



**Australian Government**

# **Assessment Requirements for AHCWAT501 Design water treatment systems**

**Release: 1**

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## Modification History

Release	TP Version	Comment
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
- develop water treatment system specifications
- identify adverse environmental impacts of water treatment activities and remedial action
- identify design requirements

## Knowledge Evidence

The candidate must demonstrate knowledge of:

- principles and practices of water treatment system design
  - automatic control and monitoring systems
  - budgeting, contractual development and obligations
  - cost/benefit analysis
  - design processes
  - developments in water treatment technology
  - enterprise policies and procedures
  - environmental impacts of water treatment
  - environmental protection agency regulations
  - waste management and environmental issues

## 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>