# 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.

Skills Insight is seeking comment from those who may be impacted by the replacement of the units so that disruptions can be minimised. These updates are not to change the intent of the qualifications, simply to include units already consulted on with stakeholders to better meet skills needs.

Below is an updated version of Certificate IV in Conservation and Ecosystem Management as well as a summary of the updates made to units within it.

This document provides a list of units of competency to be updated in this qualification and includes notes on changes between the current and updated units. Other units are not included as they don't need to be changed.

**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

**Key:**

Superseded units / recommended replacements

New unit

~~Proposed deletion~~ - deleted units/units proposed for deletion

**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.

**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 |
| 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<br>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 *<br>OR<br>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, 32 Elective units and deleted 4 units | To be confirmed |

**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)**

| 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 Title and Application. Work replaced with workplace and changes to emphasise clear and respectful communication<br><br>Major changes to Performance Criteria. Increased emphasis on the importance of clear and respectful communication, both written and oral<br>Reference to both 'near misses' and 'emergencies'. Removal of qualifier words such as regularly, clearly and accurately<br><br>Foundation Skills added (Reading and Oral communication)<br><br>Range of Conditions removed completely<br><br>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*'<br><br>Addition and removal of specific Knowledge Evidence points in line with updated terminology and current workplace health and safety processes<br><br>Assessment Conditions updated<br><br>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<br>Minor changes to Performance Criteria<br>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 | AHCCCF402 Report on project | AHCBUS410 Report on a project | NE | Changes to unit Title, Application and Unit Sector<br>Minor changes to Performance Criteria<br>Foundation Skills added<br>Major and minor edits to Performance Evidence, Knowledge Evidence and Assessment Conditions<br><br>*Note: This unit in both elective Group A and Group B<br>Does it need to be listed twice? |
| Elective | AHCCCF403 Obtain and manage sponsorship | AHCCCF417 Obtain and manage sponsorship | NE | Changes to unit Application<br>Minor changes to Performance Criteria<br>Foundation Skills added<br>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<br>Major and minor changes to Performance Criteria<br>Foundation Skills added<br>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<br>Minor changes to Performance Criteria<br>Foundation Skills added<br>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 | AHCCCF406 Facilitate ongoing group development | AHCCCF420 Facilitate ongoing group development | NE | Changes to unit Application<br>Minor changes to Performance Criteria<br>Foundation Skills added<br>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<br><br>Application simplified and reworded<br><br>Minor changes to Performance Criteria<br><br>Foundation Skills added (Reading, Writing and Oral communication)<br><br>Addition of frequency to Performance Evidence and information re-organised and re-worded for clarity<br><br>Minor changes to Knowledge Evidence<br><br>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<br>Minor changes to Performance Criteria<br>Foundation Skills added<br>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 | AHCCCF415 Coordinate social events to support group purposes | AHCCCF422 Coordinate events to support group purpose | NE | Changes to unit Title and Application<br>Major and minor changes to Performance Criteria<br>Foundation Skills added<br>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<br>Major and minor changes to Performance Criteria<br>Foundation Skills added<br>Major and minor edits to Performance Evidence, Knowledge Evidence and Assessment Conditions |
| Elective | AHCILM401 Protect places of cultural significance | AHCOCM401 Protect places of cultural significance | NE | Application updated<br>Elements and Performance Criteria revised for clarity<br>Foundation Skills added<br>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<br>Elements and Performance Criteria revised for clarity<br>Foundation Skills added<br>Performance Evidence, Knowledge Evidence and Assessment Conditions updated |
| Elective | AHCILM403 Contribute to the proposal for a negotiated outcome | AHCOCM403 Contribute to a proposal for a negotiated outcome related to Country | NE | Title updated<br>Application updated<br>Elements and Performance Criteria revised for clarity<br>Foundation Skills added |

| Unit's location in impacted qualification | Current Unit | Replacement Unit | Equivalence | Notes on change |
|---|---|---|---|---|
| | for a given area of Country | | | 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<br>Application updated<br>Elements and Performance Criteria revised for clarity<br>Foundation Skills added<br>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<br>Elements and Performance Criteria revised for clarity<br>Foundation Skills added<br>Performance Evidence, Knowledge Evidence and Assessment Conditions updated |
| Elective | AHCPCM401 Recommend plants and cultural practices | AHCPCM404 Recommend plants and cultural practices | NE | Minor changes to Application<br>Minor changes to Performance Criteria<br>Foundation Skills added<br>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'<br><br>Performance Criteria re-ordered and three added to cover industry-based systematic approaches to quality assurance, record keeping and document control registers<br><br>Foundation Skills added (Reading, Writing and Oral communication) |

| Unit's location in impacted qualification | Current Unit | Replacement Unit | Equivalence | Notes on change |
|---|---|---|---|---|
| | | | | 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

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 | AHCWRK409 Supervise work | NE | Minor changes to Application |

| Unit's location in impacted qualification | Current Unit | Replacement Unit | Equivalence | Notes on change |
|---|---|---|---|---|
| | routines and staff performance | routines and staff performance | | Re-ordering, amalgamation and consolidation of Performance Criteria<br><br>Foundation Skills added Oral communication)<br><br>Range of Conditions removed completely<br><br>Addition of frequency to Performance Evidence and additional focus on the development and communication of staff work plans.<br><br>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<br><br>Assessment Conditions updated |
| 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 | MSS024032 Document simple geological | NE | Unit code changed.<br>Unit Title changed. |

| Unit's location in impacted qualification | Current Unit | Replacement Unit | Equivalence | Notes on change |
|---|---|---|---|---|
| | landforms and samples | information for a site | | <u>Application</u> changed. <br> <u>Performance Criteria</u> changed. <br> <u>Foundation Skills</u> populated. <br> <u>Assessment Requirements</u> changed. <br> 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 <br> Minor changes to performance criteria <br> Foundation skills added <br> Assessment requirements updated |
| Elective | AHCPGD402 Plan a plant establishment program | AHCPGD404 Plan a plant establishment program | E | Minor changes to application <br> Minor changes to performance criteria <br> Foundation skills added <br> 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 <br> 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 <br> 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 <br> Minor changes and consolidation of Elements and Performance Criteria <br> Foundation Skills added <br> Updated Performance Evidence and Assessment Conditions |

| Unit's location in impacted qualification | Current Unit | Replacement Unit | Equivalence | Notes on change |
|---|---|---|---|---|
| Elective | AHCPMG509 Investigate a pest control failure | AHCPMG502 Investigate a pest control failure | E | Minor changes to Application and Performance Criteria for clarity<br>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 heritage environments | SITTGDE022 Prepare specialised interpretive content on cultural and heritage environments | E | Minor updates to unit |
| 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 | Deleted | | |

| Unit's location in impacted qualification | Current Unit | Replacement Unit | Equivalence | Notes on change |
|---|---|---|---|---|
| | analyse data within geographic information systems | | | |
| 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. | | |