



Australian Government

ACMEXH305 Monitor animal reproduction

Release: 1

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Modification History

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

Application

This unit of competency describes the skills and knowledge required to facilitate and monitor animal reproduction in accordance with the facility breeding and/or reproduction management plan. The breeding program may be for natural or artificially assisted reproduction.

This unit applies to individuals who work in animal carer, keeper or aquarist roles, undertaking individual and team activities in small to large scale animal facilities. They perform work under broad direction and are required to take responsibility for their own work, including carrying out assigned tasks, organising processes and working to schedules.

All work must be carried out to comply with workplace procedures according to Commonwealth and state/territory health and safety and animal welfare regulations, legislation and standards that apply to the workplace.

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

Pre-requisite Unit

Nil

Unit Sector

Exhibited Animals (EXH)

Elements and Performance Criteria

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. Identify animal reproduction requirements	1.1 Access and interpret facility animal population and/or reproduction management plans 1.2 Identify strategies within the approved plan/s to manage the

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	population of relevant animal species
2. Interpret species-specific mating and reproduction behaviours	<p>2.1 Identify features of sexually mature animals and conditions impacting on reproduction program</p> <p>2.2 Identify courtship and mating behaviours of males and females and facility procedures for managing interactions</p> <p>2.3 Recognise behaviours pre-birth and post-birth or post-hatching</p> <p>2.4 Identify safety risks interacting with animals during mating or reproduction</p>
3. Facilitate reproduction	<p>3.1 Provide conditions and environmental cues conducive to reproduction and to meet species-specific requirements</p> <p>3.2 Facilitate reproduction according to facility plan</p>
4. Monitor breeding animals during the period of reproduction	<p>4.1 Provide a suitable species-specific environment for breeding animals</p> <p>4.2 Provide and monitor nutritional and health requirements</p> <p>4.3 Record relevant data and observations for inclusion in reproduction management plan</p> <p>4.4 Communicate required changes to husbandry regimes</p>
5. Prepare and assist with birth or hatching	<p>5.1 Provide suitable media to assist with birth or hatching</p> <p>5.2 Monitor birth or hatching of young animals</p> <p>5.3 Implement adequate safeguards to maximise the survival of offspring</p> <p>5.4 Assess and manage post-birth or post-hatching behaviour</p> <p>5.5 Assess breeding outcomes and recommend updates for inclusion in facility breeding plan</p>

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
Oral communication	<ul style="list-style-type: none"> Use accurate industry terminology and active listening and questioning techniques, to clarify and confirm information related to breeding plan
Numeracy	<ul style="list-style-type: none"> Use measuring equipment to collect data relating to length (mm, cm, m) and weight (g, Kg) Record and analyse accurate mating and birthing data

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
ACMEXH305 Monitor animal reproduction	ACMCAN306 Monitor animal reproduction	Expanded content in Elements 1 and 2 Assessment requirements updated	Not equivalent

Links

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