AHC41124 Certificate IV in Irrigation Management

Release 1

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Modification History

Release	Comments
Release 1	This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 10.0.

Qualification Description

This qualification describes the skills and knowledge for supervisory and management job roles in the irrigation industry

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 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:

- 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

AHCIRG435	Determine hydraulic parameters for an irrigation system

AHCIRG436	Implement an irrigation-related environmental protection program
AHCIRG437	Schedule irrigations
AHCIRG438	Select and manage pumping systems for irrigation
AHCIRG439	Interpret and apply irrigation designs
AHCIRG442	Supervise irrigation system installation
AHCIRG443	Supervise irrigation system maintenance
AHCWHS402	Maintain workplace health and safety processes

Elective Units

AHCBUS407	Cost a project
AHCBUS408	Operate within a budget framework
AHCDRG403	Coordinate and supervise installation of an irrigation drainage system
AHCDRG404	Monitor and control irrigation drainage systems
AHCINF308	Install and terminate extra low voltage wiring systems
AHCIRG337	Measure irrigation delivery system performance
AHCIRG440	Manage a moving sprinkler irrigation system
AHCIRG441	Evaluate water supply for irrigation
AHCIRG444	Manage irrigation systems
AHCIRG445	Manage surface irrigation systems
AHCMER408	Coordinate customer service and networking activities
AHCIRG446	Provide irrigation sales and service
AHCSOL406	Sample soils and interpret results
AHCWRK404	Implement quality assurance procedures
AHCWRK409	Supervise work routines and staff performance
AHCWRK410	Implement and monitor environmentally sustainable

	work practices
BSBHRM415	Coordinate recruitment and onboarding
BSBLDR414	Lead team effectiveness
BSBOPS402	Coordinate business operational plans
BSBINS401	Analyse and present research information
BSBINS309	Maintain business records
BSBINS410	Implement records systems for small business
BSBESB407	Manage finances for new business ventures
BSBPEF402	Develop personal work priorities
BSBWRT411	Write complex documents
NWPIWS014	Coordinate and monitor the operation of irrigation delivery systems
NWPTRT028	Operate and control reclaimed water irrigation
TAEASS311	Contribute to assessment
TAEDEL311	Provide work skill instruction

Qualification Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
AHC41124 Certificate IV in Irrigation Management	AHC41119 Certificate IV in Irrigation Management	Updated 1 Core, 7 Elective units and removed 1 deleted Elective unit	Not equivalent

Links

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