



Australian Government

Assessment Requirements for AHCWAT302 Monitor and operate water treatment processes

Release: 1

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Modification History

Release	Comments
Release 1	This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 6.0.

Performance Evidence

An individual demonstrating competency must satisfy all of the elements and performance criteria in this unit.

There must be evidence that the individual has monitored and operated water treatment processes on at least two occasions, and has:

- applied workplace health and safety requirements applicable to monitoring and operating water treatment processes
- applied food safety codes, environmental and biosecurity practices and workplace procedures applicable to monitoring and operating water treatment processes
- used water sampling and testing techniques
- recorded and reported equipment and water treatment processes according to workplace procedures
- prepared and applied chemicals
- identified and reported process faults
- minimised environmental impacts of water treatment processes.

Knowledge Evidence

An individual must be able to demonstrate the knowledge required to perform the tasks outlined in the elements and performance criteria of this unit. This includes knowledge of:

- workplace health and safety requirements applicable to monitoring and operating water treatment processes
- food safety codes, environmental and biosecurity practices and workplace procedures applicable to monitoring and operating water treatment processes
- workplace recording and reporting procedures
- the principles and practices for monitoring and operating water treatment processes, including:
 - chemical dosing processes
 - environmental impacts of irrigation using water from any ground or underground source

- environmental issues associated with water treatment
- hazardous materials handling
- water quality monitoring methods and techniques
- water treatment and water filtration techniques.

Assessment Conditions

Assessment of the skills in this unit of competency must take place under the following conditions:

- physical conditions:
 - a workplace setting or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - water treatment tools, equipment and machinery
 - water treatment testing equipment and chemicals
 - personal protective equipment applicable to monitoring and operating water treatment processes
 - principles and practices for monitoring and operating water treatment processes
- specifications:
 - workplace health and safety requirements applicable to monitoring and operating water treatment processes
 - food safety codes, environmental and biosecurity practices and workplace procedures applicable to monitoring and operating water treatment processes
 - workplace recording and reporting procedures
- relationships:
 - supervisor
- timeframes:
 - according to job requirements.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

Links

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