

ACMCAN501 Contribute to enclosure and exhibit design or renovation projects

Modification history

Release	Comments
Release 2	This version released with ACM Animal Care and Management Training Package Version 4.0.
Release 1	This version released with ACM Animal Care and Management Training Package Version 1.0.

ACMCAN501	Contribute to enclosure and exhibit design or renovation projects
Application	<p>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.</p> <p>The unit applies to supervisors or senior team members who operate as a specialist in enclosure/exhibit design and development, and/or have expertise in a designated area or animal group. They contribute to activities that involve problem solving and a research or analytical focus with tasks varying in scale from individual animal welfare to social group management across program areas and/or animal groups in the facility's collection.</p> <p>All work must be carried out to comply with workplace procedures according to state/territory health and safety and animal welfare regulations, legislation and standards that apply to the workplace.</p> <p>No licensing, legislative or certification requirements are known to apply to this unit at the time of publication.</p>
Prerequisite Unit	Nil
Unit Sector	Captive Animals (CAN)

Elements	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 exhibit needs	1.1 Establish purpose of enclosure/exhibit 1.2 Research physical and welfare needs of animal 1.3 Review on-site climate, landscape and environmental conditions 1.4 Research public access and safety requirements 1.5 Identify security issues for staff, public and animals
2. Review enclosure or exhibit options	2.1 Evaluate current enclosure/exhibit performance in relation to workplace health and safety and animal welfare requirements, and facility policies and procedures 2.2 Evaluate features of other enclosures/exhibits for relevance to current project 2.3 Estimate longevity, wear and tear of enclosure/exhibit based on experience and research of specific animal behaviour and needs 2.4 Prioritise enclosure/exhibit design features with regards to animal welfare and staff and public safety 2.5 Evaluate impact of building and construction works on other facility operations and exhibits

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Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
3. Present findings to project team	3.1 Confirm research findings and concept design options with other staff or experts 3.2 Contribute to preparation of images to illustrate design features and requirements for inclusion in report 3.3 Identify references or support information to justify enclosure/exhibit requirements 3.4 Itemise and justify issues relating to potential construction impact on workplace operation from keeper/carer 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	<ul style="list-style-type: none"> Estimate costs of proposed works Prepare concept drawings of proposed works using accurate measurements and scale

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	ACMCAN501 Contribute to enclosure and exhibit design or renovation projects		Equivalent unit

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

TITLE	Assessment requirements for ACMCAN501 Contribute to enclosure and exhibit design or renovation projects
Performance Evidence	
<p>An individual demonstrating competency must satisfy all of the elements and performance criteria in this unit.</p> <p>There must be evidence that the individual has:</p> <ul style="list-style-type: none"> contributed to one enclosure/exhibit design and/or renovation project, including: <ul style="list-style-type: none"> researched and reviewed enclosure/exhibit needs worked with others to prepare proposals and concept briefs for the design and development or renovation of an enclosure/exhibit contributed to project planning monitored and advised on issues that arose during the implementation stages. 	

Commented [SH1]: Is two enclosures/exhibits too many? Suggest one as opportunities to undertake this type of work may be limited and very time consuming

Knowledge Evidence	
<p>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:</p> <ul style="list-style-type: none"> purpose and design requirements of enclosures/exhibits, including: <ul style="list-style-type: none"> security and safety for people and animals specialist enclosures for different animals educational and interpretive functions environmental enrichment related to exhibit animal landscaping and horticulture to allow natural animal behaviour housing for breeding animals or surplus animals access and maintenance principles guiding enclosure/exhibit design, including aesthetics, function and fixtures and features facility master plan and key objectives project management stages, including internal decision-making process, for approval of new or renovation of existing enclosures/exhibits facility policies relating to the design of enclosures or exhibits, including: <ul style="list-style-type: none"> health and safety, and emergency requirements collection, breeding, population control containment, quarantine and biosecurity animal care and management animal welfare principles and ethics related to enclosures and exhibits, including: <ul style="list-style-type: none"> Australian Animal Welfare Standards and Guidelines for Exhibited Animals state/territory regulations and codes of practice (including biodiversity and wildlife protection) requirements of animal species relevant to enclosures/exhibits, including <ul style="list-style-type: none"> biology and husbandry interaction between animals various habitats and accommodation principles of enclosure/exhibit landscaping and horticulture, including basic working knowledge of exhibit plants and weeds. 	

Assessment Conditions	
<p>Assessment of skills must take place under the following conditions:</p> <ul style="list-style-type: none"> physical conditions: <ul style="list-style-type: none"> a captive animal workplace or an environment that accurately reflects a real workplace setting resources, equipment and materials: <ul style="list-style-type: none"> access to a range of animal enclosures equipment and resources appropriate to work undertaken in an animal care environment specifications: <ul style="list-style-type: none"> access to facility policies and procedures and information required to achieve the performance evidence relationships (internal and/or external): <ul style="list-style-type: none"> interactions with team members and managers. 	

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Assessment Conditions

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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