



Australian Government

Department of Education, Employment and Workplace Relations

AHC51610 Diploma of Irrigation Management

Release 2

AHC51610 Diploma of Irrigation Management

Modification History

Release	TP Version	Comments
2	AHC10v4	Equivalent imported Units updated
1	AHC10	Initial release

Description

The Diploma of Irrigation Management reflects the role of an irrigation business manager.

Pathways Information

Qualification pathways

Pathways into the qualification

This qualification may be accessed by direct entry or by completion of the Irrigation Industry Agronomist Skill Set.

Australian Apprenticeships

This qualification is suitable for an Australian Apprenticeship.

Job roles

Job roles and titles vary across different industry sectors. Possible job titles relevant to this qualification include:

Irrigation business manager

Licensing/Regulatory Information

Not Applicable

Entry Requirements

Entry requirements

There are no entry requirements for this qualification.

Employability Skills Summary

EMPLOYABILITY SKILLS QUALIFICATION SUMMARY	
Employability Skill	Industry/enterprise requirements for this qualification include:
Communication	<ul style="list-style-type: none"> • Reading and interpreting workplace related documentation • Writing to audience needs • Interpreting the needs of internal/external customers • Applying numeracy skills to workplace requirements
Teamwork	<ul style="list-style-type: none"> • Working as an individual and a team member • Working with diverse individuals and groups • Applying knowledge of own role as a part of a team • Applying teamwork skills to a range of situations • Identifying and using the strengths of other team members
Problem-solving	<ul style="list-style-type: none"> • Developing practical and creative solutions to workplace problems • Showing interdependence and initiative in identifying problems • Solving problems individually or in teams • Applying a range of strategies in problem solving • Using numeracy skills to solve problems • Testing assumptions and taking context into account
Initiative and enterprise	<ul style="list-style-type: none"> • Adapting to new situations • Identifying opportunities that might not be obvious to others • Generating a range of options in response to workplace matters • Translating ideas into actions
Planning and organising	<ul style="list-style-type: none"> • Collecting analysing and organising information • Using basic business systems for planning and organising • Being appropriately resourceful • Taking initiative and making decisions within workplace role • Working within or establishing clear project goals and deliverables • Determining or applying required resources
Self-management	<ul style="list-style-type: none"> • Allocating people and other resources to tasks and workplace requirements • Managing time and priorities

EMPLOYABILITY SKILLS QUALIFICATION SUMMARY	
	<ul style="list-style-type: none"> Adapting resource allocations to cope with contingencies
Learning	<ul style="list-style-type: none"> Taking responsibility at the appropriate level
Technology	<ul style="list-style-type: none"> Using technology and related workplace equipment Using basic technology skills Using technology to organise data Applying OHS knowledge when using technology Applying technology as a management tool

Packaging Rules

Packaging Rules

Completion of eleven (11) units made up of six (6) core units and five (5) elective units.

ELECTIVE UNITS

- a minimum of three (3) units must come from the elective units list
- a maximum of two (2) units may be selected from the elective units or from units aligned to Certificate IV or above in AHC10 or from any other currently endorsed training package or accredited course. Selected units must be relevant to job outcomes in the irrigation industry.

CORE UNITS

Irrigation

Unit code	Unit title
AHCIRG402A	Determine hydraulic parameters for an irrigation system
AHCIRG501A	Audit irrigation systems
AHCIRG502A	Design irrigation system maintenance and monitoring programs
AHCIRG503A	Design irrigation, drainage and water treatment systems
AHCIRG504A	Develop an irrigation and drainage management plan

Soils and media

Unit code	Unit title
AHCSOL501A	Monitor and manage soils for production

ELECTIVE UNITS**Irrigation**

Unit code	Unit title
AHCIRG505A	Establish and maintain an irrigation-related environmental protection program

Merchandising and sales

Unit code	Unit title
BSBCUS501C	Manage quality customer service
SIRXCLM402	Manage store facilities
SIRXINV005A	Control inventory
SIRXMER004A	Manage merchandise and store presentation
SIRXRSK404	Control store security
SIRXSLS406	Manage sales and service delivery

Business

Unit code	Unit title
AHCBUS501A	Manage staff
AHCBUS502A	Market products and services
AHCBUS503A	Negotiate and monitor contracts
AHCBUS504A	Prepare estimates, quotes and tenders
AHCBUS505A	Develop a marketing plan
AHCBUS506A	Develop and review a business plan
AHCBUS507A	Monitor and review business performance
AHCBUS508A	Prepare and monitor budgets and financial reports
BSBFIM501A	Manage budgets and financial plans
BSBHRM506A	Manage recruitment selection and induction processes

BSBRES401A	Analyse and present research information
AHCWRK511A	Develop workplace policy and procedures for sustainability
TLIR4002A	Source goods/services and evaluate contractors

Drainage

Unit code	Unit title
AHCDRG501A	Design drainage systems

Work

Unit code	Unit title
AHCWRK502A	Collect and manage data
AHCWRK503A	Prepare reports
AHCWRK507A	Implement professional practice
AHCWRK509A	Provide specialist advice to clients
AHCWRK510A	Audit site operations
PSPPM502B	Manage complex projects
PSPPM503B	Close complex projects

Occupational Health and Safety

Unit code	Unit title
AHCOHS501A	Manage Occupational Health and Safety (OHS) processes