AHC40924 Certificate IV in Conservation and Ecosystem Management

(was AHC40920)

Following strategic revisions of the AHC Training Package by unit sector, several qualifications and skill sets require updating to include the improved units.

Broad consultation phase has resulted in the additional change to the qualification:

- BSBPMG430 Undertake project work to be included as a Group B elective

The qualification equivalency status has now been added. Due to the changes in the core of this qualification, the status has been deemed not equivalent.

We are now seeking final validation of this qualification. To validate, please use the survey link on the project webpage.

The units of competency updated in this qualification are highlighted, please see notes on changes between the current and updated units at the end of this document for more information.

Modification History

Release	Comments
Release 1	This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 10.0.

AHC40924	Certificate IV in Conservation and Ecosystem Management

Qualification Description

This qualification has the practical skills and theoretical knowledge required for specialised or skilled work in the conservation and ecosystem management industry.

The qualification provides for advanced skills and/or supervisory roles in a broad range of conservation and ecological work or can focus on areas of specific needs including:

- supervisory and management
- indigenous land management
- ecosystem management
- pest controller
- fire management.

No licensing, legislative or certification requirements apply to this qualification at the time of publication.

Entry Requirements

There are no entry requirements for this qualification.

Key:

Superseded units / recommended replacements

New unit

Additional change

Proposed deletion - deleted units/units proposed for deletion

Packaging Rules

To achieve this qualification, competency must be demonstrated in:

- 12 units of competency:
    - 2 core unit plus
    - 10 elective units.

Elective units must ensure the integrity of the qualification's Australian Qualification Framework (AQF) alignment and contribute to a valid, industry-supported vocational outcome. The electives are to be chosen as follows:

- at least 3 units must be selected from Group A
- remaining units may be selected from Group A or B or C and up to 4 units may be selected from any currently endorsed Training Package or accredited course
- Elective Group C can only be selected if required as a prerequisite.

Where First Aid training is required, the current unit must be imported using the import rules above.

Core Units

AHCECR308	Conduct a site inspection for ecological restoration
AHCWHS402	Maintain workplace health and safety processes

Elective Units

An asterisk (*) next to the unit code indicates that there are prerequisite requirements which must be met when packaging the qualification. Please refer to the Prerequisite requirements table for details.

Group A

AHCBUS407	Cost a project
AHCBUS410	Report on a project
AHCECR401	Supervise ecological restoration works
AHCECR402	Plan the implementation of revegetation works
AHCLPW406	Supervise the monitoring of biodiversity
AHCLPW408	Implement land and sea management practices
AHCLPW409	Inspect and monitor culturally significant places
AHCLPW410	Produce maps for land management purposes
AHCOCM401	Protect places of cultural significance
AHCOCM402	Report on place of potential cultural significance
AHCOCM403	Contribute to a proposal for a negotiated outcome related to Country
AHCPMG401	Implement the pest monitoring and evaluation plan
AHCPMG409	Implement a pest management plan

AHCPMG412	Develop a pest management plan
AHCPMG413	Define the pest problem
AHCSAW402	Set out conservation earthworks
AHCSAW404	Supervise implementation of conservation earthworks plans
AHCWRK403	Supervise work routines and staff performance
MSS024032	Document simple geological information for a site
PUAFIR402 *	Conduct simple prescribed burns

Group B

AHCBER403	Plan and supervise control activities on infected premises
AHCBER404	Conduct field surveillance for a biosecurity emergency response
AHCBIO401	Plan and implement a biosecurity program
AHCBUS403	Prepare project acquittal
AHCBUS407	Cost a project
AHCBUS408	Operate within a budget framework
AHCBUS410	Report on a project
~~AHCCCF407~~	~~Obtain resources from community and groups~~
~~AHCCCF409~~	~~Participate in assessments of project submissions~~
~~AHCCCF410~~	~~Support individuals in resource management change processes~~
AHCCCF417	Obtain and manage sponsorship
AHCCCF418	Contribute to association governance
AHCCCF419	Present proposed courses of action at a meeting
AHCCCF420	Facilitate ongoing group development
AHCCCF421	Develop approaches to include cultural and human diversity
AHCCCF422	Coordinate events to support group purpose
AHCCHM404	Develop procedures to minimise risks in the use of chemicals
AHCCHM405	Plan and implement a chemical use program
AHCLPW406	Supervise the monitoring of biodiversity

AHCLPW407	Process applications for changes in land use
AHCLPW410	Produce maps for land management purposes
AHCLSC404	Supervise landscape project works
AHCMOM402	Supervise maintenance of property, machinery and equipment
AHCOCM404	Record and document Aboriginal and/or Torres Strait Islander Community history
AHCOCM405	Develop work practices to accommodate cultural identity
AHCPCM404	Recommend plants and cultural practices
AHCPGD404	Plan a plant establishment program
AHCPMG402	Ensure compliance with pest legislation
AHCPMG501	Develop a regional pest management plan
AHCPMG502	Investigate a pest control failure
AHCPMG508	Develop a system to monitor and evaluate the pest management plan
AHCSAW402	Set out conservation earthworks
AHCSAW404	Supervise implementation of conservation earthworks plans
AHCSOL409	Supervise acid sulphate soil remediation and management projects
AHCWRK404	Implement quality assurance procedures
AHCWRK406	Develop community networks
AHCWRK407	Promote community programs
AHCWRK408	Provide information on issues and policies
AHCWRK409	Supervise work routines and staff performance
BSBINS401	Analyse and present research information
BSBLDR414	Lead team effectiveness
BSBPMG428	Apply project life cycle management processes
BSBPMG430	Undertake project work
CHCCDE018	Develop and implement community programs
FWPNSY3002	Extract, clean, store and despatch tree seeds
LGACOR007	Conduct community consultations

~~LGAPLEM508A~~	~~Manipulate and analyse data within geographic information systems~~
MSL913004	Plan and conduct laboratory/field work
MSMSUP280	Manage conflict at work
PSPPCY014	Support policy implementation
PUACOM012	Liaise with media at a local level
PUAFIR203 *	Respond to urban fire
PUAFIR204 *	Respond to wildfire
PUAFIR207 *	Operate breathing apparatus open circuit
PUAFIR210	Prevent injury
PUAFIR302 *	Suppress urban fire
PUAFIR303 *	Suppress wildfire
PUAFIR402 *	Conduct simple prescribed burns
PUALAW001	Protect and preserve incident scene
PUAOPE015	Conduct briefings and debriefings
PUAOPE016 *	Manage a multi-team sector
SFICRO401	Manage minor crocodile incidents in the wild
SFICRO403	Capture, transport and release crocodiles
SITTGDE019	Research and share general information on Australian Indigenous cultures
SITTGDE020	Prepare specialised interpretive content on flora, fauna and landscape
SITTGDE022	Prepare specialised interpretive content on cultural and heritage environments
SITTPPD013	Develop interpretive activities
SITXCCS010	Provide visitor information
TAEDEL311	Provide work skill instruction
TLIR4002	Source goods/services and evaluate contractors

Group C Prerequisite Unit

HLTAID011	Provide First Aid

Prerequisite Units

Note: Units listed in the Prerequisite requirement column that have their own prerequisite requirements are shown with an asterisk (*)

Unit of competency	Prerequisite requirement
PUAFIR203 Respond to urban fire	PUAFIR207 Operate breathing apparatus open circuit*
PUAFIR204 Respond to wildfire	PUAFIR210 Prevent injury
PUAFIR207 Operate breathing apparatus open circuit	PUAFIR210 Prevent injury
PUAFIR302 Suppress urban fire	HLTAID011 Provide First Aid PUAFIR203 Respond to urban fire *
PUAFIR303 Suppress wildfire	PUAFIR204 Respond to wildfire *
PUAFIR402 Conduct simple prescribed burns	PUAFIR303 Suppress wildfire *
PUAOPE016 Manage a multi-team sector	PUAFIR302 Suppress urban fire * OR PUAFIR303 Suppress wildfire *

Qualification Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
AHC40924 Certificate IV in Conservation and Ecosystem Management	AHC40920 Certificate IV in Conservation and Ecosystem Management	Updated 1 Core unit, 37 elective units, added 1 elective unit and deleted 4 units	Not equivalent

Links

Companion Volumes, including Implementation Guides, are available at VETNet:
https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72

Qualification: AHC40924 Certificate IV in Conservation and Ecosystem Management (was AHC40920)

Acronyms:

E – Equivalent

NE - Not Equivalent

PC – Performance Criteria

PE – Performance Evidence

KE – Knowledge Evidence

AC – Assessment Conditions

AHC - Agriculture, Horticulture and Conservation and Land Management Training Package

Unit's location in impacted qualification	Current Unit	Replacement Unit	Equivalence	Notes on change
Core	AHCWHS401 Maintain work health and safety processes	AHCWHS402 Maintain workplace health and safety processes	NE	Minor changes to unit <u>Title</u> and <u>Application</u>. Work replaced with workplace and changes to emphasise clear and respectful communication Major changes to <u>Performance Criteria</u>. Increased emphasis on the importance of clear and respectful communication, both written and oral Reference to both 'near misses' and 'emergencies'. Removal of qualifier words such as regularly, clearly and accurately <u>Foundation Skills</u> added (Reading and Oral communication) <u>Range of Conditions</u> removed completely

Unit's location in impacted qualification	Current Unit	Replacement Unit	Equivalence	Notes on change
				Addition of frequency to the Performance Evidence. '*There must be evidence that the individual has maintained workplace health and safety processes on at least one occasion*' Addition and removal of specific Knowledge Evidence points in line with updated terminology and current workplace health and safety processes Assessment Conditions updated Recommendation: Use updated unit AHCWHS402, this unit of competency was reviewed and developed in close association with Farmsafe Australia
Elective	AHCCCF401 Prepare project acquittal	AHCBUS403 Prepare project acquittal	NE	Changes to unit Application and Unit Sector Minor changes to Performance Criteria Foundation Skills added Major and minor edits to Performance Evidence, Knowledge Evidence and Assessment Conditions
Elective	AHCCCF402 Report on project	AHCBUS410 Report on a project	NE	Changes to unit Title, Application and Unit Sector Minor changes to Performance Criteria Foundation Skills added Major and minor edits to Performance Evidence, Knowledge Evidence and Assessment Conditions *Note: This unit in both elective Group A and Group B Does it need to be listed twice?
Elective	AHCCCF403 Obtain and manage sponsorship	AHCCCF417 Obtain and manage sponsorship	NE	Changes to unit Application Minor changes to Performance Criteria Foundation Skills added

Unit's location in impacted qualification	Current Unit	Replacement Unit	Equivalence	Notes on change
				Major and minor edits to Performance Evidence, Knowledge Evidence and Assessment Conditions
Elective	AHCCCF404 Contribute to association governance	AHCCCF418 Contribute to association governance	NE	Changes to unit Application Major and minor changes to Performance Criteria Foundation Skills added Major and minor edits to Performance Evidence, Knowledge Evidence and Assessment Conditions
Elective	AHCCCF405 Develop community networks	AHCWRK406 Develop community networks	NE	Changes to unit Application and Unit Sector Minor changes to Performance Criteria Foundation Skills added Major and minor edits to Performance Evidence, Knowledge Evidence and Assessment Conditions
Elective	AHCCCF406 Facilitate ongoing group development	AHCCCF420 Facilitate ongoing group development	NE	Changes to unit Application Minor changes to Performance Criteria Foundation Skills added Major and minor edits to Performance Evidence, Knowledge Evidence and Assessment Conditions
Elective	AHCCCF408 Promote community programs	AHCWRK407 Promote community programs	NE	Unit Sector change. This unit was initially designated to be deleted due to low/zero enrolments. Stakeholder consultation supported recoding from the sector Community Coordination and Facilitation (CCF) to Work (WRK), to broaden its' application across a wider range of industry sectors Application simplified and reworded Minor changes to Performance Criteria

Unit's location in impacted qualification	Current Unit	Replacement Unit	Equivalence	Notes on change
				Foundation Skills added (Reading, Writing and Oral communication) Addition of frequency to Performance Evidence and information re-organised and re-worded for clarity Minor changes to Knowledge Evidence Assessment Conditions updated
Elective	AHCCCF411 Develop approaches to include cultural and human diversity	AHCCCF421 Develop approaches to include cultural and human diversity	NE	Changes to unit Application Minor changes to Performance Criteria Foundation Skills added Major and minor edits to Performance Evidence, Knowledge Evidence and Assessment Conditions
Elective	AHCCCF415 Coordinate social events to support group purposes	AHCCCF422 Coordinate events to support group purpose	NE	Changes to unit Title and Application Major and minor changes to Performance Criteria Foundation Skills added Major and minor edits to Performance Evidence, Knowledge Evidence and Assessment Conditions
Elective	AHCCCF416 Present proposed courses of action to meeting	AHCCCF419 Present proposed courses of action at a meeting	NE	Changes to unit Title and Application Major and minor changes to Performance Criteria Foundation Skills added Major and minor edits to Performance Evidence, Knowledge Evidence and Assessment Conditions

Unit's location in impacted qualification	Current Unit	Replacement Unit	Equivalence	Notes on change
Elective	AHCILM401 Protect places of cultural significance	AHCOCM401 Protect places of cultural significance	NE	Application updated Elements and Performance Criteria revised for clarity Foundation Skills added Performance Evidence, Knowledge Evidence and Assessment Conditions updated
Elective	AHCILM402 Report on place of potential cultural significance	AHCOCM402 Report on place of potential cultural significance	NE	Application updated Elements and Performance Criteria revised for clarity Foundation Skills added Performance Evidence, Knowledge Evidence and Assessment Conditions updated
Elective	AHCILM403 Contribute to the proposal for a negotiated outcome for a given area of Country	AHCOCM403 Contribute to a proposal for a negotiated outcome related to Country	NE	Title updated Application updated Elements and Performance Criteria revised for clarity Foundation Skills added Performance Evidence, Knowledge Evidence and Assessment Conditions updated
Elective	AHCILM404 Record and document Community history	AHCOCM404 Record and document Aboriginal and/or Torres Strait Islander Community history	NE	Title updated Application updated Elements and Performance Criteria revised for clarity Foundation Skills added Performance Evidence, Knowledge Evidence and Assessment Conditions updated
Elective	AHCILM405 Develop work practices to accommodate cultural identity	AHCOCM405 Develop work practices to accommodate cultural identity	NE	Application updated Elements and Performance Criteria revised for clarity Foundation Skills added Performance Evidence, Knowledge Evidence and Assessment Conditions updated

Unit's location in impacted qualification	Current Unit	Replacement Unit	Equivalence	Notes on change
Elective	AHCPCM401 Recommend plants and cultural practices	AHCPCM404 Recommend plants and cultural practices	NE	Minor changes to Application Minor changes to Performance Criteria Foundation Skills added Assessment Requirements updated
Elective	AHCWRK401 Implement and monitor quality assurance procedures	AHCWRK404 Implement quality assurance procedures	NE	Minor changes to unit Title and Application. Wording change to remove 'monitor' Performance Criteria re-ordered and three added to cover industry-based systematic approaches to quality assurance, record keeping and document control registers Foundation Skills added (Reading, Writing and Oral communication) Range of Conditions removed completely Addition of frequency to Performance Evidence and additional points to cover updated systems and procedures for implementing quality assurances across a wide range of industry sectors Addition and removal of specific Knowledge Evidence points. Removal of references to critical control points HACCP and inclusion of record keeping templates and document control registers Assessment Conditions updated
Elective	AHCWRK402 Provide information on issues and policies	AHCWRK408 Provide information on issues and policies	NE	Minor changes to Application Minor change to Elements 3 and 4. Performance Criteria re-ordered, and consolidated

Unit's location in impacted qualification	Current Unit	Replacement Unit	Equivalence	Notes on change
				Foundation Skills added (Writing and Oral communication) Range of Conditions removed completely Addition of frequency to Performance Evidence and minor changes Major and minor changes to Knowledge Evidence. Included methods of assessing the reliability, credibility and authenticity of information and removed references to local, regional, state and national issues and international treaties, agreements and charters Assessment Conditions updated
Elective	AHCWRK403 Supervise work routines and staff performance	AHCWRK409 Supervise work routines and staff performance	NE	Minor changes to Application Re-ordering, amalgamation and consolidation of Performance Criteria Foundation Skills added Oral communication) Range of Conditions removed completely Addition of frequency to Performance Evidence and additional focus on the development and communication of staff work plans. Major and minor changes to Knowledge Evidence to focus on workplace requirements applicable to health and safety in the workplace for supervising work routines and staff performance Assessment Conditions updated

Unit's location in impacted qualification	Current Unit	Replacement Unit	Equivalence	Notes on change
Elective	CHCCDE002 Develop and implement community programs	CHCCDE018 Develop and implement community programs	NE	Major and minor changes to unit
Elective	FWPFGM3201 Manage seed collection	FWPNSY3002 Extract, clean, store and despatch tree seeds	NE	Redesigned unit that includes content from *FWPFGM2213 Process seed*, *FWPFGM3201 Manage seed collection*, and *FWPFGM3202 Extract seed*
Elective	LGACOM502B Devise and conduct community consultations	LGACOR007 Conduct community consultations	NE	Major and minor changes to unit
Elective	MSS024020 Recognise common geological landforms and samples	MSS024032 Document simple geological information for a site	NE	Unit code changed. Unit <u>Title</u> changed. <u>Application</u> changed. <u>Performance Criteria</u> changed. <u>Foundation Skills</u> populated. <u>Assessment Requirements</u> changed. Workplace outcome changed
Elective	PSPPCY004 Support policy implementation	PSPPCY014 Support policy implementation	NE	Major and minor changes to unit
Elective	AHCLSC401 Supervise landscape project works	AHCLSC404 Supervise landscape project works	E	Minor changes to application Minor changes to performance criteria Foundation skills added Assessment requirements updated
Elective	AHCPGD402 Plan a plant establishment program	AHCPGD404 Plan a plant	E	Minor changes to application Minor changes to performance criteria Foundation skills added

Unit's location in impacted qualification	Current Unit	Replacement Unit	Equivalence	Notes on change
		establishment program		Assessment requirements updated
Elective	AHCPMG410 Implement the pest monitoring and evaluation plan	AHCPMG401 Implement the pest monitoring and evaluation plan	E	Minor changes to Application and Performance Criteria for clarity Updated Performance Evidence, Knowledge Evidence and Assessment Conditions
Elective	AHCPMG411 Ensure compliance with pest legislation	AHCPMG402 Ensure compliance with pest legislation	E	Changes to Application and Performance Criteria for clarity Updated Foundation Skills, Performance Evidence, Knowledge Evidence and Assessment Conditions
Elective	AHCPMG507 Develop a regional pest management plan	AHCPMG501 Develop a regional pest management plan	E	Minor changes to Application Minor changes and consolidation of Elements and Performance Criteria Foundation Skills added Updated Performance Evidence and Assessment Conditions
Elective	AHCPMG509 Investigate a pest control failure	AHCPMG502 Investigate a pest control failure	E	Minor changes to Application and Performance Criteria for clarity Updated Performance Evidence, Knowledge Evidence and Assessment Conditions
Elective	SITTGDE007 Research and share general information on Australian Indigenous cultures	SITTGDE019 Research and share general information on Australian Indigenous cultures	E	Minor updates to unit
Elective	SITTGDE008 Prepare specialised interpretive content on flora, fauna and landscape	SITTGDE020 Prepare specialised interpretive content on flora, fauna and landscape	E	Minor updates to unit
Elective	SITTGDE010 Prepare specialised interpretive content on cultural and	SITTGDE022 Prepare specialised interpretive content on cultural and	E	Minor updates to unit

Unit's location in impacted qualification	Current Unit	Replacement Unit	Equivalence	Notes on change
	heritage environments	heritage environments		
Elective	SITTPPD002 Develop interpretive activities	SITTPPD013 Develop interpretive activities	E	Minor updates to unit
Elective	SITXCCS002 Provide visitor information	SITXCCS010 Provide visitor information	E	Minor updates to unit
Elective	TAEDEL301 Provide work skill instruction	TAEDEL311 Provide work skill instruction	E	Minor updates to unit
Elective	LGAPLEM508A Manipulate and analyse data within geographic information systems	Deleted		
Elective	AHCCCF407 Obtain resources from community and groups	Unit proposed for deletion in the recent _Ag & Horticulture Core Skills Project_ due to low enrolments.		
Elective	AHCCF409 Participate in assessments of project submissions	Unit proposed for deletion in the recent _Ag & Horticulture Core Skills Project_ due to low enrolments.		
Elective	AHCCF410 Support individuals in resource management change processes	Unit proposed for deletion in the recent _Ag & Horticulture Core Skills Project_ due to low enrolments.		