



**Australian Government**

# **Assessment Requirements for AHCIRG331 Install pressurised irrigation systems**

**Release: 2**

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## Modification History

| Release   | Comments                                                                                                                 |
|-----------|--------------------------------------------------------------------------------------------------------------------------|
| Release 2 | This version released with AHC Agriculture, Horticulture, Conservation and Land Management Training Package Version 2.0. |
| Release 1 | This version released with AHC Agriculture, Horticulture, Conservation and Land Management Training Package Version 1.0. |

## Performance Evidence

The candidate must be assessed on their ability to integrate and apply the performance requirements of this unit in a workplace setting. Performance must be demonstrated consistently over time and in a suitable range of contexts.

The candidate must provide evidence that they can:

- calibrate testing and monitoring equipment
- commission irrigation system
- complete installation work
- organise resources for installation work
- set out and prepare the site.

## Knowledge Evidence

The candidate must demonstrate knowledge of:

- the behaviour of water on varying terrain and soil types
- calculations for installing irrigation systems
- characteristics and operation of joints, valves and sprinkler components
- components of an irrigation system
- methods and techniques of installing irrigation
- operation of pumps and water flow rates
- soil characteristics
- soil water retention testing techniques
- water quality and water filtration techniques.

## **Assessment Conditions**

Assessors must satisfy current standards for RTOs.

## **Links**

Companion Volumes, including Implementation Guides, are available at VETNet: -  
<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72>