



Australian Government

AHCIRG325 Operate irrigation technology

Release: 1

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Modification History

Release Number	TP Version	Comments
1	AHCv1.0	Initial release

Application

This unit of competency describes the skills and knowledge required to operate irrigation technology as part of irrigation installation, construction and operation.

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. Prepare to work	1.1 Determine work requirements and identify hazards, assess risks and implement control measures 1.2 Select required tools and equipment and check for safe operation and accuracy 1.3 Select and use suitable personal protective equipment
2. Operate equipment	2.1 Identify sampling points 2.2 Collect samples 2.3 Record and interpret readings and observations

Element	Performance criteria
3. Operate irrigation controllers and sensors	3.1 Link sensors to controllers by wiring or radio signals 3.2 Program controllers 3.3 Monitor accuracy and reliability of electronic flow control equipment and calibrate where necessary 3.4 Report discrepancies or malfunctions to management 3.5 Transport and store equipment appropriately

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 AHCIRG325A Operate irrigation technology.

Links

Companion Volume implementation guides are found in VETNet - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72>