



Australian Government

AHC41116 Certificate IV in Irrigation

Release: 1

AHC41116 Certificate IV in Irrigation

Modification History

Release	TP Version	Comment
1	AHCv1.0	Initial release

Qualification Description

This qualification reflects the technical and supervisory skills and knowledge required to operate as supervisors and specialists within the irrigation industry. It applies to irrigation installation site managers and managers of irrigation systems in the irrigation servicing, horticulture and agriculture industries.

No occupational licensing, legislative or certification requirements apply to this qualification at the time of publication. However, an individual unit of competency may specify relevant licensing, legislative or regulatory requirements. Specific determination should be sought through the relevant State or Territory.

Entry Requirements

There are no entry requirements for this qualification.

Packaging Rules

Total number of units = 12

- Core Units = 1
- Elective Units = 11

Core Units

Unit Code	Unit Title
AHCWHS401	Maintain work health and safety processes

Elective Units

- Select 7 units from Group A
- Select 2 units from Group A or B
- 2 units may be selected from Group B or this or any other endorsed Training Package or Accredited Course

Selected units must be relevant to job outcomes in irrigation and must be chosen to ensure the integrity of the qualification outcome at AQF level 4

Group A

Unit Code	Unit Title
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
AHCIRG426	Evaluate water supply for irrigation
AHCIRG431	Supervise irrigation system installation
AHCIRG432	Supervise irrigation system maintenance
AHCIRG433	Manage irrigation systems

AHCIRG434	Manage surface irrigation systems
AHCIRG422	Manage a moving sprinkler irrigation system
AHCDRG401	Coordinate and supervise installation of an irrigation drainage system
AHCDRG402	Monitor and control irrigation drainage systems
AHCSOL401	Sample soils and interpret results

Group B

Unit Code	Unit Title
AHCBUS402	Cost a project
AHCBUS404	Operate within a budget framework
AHCINF304	Install and terminate extra low voltage wiring systems
AHCIRG303	Measure irrigation delivery system performance
AHCMER407	Provide irrigation sales and service
AHCPMG409	Implement a pest management plan
AHCWRK401	Implement and monitor quality assurance processes
AHCWRK403	Supervise work routines and staff performance
BSBHRM405	Support the recruitment, selection and induction of staff
BSBLDR403	Lead team effectiveness
BSBMGT402	Implement operational plan
BSBSMB406	Manage small business finances
BSBWOR404	Develop work priorities
NWPTRT062	Operate and control reclaimed water irrigation
NWPGEN005	Coordinate and monitor the application of environmental plans and procedures
NWP410C	Coordinate and monitor asset construction and maintenance
NWPIRR033	Coordinate and monitor the operation of irrigation delivery systems

PSPPM402B	Manage simple projects
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Qualification Mapping Information

This qualification is equivalent to AHC41112 Certificate IV in Irrigation.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72>