



Australian Government

Department of Education, Employment and Workplace Relations

AHC21112 Certificate II in Irrigation

Release: 1

AHC21112 Certificate II in Irrigation

Modification History

June 2012: This qualification supersedes but is not equivalent to AHC21110.

Description

This Qualification allows individuals to develop skills and knowledge to work as field and support staff within the irrigation industry.

Application

This Qualification describes the job roles of supervised entry-level workers in the irrigation industry. It covers the employment areas of irrigation installation and irrigation operations. Supervised entry-level workers in the irrigation retail sector can complete a retail Qualification with electives chosen from the units in this Qualification.

Additional Qualification advice

This Qualification is suitable for VET in schools programs.

Pathways Information

Pathways into the Qualification

This Qualification may be accessed by direct entry.

Pathways from the Qualification

Further training pathways from this Qualification include, but are not limited to, AHC32412 Certificate III in Irrigation.

Licensing/Regulatory Information

There is no direct link between this Qualification and licensing, legislative and/or regulatory requirements. However, an individual Unit of Competency may specify relevant licensing, legislative and/or regulatory requirements.

Entry Requirements

There are no entry requirements for this Qualification.

Employability Skills Summary

Employability Skill	Industry/enterprise requirements for this qualification include:
Communication	<ul style="list-style-type: none"> • Listening and understanding instructions and directions • Speaking clearly and directly to supervisor, customers and other workers • Reading and interpreting simple workplace related documentation • Writing to convey simple information • Applying numeracy skills to perform work role.
Teamwork	<ul style="list-style-type: none"> • Working as an individual and a team member • Dealing with conflict in a constructive way • Working with diverse individuals and groups • Applying knowledge of own role as a part of a team.
Problem-solving	<ul style="list-style-type: none"> • Developing practical solutions to deal with simple problems • Identifying problems and assessing the importance level • Solving problems individually or in teams • Using numeracy skills to solve simple problems.
Initiative and enterprise	<ul style="list-style-type: none"> • Learning to work in a new situation • Dealing with simple problems • Referring problems onto supervisor for direction.
Planning and organising	<ul style="list-style-type: none"> • Collecting and recording information • Using basic business systems for routine tasks • Carrying out directions with a demonstrated systematic approach • Working within clear project deliverables and timelines • Monitoring time against directed tasks and priorities.
Self-management	<ul style="list-style-type: none"> • Taking responsibility at the appropriate level
Learning	<ul style="list-style-type: none"> • Listening and understanding • Reading and interpreting workplace related documentation • Applying numeracy skills to workplace requirements.
Technology	<ul style="list-style-type: none"> • Interacting with technology through practical tasks • Setting up equipment.

Packaging Rules

Complete **twelve (12)** Units of Competency comprised of:

- Two (2) Core Units
- Ten (10) Elective Units

Core Units of Competency

Unit code	Unit title
AHCOHS201A	Participate in OHS processes
AHCWRK209A	Participate in environmentally sustainable work practices

Elective Units

- Select a minimum of **four (4)** Units from Group A.
- Select a minimum of **four (4)** additional Units from Group A or B.
- Select a minimum of **two (2)** additional Units from Group A, Group B and/or this or any other endorsed Training Package or accredited course packaged at Certificate II or III
- Selected Units must be relevant to job outcomes in the irrigation industry.

Group A

Unit code	Unit title
AHCIRG204A	Lay irrigation and/or drainage pipes
AHCIRG207A	Carry out irrigation site preparation tasks
AHCIRG208A	Assist with the installation and maintenance of pumps and flow-control devices for irrigation
AHCIRG209A	Carry out installation tasks for low volume irrigation
AHCIRG210A	Carry out installation tasks for sprinkler irrigation
AHCIRG211A	Assist with low volume irrigation operations and maintenance
AHCIRG212A	Assist with sprinkler irrigation operations and maintenance
AHCIRG213A	Assist with surface irrigation operations and maintenance
AHCSOL201A	Determine basic properties of soil and/or growing media
NWP210B	Perform basic water quality tests

NWP222A	Operate basic flow control and regulating devices in irrigation systems
NWP251B	Construct open earthen channels or drains

Group B

Unit code	Unit title
AHCDRG201A	Maintain drainage systems
AHCIRG214A	Install micro-irrigation systems for landscaping
AHCMOM203A	Operate basic machinery and equipment
AHCWRK204A	Work effectively in the industry
AHCWRK205A	Participate in workplace communications
AHCWRK208A	Provide information on products and services
CPCPCM2007A	Carry out levelling * <i>CPCPCM2003A Carry out OHS requirements</i> <i>CPCPCM2004A Read plans and calculate plumbing quantities</i>
NWP203B	Plan and organise personal work activities
NWP209B	Use maps, plans, drawings and specifications
NWP215B	Install and replace basic volumetric metering equipment
NWP226B	Prepare and restore work site
NWP252B	Construct and install irrigation delivery and stormwater drainage assets
TLID1001A	Shift materials safely using manual handling methods