



Australian Government

Assessment Requirements for MSL975043

Prepare animal and plant material for display

Release: 1

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Modification History

Release	Comments
Release 1	This version was released in <i>MSL Laboratory Operations Training Package Release 2.0</i>. Supersedes and equivalent to MSL975015 Prepare animal and plant material for display. Range of conditions removed. Assessment requirements amended.

Performance Evidence

There must be evidence the candidate has completed the tasks outlined in the elements and performance criteria of this unit, and:

- safely collected, correctly prepared and appropriately preserved 3 different animal specimens and 3 different plant specimens for display.

Knowledge Evidence

There must be evidence the candidate has knowledge of:

- classification/taxonomy/flora and fauna recognition and identification methods
- legislative limitations on collection of flora and fauna
- specimen preparation methods relevant to job role
- requirements of a display plan:
 - purpose
 - length of time
 - display type
 - exclusion of pests
 - specific features of the specimen to be demonstrated
 - display environment that is sympathetic to the conservation of the specimen
 - security of valuable, vulnerable or irreplaceable specimens
 - user-friendliness and accessibility
- collection methods:
 - a range of methods for collecting live specimens including capture and euthanasia techniques
 - accessing specimens from existing collections in other institutions

- specimen suitability including level of preservation, inclusion of identifying features
- identification strategies:
 - use of field guides, keys and taxonomic charts
 - collaboration with experts
- identification data to be recorded at time of collection:
 - identification number and collection/catalogue details
 - collection information including collector, location, time, date, environment and habitat
 - reference photographs of the environment in the field and the specimen
 - identifying characteristics of specimens:
 - standard measurements including mass, length and size
 - morphological characteristics
 - sex
- preparation and preservation techniques for plant and animal specimens:
 - dissection
 - soft body and skeletal specimens
 - chemical and physical treatments
- workplace processes and procedures for creation of displays relevant to job role
- awareness of environmental sustainability issues as they relate to the work task
- legal, ethical and work health and safety (WHS) requirements specific to the work task including traceability, confidentiality and security requirements of all client information, and laboratory data and records.

Assessment Conditions

Skills must have been demonstrated in the workplace or in a simulated environment that reflects workplace conditions and contingencies. The following conditions must be met for this unit:

- use of suitable facilities, equipment and resources, including:
 - a standard laboratory equipped with equipment and reagents
 - workplace procedures for the collection, storage, preservation, mounting and documentation of specimens and preparation of displays.

Assessors must satisfy the NVR/AQTF mandatory competency requirements for assessors.

Links

Training Package Companion Volumes -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=5c63a03b-4a6b-4ae5-9560-1e3c5f462baa>