD005A	Plan and develop interpretive activities
Training & Assessment	BSBCMM401A	Make a presentation
	TAEASS401A	Plan assessment activities and processes
	TAEASS402A	Assess competence
	TAEASS403A	Participate in assessment validation
	TAEDEL301A	Provide work skill instruction
	TAEDEL401A	Plan, organise and deliver group-based learning
	TAEDEL402A	Plan, organise and facilitate learning in the workplace
	TAEDEL402A	Plan, organise and facilitate learning in the workplace

CORE UNITS

	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
	BSBWOR301A	Organise personal work priorities and development