Modification History

| Release | Comments |
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| Release 1 | 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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| AHC5XX19 | Diploma of Irrigation Design |
| Qualification Description  This qualification describes the skills and knowledge for job roles in the irrigation industry including; irrigation system designer, irrigation business manager and irrigation system assessor.  Individuals with this qualification will take personal responsibility and exercise autonomy in undertaking complex work. They must analyse information and exercise judgement to complete a range of advance skilled activities.  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 Requirements  There are no entry requirements for this qualification. | |
| Packaging Rules  To achieve this qualification, competency must be demonstrated in:   * 11 units of competency: * 6 core units plus * 5 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:   * 3 must be from the electives list below * 2 from the remaining electives listed below or any other endorsed Training Package or accredited course   Core Units   |  |  | | --- | --- | | AHCIRG402 | Determine hydraulic parameters for an irrigation system | | AHCIRG501 | Audit irrigation systems | | AHCIRG502 | Design irrigation system maintenance and monitoring programs | | AHCIRG503 | Design irrigation, drainage and water treatment systems | | AHCIRG504 | Develop an irrigation and drainage management plan | | AHCSOL402 | Develop a soil use map for a property |   Elective Units   |  |  | | --- | --- | | AHCBUS501 | Manage staff | | AHCBUS502 | Market products and services | | AHCBUS503 | Negotiate and monitor contracts | | AHCBUS504 | Prepare estimates, quotes and tenders | | AHCBUS506 | Develop and review a business plan | | AHCBUS507 | Monitor and review business performance | | AHCBUS508 | Prepare and monitor budgets and financial reports | | AHCDRG501 | Design drainage systems | | AHCIRG505 | Establish and maintain an irrigation-related environmental protection program | | AHCMER304 | Recommend irrigation products and services | | AHCMER404 | Provide advice on agronomic products | | AHCMER407 | Provide irrigation sales and service | | AHCWHS501 | Manage work health and safety processes | | AHCWRK502 | Collect and manage data | | AHCWRK503 | Prepare reports | | AHCWRK507 | Implement professional practice | | AHCWRK509 | Provide specialist advice to clients | | AHCWRK510 | Audit site operations | | AHCWRK511 | Develop workplace policy and procedures for sustainability | | BSBCUS501 | Manage quality customer service | | BSBFIM501 | Manage budgets and financial plans | | BSBHRM506 | Manage recruitment selection and induction processes | | BSBRES401 | Analyse and present research information | | PUAMAN005B | Manage projects | | SIRXCLM402 | Manage store facilities | | SIRXMER004A | Manage merchandise and store presentation | | SIRXSLS406 | Manage sales and service delivery | | TLIR4002 | Source goods/services and evaluate contractors | | |

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| Qualification Mapping Information   | Code and title current version | Code and title previous version | Comments | Equivalence status | | --- | --- | --- | --- | | AHC5XX19 Diploma of Irrigation Design  Release 1 | AHC51616 Diploma of Irrigation Management  Release 1 | Amended qualification title and packaging rules, new core unit and elective units | Not equivalent qualification | |
| Links  Companion Volumes, including Implementation Guides, are available at VETNet: <https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72> |