

Modification History

Release	Comments
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.

AHC3XX19	Certificate III in Irrigation Technology																		
<p>Qualification Description</p> <p>This qualification describes the skills and knowledge for trade level roles in the irrigation industry. The tradesperson job titles include:</p> <ul style="list-style-type: none"> irrigation installer irrigation maintenance technician irrigation system operator <p>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.</p> <p>Work must comply with work health and safety and environmental regulations and legislation that apply to the workplace.</p> <p>No occupational licensing, legislative or certification requirements apply to this qualification at the time of publication.</p>																			
<p>Entry Requirements</p> <p>There are no entry requirements for this qualification.</p>																			
<p>Packaging Rules</p> <p>To achieve this qualification, competency must be demonstrated in:</p> <ul style="list-style-type: none"> 22 units of competency: <ul style="list-style-type: none"> 10 core units plus 12 elective units. <p>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:</p> <ul style="list-style-type: none"> 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. 																			
<p>Core Units</p> <p>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.</p> <table border="1"> <tbody> <tr> <td>AHCDRG301</td> <td>Install drainage systems</td> </tr> <tr> <td>AHCIRG306</td> <td>Troubleshoot irrigation systems</td> </tr> <tr> <td>AHCIRG308</td> <td>Monitor soils under irrigation</td> </tr> <tr> <td>AHCIRG309</td> <td>Install irrigation pumps</td> </tr> <tr> <td>AHCIRG310</td> <td>Operate and maintain irrigation pumping systems</td> </tr> <tr> <td>AHCIRG315</td> <td>Interpret irrigation plans and drawings</td> </tr> <tr> <td>AHCIRG331</td> <td>Install pressurised irrigation systems</td> </tr> <tr> <td>AHCWRK309</td> <td>Apply environmentally sustainable work practices</td> </tr> <tr> <td>CPCPCM2043A</td> <td>Carry out WHS requirements</td> </tr> </tbody> </table>		AHCDRG301	Install drainage systems	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	AHCWRK309	Apply environmentally sustainable work practices	CPCPCM2043A	Carry out WHS requirements
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CPCPIG3021A*	Set out, install and commission irrigation systems
Elective Units	
Group A	
AHCDRG302	Measure drainage system performance
AHCDRG303	Troubleshoot drainage systems
AHCDRG304	Maintain and repair irrigation drainage systems
AHCINF304	Install and terminate extra low voltage wiring systems
AHCIRG303	Measure irrigation delivery system performance
AHCIRG325	Operate irrigation technology
AHCIRG326	Operate irrigation injection equipment
AHCIRG327	Implement an irrigation schedule
AHCIRG332	Operate pressurised irrigation systems
AHCIRG333	Maintain pressurised irrigation systems
AHCIRG334	Operate and maintain gravity fed irrigation systems
AHCIRG335	Operate and maintain moving irrigation system
AHCWRK305	Coordinate worksite activities
CPCPIG2021A	Design domestic urban 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
MEMPE001A	Use engineering workshop machines
MEM07032B	Use workshop machines for basic operations
MEM18001C	Use hand tools
MEM18002B	Use power tools/hand held operations
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
NWPTRT062	Operate and control reclaimed water irrigation
PMBWELD301	Butt weld polyethylene plastic pipelines
PMBWELD302	Electrofusion weld polyethylene pipelines
TLIK2010	Use infotechnology devices in the workplace
TLILIC0003	Licence to operate a forklift truck
Prerequisite requirements	
Unit of competency	Prerequisite requirement

CPCPWT3027A Connect irrigation systems from drinking water supply	CPCPCM2043A Carry out WHS requirements
CPCPIG3021A Set out, install and commission irrigation systems	CPCMCM2043A Carry out WHS requirements

Qualification Mapping Information			
Code and title current version	Code and title previous version	Comments	Equivalence status
AHC3XX19 Certificate III in Irrigation Technology Release 1	AHC32412 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>