



Australian Government

ACMCAN501 Contribute to enclosure and exhibit design or renovation projects

Release: 1

ACMCAN501 Contribute to enclosure and exhibit design or renovation projects

Modification History

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

Application

This unit of competency describes the skills and knowledge required to assess current exhibit status, identify the need for new or renovated enclosure or exhibit works, prepare proposals and contribute to project planning and implementation.

It applies to senior or experienced keepers, such as a keeper in charge, who operates as a specialist in exhibit design and development whilst demonstrating competence in other specialist areas, including animal husbandry, interpretive and learning programs, nutrition, collection management and conservation and research.

No occupational licensing, legislative or certification requirements are known to apply to this unit at the time of publication.

NOTE: The terms ‘occupational health and safety’ (OHS) and ‘work health and safety’ (WHS) generally have the same meaning in the workplace. In jurisdictions where the national model WHS legislation has not been implemented, RTOs must contextualise the unit of competency by referring to current OHS legislative requirements.

Pre-requisite Unit

Nil

Unit Sector

Captive Animals (CAN)

Elements and Performance Criteria

Element	Performance criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Research enclosure or	1.1 Establish exhibit purpose

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<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
exhibit needs	1.2 Research animal needs 1.3 Review on-site climate, landscape and other environmental conditions 1.4 Research public access and safety requirements 1.5 Identify staff and animal security issues
2. Review exhibit options	2.1 Evaluate current exhibit performance critically in relation to WHS, animal welfare requirements and workplace policies and procedures 2.2 Evaluate features of other exhibits for relevance to current project 2.3 Estimate longevity, wear and tear of exhibit based on experience and research of specific animal behaviour and needs 2.4 Prioritise exhibit design features with regards to animal welfare and staff safety 2.5 Evaluate impact of building and construction works on other exhibits
3. Present findings to project team	3.1 Confirm concept findings with other staff or experts 3.2 Contribute to preparation of images that illustrate design features and needs for report 3.3 Identify references or support for exhibit needs justification 3.4 Itemise and justify issues relating to potential construction impact on workplace operation from keepers' perspective 3.5 Prepare report and present to project team and management
4. Contribute to project planning and implementation	4.1 Prepare concept briefs in consultation with others, and present to project team and management 4.2 Contribute to development of project management plan and implementation strategies 4.3 Raise issues that compromise animal welfare and public safety throughout the project planning and implementation stages as they arise

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential for performance in this unit of competency but are not explicit in the performance criteria.

Skill	Description
Numeracy	- Estimate costs of proposed works - Prepare concept drawings of proposed works

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
ACMCAN501 Contribute to enclosure and exhibit design or renovation projects	ACMCAN501A Contribute to enclosure and exhibit design or renovation projects	Updated to meet Standards for Training Packages	Equivalent unit

Links

Companion Volumes, including Implementation Guides, are available at VETNet: - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=b75f4b23-54c9-4cc9-a5db-d3502d154103>

Assessment Requirements for ACMCAN501 Contribute to enclosure and exhibit design or renovation projects

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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 contributed to a minimum of two enclosure and exhibit design and/or renovation projects, including:

- researched and reviewed enclosure and/or exhibit needs
- worked with others to prepare proposals and concept briefs for the design and development or renovation of exhibits and enclosures
- contributed to project planning
- monitored and advised on issues that arise during the implementation stages.

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 care and management strategies
- animal biology and husbandry requirements relevant to enclosures and exhibits
- educational and interpretive functions of enclosures
- environmental enrichment relative to exhibit
- exhibit maintenance and security requirements
- institution master plan and collection policy
- interaction between animal types and various habitats
- internal decision-making process leading to approval of new exhibits or renovation of existing ones
- principles of animal welfare and ethics
- principles of enclosure landscaping and horticulture, including basic working knowledge of exhibit plants and weeds
- principles and protocols for enclosure or exhibit design, including aesthetics, function and effects of introduced fixtures and features
- principles of naturalistic landscaping for enclosures and exhibits

- principles of project management
- recognition of animal, keeper, client and public requirements
- relevant facility policies and procedures, including WHS and emergency procedures, animal welfare, ethics, hygiene standards and other industry guidelines
- relevant federal and state or territory legislation and codes of practice
- security control principles
- specialist enclosures for different animals

Assessment Conditions

Assessment of skills must take place under the following conditions:

- physical conditions:
 - a workplace or an environment that accurately reflects a real workplace setting
- resources, equipment and materials:
 - access to a range of animal enclosures
 - equipment and resources appropriate to work undertaken in an animal care environment
- specifications:
 - access to organisational policies and procedures
 - current WHS legislation and regulations and relevant state/territory animal welfare regulations
- relationships (internal and/or external):
 - interactions with team members
 - interactions with managers.

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

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