Modification History

| Release | Comments |
| --- | --- |
| Release 2 | This version released with AHC Agriculture, Horticulture, Conservation and Land Management Training Package Version 4.0. |
| Release 1 | This version released with AHC Agriculture, Horticulture, Conservation and Land Management Training Package Version 1.0. |

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| AHC4XX19 | Certificate IV in Irrigation Management |
| Qualification DescriptionThis qualification describes the skills and knowledge for job roles in the irrigation industry including; installation supervisors, installation site managers, irrigation managers and irrigation sales management.Individuals with this qualification perform tasks involving technical skills, problem solving and supervisory skills to operate, monitor and improve performance of irrigation systems and supervise the installation of irrigation systems.Work must comply with work health and safety and environmental regulations and legislation that apply to the workplace.No occupational licensing, legislative or certification requirements apply to this qualification at the time of publication. |
| Entry RequirementsThere are no entry requirements for this qualification. |
| Packaging RulesTo achieve this qualification, competency must be demonstrated in: * 12 units of competency:
* 8 core units plus
* 4 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:* 2 must be from the electives list below
* 2 from the remaining electives listed below or any other currently endorsed Training Package or accredited course

Core Units

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| AHCIRG402 | Determine hydraulic parameters for an irrigation system |
| AHCIRG404 | Implement an irrigation-related environmental protection program |
| AHCIRG408 | Schedule irrigations |
| AHCIRG410 | Select and manage pumping systems for irrigation |
| AHCIRG415 | Interpret and apply irrigations designs |
| AHCIRG431 | Supervise irrigation system installation |
| AHCIRG432 | Supervise irrigation system maintenance |
| AHCWHS401 | Maintain work health and safety processes |

Elective Units

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| AHCBUS402 | Cost a project |
| AHCBUS404 | Operate within a budget framework |
| AHCDRG401 | Coordinate and supervise installation of an irrigation drainage system |
| AHCDRG402 | Monitor and control irrigation drainage systems |
| AHCINF304 | Install and terminate extra low voltage wiring systems |
| AHCIRG303 | Measure irrigation delivery system performance |
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| AHCIRG422 | Manage a moving sprinkler irrigation system |
| AHCIRG426 | Evaluate water supply for irrigation |
| AHCIRG433 | Manage irrigation systems |
| AHCIRG434 | Manage surface irrigation systems |
| AHCMER401 | Coordinate customer service and networking activities |
| AHCMER407 | Provide irrigation sales and service |
| AHCSOL401 | Sample soils and interpret results |
| AHCWRK401 | Implement and monitor quality assurance processes |
| AHCWRK403 | Supervise work routines and staff performance |
| AHCWRK405 | Implement and monitor environmentally sustainable work practices |
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| BSBHRM405 | Support the recruitment, selection and induction of staff |
| BSBLDR403 | Lead team effectiveness |
| BSBMGT402 | Implement operational plan |
| BSBRES401 | Analyse and present research information |
| BSBRKG304 | Maintain business records |
| BSBRKG403 | Set up a business or records system for a small business |
| BSBSMB421 | Manage small business finances |
| BSBWOR404 | Develop work priorities |
| BSBWRT401 | Write complex documents |
| ICTICT402 | Determine project specifications and secure client agreement |
| NWPTRT062 | Operate and control reclaimed water irrigation |
| NWP410C | Coordinate and monitor asset construction and maintenance |
| NWPIRR033 | Coordinate and monitor the operation of irrigation delivery systems |
| TAEASS301 | Contribute to assessment |
| TAEDEL301 | Provide work skill instruction |

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| Qualification Mapping Information

| Code and title current version | Code and title previous version | Comments | Equivalence status |
| --- | --- | --- | --- |
| AHC4XX19 Certificate IV in Irrigation ManagementRelease 1 | AHC41116 Certificate IV in IrrigationRelease 1 | Amended packaging rules, new core and elective units | Not equivalent qualification |

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