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 2 | This version released with AHC Agriculture, Horticulture, Conservation and Land Management Training Package Version 1.1. |
| Release 1 | This version released with AHC Agriculture, Horticulture, Conservation and Land Management Training Package Version 1.0. |

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| AHC3XX19 | Certificate III in Irrigation Technology |
| Qualification Description  This qualification describes the skills and knowledge for trade level roles carried out under broad supervision in the irrigation industry.  Individuals with this qualification perform tasks involving a broad range of skills that are applied in a wide variety of contexts, which will involve discretion and judgement in selecting and operating equipment, coordinating resources and applying contingency measures during work.  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:   * 22 units of competency: * 10 core units plus * 12 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:   * 6 must be from electives group A * 2 must be from electives group A or B * 4 from the remaining units listed in groups A or B, or any other endorsed Training Package or accredited course packaged at Certificate III.   Core 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.   |  |  | | --- | --- | | AHCINF304 | Install and terminate extra low voltage wiring systems | | AHCIRG303 | Measure irrigation delivery system performance | | AHCIRG306 | Troubleshoot irrigation systems | | AHCIRG308 | Monitor soils under irrigation | | AHCIRG309 | Install irrigation pumps | | AHCIRG310 | Operate and maintain irrigation pumping systems | | AHCIRG315 | Interpret irrigation plans and drawings | | AHCIRG331 | Install pressurised irrigation systems | | AHCWHS301 | Contribute to work health and safety processes | | AHCWRK309 | Apply environmentally sustainable work practices |   Elective Units  Group A   |  |  | | --- | --- | | AHCDRG302 | Measure drainage system performance | | AHCDRG303 | Troubleshoot drainage systems | | AHCDRG304 | Maintain and repair irrigation drainage systems | | AHCIRG3XX | Operate irrigation controller and sensor technology | | AHCIRG326 | Operate irrigation injection equipment | | AHCIRG327 | Implement an irrigation schedule | | AHCIRG332 | Operate pressurised irrigation systems | | AHCIRG333 | Maintain pressurised irrigation systems | | AHCIRG335 | Operate and maintain moving irrigation system | | AHCIRG3XX | Operate and maintain gravity fed irrigation systems | | AHCIRG3XX | Install gravity fed irrigation systems | | AHCWRK305 | Coordinate worksite activities | | CPCPIG2021A\* | Design domestic urban irrigation systems | | CPCPIG3021\*A | Set out, install and commission irrigation systems | | CPCPWT3027A\* | Connect irrigation systems from drinking water supply |   Group B   |  |  | | --- | --- | | AHCCHM101 | Follow basic chemical safety rules | | AHCCHM201 | Apply chemicals under supervision | | AHCCHM304 | Transport and store chemicals | | AHCLPW306 | Undertake sampling and testing of water | | AHCMER301 | Process customer complaints | | AHCMER303 | Sell products and services | | AHCMER304 | Recommend irrigation products and services | | AHCMOM204 | Undertake operational maintenance of machinery | | AHCMOM208 | Conduct excavator operations | | AHCMOM304 | Operate machinery and equipment | | AUMGTW001 | Perform basic welding, thermal cutting, heating and gouging | | BSBWRT301 | Write simple documents | | CPCPCM2043A | Carry out WHS requirements | | MEMPE001A | Use engineering workshop machines | | MEM07032B | Use workshop machines for basic operations | | MEM18001C | Use hand tools | | MEM18002B | Use power tools/hand held operations | | MSTGN3003 | Estimate and cost job | | NWPIRR002 | Operate basic flow control and regulating devices in irrigation systems | | NWPIRR013 | Construct and install irrigation delivery and stormwater drainage assets | | NWPIRR014 | Install meters for rural water supplies | | NWPIRR022 | Maintain meters for rural water supplies | | NWPIRR024 | Monitor and conduct maintenance on flow control and metering devices | | NWPIRR042 | Monitor and schedule water deliveries | | NWPNET002 | Prepare and restore work site | | NWPNET011 | Locate, identify and protect utilities | | NWPTRT062 | Operate and control reclaimed water irrigation | | PMBWELD301 | Butt weld polyethylene plastic pipelines | | PMBWELD302 | Electrofusion weld polyethylene pipelines | | SIRINV001 | Receive and handle stock | | SIRINV002 | Control stock | | SIRRMER003 | Coordinate visual merchandising | | SIRXCEG003 | Build customer relationships and loyalty | | SIRXPDK001 | Advise on products and services | | SITXCCS006 | Provide service to customers | | ICTWOR304 | Manage spare parts | | TLIK2010 | Use infotechnology devices in the workplace | | TLILIC0003 | Licence to operate a forklift truck | | UEENEEE101A | Apply Occupational Health and Safety regulations, codes and practices in the workplace | | UEENEEP024A\* | Attach cords and plugs to electrical equipment for connection to a single phase 230 Volt supply |   Prerequisite requirements   |  |  | | --- | --- | | Unit of competency | Prerequisite requirement | | CPCPIG2021A Design domestic urban irrigation systems | CPCMCM2043A Carry out WHS requirements | | CPCPIG3021A Set out, install and commission irrigation systems | CPCMCM2043A Carry out WHS requirements | | CPCPWT3027A Connect irrigation systems from drinking water supply | CPCPCM2043A Carry out WHS requirements | | UEENEEP024A Attach cords and plugs to electrical equipment for connection to a single phase 230 Volt supply | UEENEEE101A Apply Occupational Health and Safety regulations, codes and practices in the workplace | | |

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| Qualification Mapping Information   | Code and title current version | Code and title previous version | Comments | Equivalence status | | --- | --- | --- | --- | | AHC3XX19 Certificate III in Irrigation Technology  Release 1 | AHC32416 Certificate III in Irrigation  Release 2 | Amended packaging rules, new core 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> |