



Australian Government

Assessment Requirements for AHCLPW406 Supervise the monitoring of biodiversity

Release: 1

Assessment Requirements for AHCLPW406 Supervise the monitoring of biodiversity

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, on at least one occasion, prepared and supervised a biodiversity monitoring program.

There must be evidence that the individual has:

- selected monitoring operations and assessed conditions and data collection methods from the biodiversity monitoring plan
- selected, sourced and tested equipment suitable for monitoring procedures
- identified systems to capture, maintain and analyse data
- supervised monitoring tasks and data collection for biodiversity
- validated, processed and stored data according to workplace procedures
- analysed and compiled data and reported on biodiversity monitoring.

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:

- monitoring biodiversity in different ecosystems and the impact of their structure and interactions for monitoring
- identifying flora and fauna and methods of monitoring, including:
 - plants
 - major groups of fungi
 - mammals, birds, reptiles and amphibians
 - major groups of insects
- monitoring techniques for flora, fauna and microorganism populations
- legislative and regulatory requirements for biodiversity monitoring, including:
 - ethics and ethical standards

- animal welfare
- permits and applications processes
- property access
- protecting the environment
- principles and procedures for monitoring changes over time with respect to project goals
- resource requirements for supervising a biodiversity program, including:
 - personnel
 - monitoring equipment
 - materials
- scientific processes and procedures for monitoring biodiversity
- data recording and data validation techniques.

Assessment Conditions

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

- physical conditions:
 - skills must be demonstrated in the field for a regional biodiversity monitoring program, or in an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - computer with data management and storage software
- specifications:
 - use of specific workplace policies, procedures, processes and application forms required to administer biodiversity monitoring programs
 - access to legislation relevant to flora and fauna conservation and biodiversity
- relationships:
 - • team engaged in biodiversity monitoring.

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>