



Australian Government

Assessment Requirements for AHCIRG503 Design irrigation, drainage and water treatment systems

Release: 1

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Modification History

Release Number	TP Version	Comments
1	AHCv1.0	Initial release

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:

- collect and analyse information
- compare costings
- develop budgets
- develop system specifications
- document outcomes
- identify adverse environmental impacts of irrigation, drainage, water treatment and storage activities and take appropriate remedial action
- identify system design requirements

Knowledge Evidence

The candidate must demonstrate knowledge of:

- contractual development and obligations
- control and monitoring systems
- cost/benefit analysis
- design processes
- developments in irrigation, drainage, storage and treatment technology
- environmental impacts of irrigation, drainage and water treatment
- soil types and their impact on the systems
- work health and safety and environmental protection legislation and regulations, codes of practice and enterprise policies and procedures

Assessment Conditions

Assessors must satisfy current standards for RTOs.

Links

Companion Volume implementation guides are found in VETNet -

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