



**Australian Government**

# **AHCIRG315 Interpret irrigation plans and drawings**

**Release: 1**

# AHCIRG315 Interpret irrigation plans and drawings

## Modification History

Release Number	TP Version	Comments
1	AHCv1.0	Initial release

## Application

This unit of competency describes the skills and knowledge required to read and interpret plans and drawings applicable to installing irrigation systems.

It applies to individuals who take responsibility for own work and for the quality of the work of others. They use discretion and judgement in the selection, allocation and use of available resources. All work is carried out to comply with workplace procedures.

No occupational licensing, legislative or certification requirements are known to apply to this unit at the time of publication.

## Pre-requisite Unit

Nil.

## Unit Sector

Irrigation (IRG)

## Elements and Performance Criteria

Element	Performance criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
1. Apply commonly used symbols and abbreviations	1.1 Identify, understand and apply commonly used symbols and abbreviations on plans 1.2 Identify, understand and apply common irrigation terms used on plans 1.3 Identify key features of irrigation plans, elevations and sections 1.4 Identify scale, elevations and sections from drawings
2. Locate and identify key features on a site plan	2.1 Identify irrigation site from location drawings 2.2 Identify true north and system orientation from details provided

Element	Performance criteria
	on site plan 2.3 Identify key features of site plan
3. Mark out and peg the site from a plan	3.1 Mark boundaries of the site 3.2 Identify existing irrigation infrastructure on the site 3.3 Identify electricity and communications infrastructure on the site plan, mark out and implement safety procedures 3.4 Peg out pipelines and earthworks identified on the plan
4. Identify required components for installation	4.1 Annotate required pipeline components from plans and drawings 4.2 Annotate water supply, distribution and delivery components from plans and drawings 4.3 Make provision for receipt and storage of materials on site 4.4 Confirm installation requirements and details of plans and drawings with supervisor

## Foundation Skills

Foundation Skills essential to performance are explicit in the performance criteria of this unit of competency.

## Range of Conditions

## Unit Mapping Information

This unit is equivalent to AHCIRG315A Interpret irrigation plans and drawings.

## Links

Companion Volume implementation guides are found in VETNet -

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