



**Australian Government**

**Department of Education, Employment and Workplace Relations**

# **AHC41110 Certificate IV in Irrigation**

**Release: 1**

## **AHC41110 Certificate IV in Irrigation**

### **Modification History**

Not Applicable

### **Description**

This qualification allows individuals to develop post-trade skills and knowledge to become specialists within the irrigation industry.

### **Pathways Information**

#### **Qualification pathways**

##### **Pathways into the qualification**

This qualification may be accessed by direct entry or by completion of the Irrigation Manager or Irrigation Contractor Skill Sets.

##### **Pathways from the qualification**

Further training pathways from this qualification include, but are not limited to, Diploma of Irrigation.

##### **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:

Team leader

### **Licensing/Regulatory Information**

Not Applicable

## Entry Requirements

### Entry requirements

There are no entry requirements for this qualification.

## Employability Skills Summary

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

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

## Packaging Rules

### Packaging Rules

Completion of ten (10) units made up of three (3) core units and seven (7) elective units.

### ELECTIVE UNITS

- a minimum of five (5) units from the elective units
- a maximum of two (2) units may be selected from the elective units or from units aligned to Certificates III, IV or Diploma 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

AHCIRG402A Determine hydraulic parameters for an irrigation system  
 AHCIRG403A Determine seasonal irrigation scheduling tasks

#### Soils and media

AHCSOL401A Sample soils and interpret results

### ELECTIVE UNITS

#### Irrigation

AHCIRG404A Implement an irrigation-related environmental protection program  
 AHCIRG405A Plan and coordinate gravity-fed irrigation systems  
 AHCIRG408A Schedule irrigations  
 AHCIRG409A Implement, monitor and adjust irrigation schedules

#### Merchandising and sales

AHCMER401A Coordinate customer service and networking activities  
 BSBREL402A Build client relationships and business networks  
 BSBSMB403A Market the small business  
 SIRXINV005A Control inventory

SIRXMER002A Coordinate merchandise presentation  
SIRXMER004A Manage merchandise and store presentation  
SIRXMPR001A Profile a retail market

**Occupational Health and Safety**

AHCOHS401A Maintain Occupational Health and Safety (OHS) processes

**Business**

AHCBUS402A Cost a project  
AHCBUS404A Operate within a budget framework  
BSBHRM402A Recruit, select and induct staff  
BSBSMB406A Manage small business finances  
BSBWOR402A Promote team effectiveness

**Work**

AHCWRK401A Implement and monitor quality assurance procedures  
AHCWRK403A Supervise work routines and staff performance  
PSPPM402B Manage simple projects  
TAADEL301C Provide training through instruction and demonstration of work skills