



**Australian Government**

# **Assessment Requirements for ACMCAS305 Maintain aquascapes and aquatic animals**

**Release: 1**

## Assessment Requirements for ACMCAS305 Maintain aquascapes and aquatic animals

### Modification History

Release	Comments
Release 1	This version released with ACM Animal Care and Management Training Package Version 1.0.

### 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:

- maintained at least three different aquascapes, including at least three different types of aquatic animals, ensuring the optimal health of those animals
- collected and tested at least two water samples and adjusted water quality to suit the aquascape and species requirements
- administered appropriate and authorised aquatic animal treatments on at least one occasion
- maintained records and required documentation for treatments and medicine programs.

### 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:

- animal welfare and ethics
- appropriate and authorised aquatic animal treatments
- basic aquatic animal biology
- broad categories of parasitic infestations and viral, fungal and bacterial diseases
- chemicals used to correct water conditions and the water quality of aquascapes
- ideal water conditions and quality for a range of aquatic animals, including pH, nitrate, nitrite, ammonia, salinity, calcium and hardness
- normal and abnormal behaviour of aquatic species
- relevant WHS and animal welfare legislative requirements and codes of practice, including environmental regulations
- preventative medicine programs for internal and external parasites
- principles and practices of aquascapes and aquatic animal maintenance

- signs of common aquatic animal diseases and parasitic infestations and their transmission between aquatic animals
- water quality adjustment procedures, including water chemistry
- water sampling, testing and analysis procedures and techniques
- zoonotic diseases.

## Assessment Conditions

Assessment of skills must take place under the following conditions:

- physical conditions:
  - skills must be demonstrated in a workplace setting or an environment that accurately represents workplace conditions
- resources, equipment and materials:
  - a range of different types of aquatic animals
  - sufficient materials and equipment to create and maintain aquascapes
  - chemicals to test and treat water quality.

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=b75f4b23-54c9-4cc9-a5db-d3502d154103>