



Australian Government

ACMATE501 Manage compliance in animal technology

Release: 2

ACMATE501 Manage compliance in animal technology

Modification History

Release	Comments
Release 2	This version released with ACM Animal Care and Management Training Package Version 3.0.
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 practise and promote animal welfare and ethical standards to others in animal technology workplaces and liaise with and report to the organisation's Animal Ethics Committee (AEC) according to requirements.

This unit applies to individuals who ensure that work practices, documentation and attitudes meet legislative, regulatory and workplace standards.

All work practices must be undertaken in accordance with legislative requirements, the current Australian Code for the Care and Use of Animals for Scientific Purposes (the Code), the organisation's standard operating procedures, and protocols, policies and procedures approved by the organisation's Animal Ethics Committee (AEC). Users are advised to check legislative requirements for their jurisdiction.

Pre-requisite Unit

Nil

Unit Sector

Animal Technology (ATE)

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. Manage animals in accordance with relevant	1.1 Justify the use of animals in a research program and apply for written approval from the AEC

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
codes and legislative and organisational requirements	1.2 Apply principles of replacement, reduction and refinement (3Rs) to a research program 1.3 Identify animal care responsibilities of the organisation and investigator 1.4 Apply requirements outlined in relevant, current Code, legislation and other regulatory bodies to daily animal care 1.5 Interpret and follow reporting requirements to the AEC 1.6 Follow the care and containment of experimental animals to comply with AEC requirements and institutional biosecurity committee or equivalent
2. Manage the euthanasia or humane killing of research animals	2.1 Identify reasons for the decision to euthanase an animal, ensuring they comply with organisational policies and procedures, program approvals or protocols and legislative requirements 2.2 Identify types of and processes for obtaining licences and permits required to conduct the euthanasia of an animal 2.3 Supervise and monitor euthanasia or humane killing procedures, and provide assistance or support to staff 2.4 Review the organisation's standard operating procedures relating to euthanasia or humane killing, and discuss and implement suggestions for improvement with senior personnel 2.5 Communicate the organisation's standard operating procedures relating to euthanasia and humane killing
3. Manage the operation of and compliance with containment and exclusion procedures	3.1 Interpret health status reports 3.2 Act on breaches of containment or exclusion reported by staff or others according to the monitoring program and the organisation's standard operating procedures 3.3 Review the organisation's standard operating procedures relating to containment and exclusion and discuss suggestions for improvement with relevant personnel 3.4 Communicate to others the organisation's standard operating procedures relating to containment and exclusion
4. Manage protocols and procedures for monitoring animals	4.1 Assess risks to animals associated with specific projects 4.2 Develop indicators for assessing, minimising and monitoring risks to animals 4.3 Identify adverse events, mitigate and report according to

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	organisational procedures and job role
5. Maintain records	5.1 Maintain records relating to the management of animals in animal technology facility according to organisational procedures and job role 5.2 Maintain record keeping system relating to containment and exclusion

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
Reading	Analyse and interpret relevant information about the Australian Code for the Care and Use of Animals for Scientific Purposes and the organisation's standard operating procedures
Writing	Prepare written reports and workplace documentation that communicate complex information clearly and effectively to staff, researchers and others about the organisation's standard operating procedures relating to euthanasia and humane killing, and containment and exclusion
Oral communication	- Use listening and questioning techniques to confirm understanding and to engage team members - Use interpersonal skills to gain trust and confidence of team, and provide feedback to others in forms that they can understand and use - Adapt personal communication style to build positive working relationships and to show respect for the opinions, values and particular needs of others
Numeracy	Recognise safety parameters and interpret numerical information regarding quantities of sedatives, tranquilisers and anaesthetics used in euthanasia

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
ACMATE501 Manage compliance in animal technology Release 2	ACMATE501 Manage compliance in animal technology Release 1	Changes to performance criteria and reordering of two elements for clarity Revised performance evidence to reduce duplication with performance criteria	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 ACMATE501 Manage compliance in animal technology

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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, on at least one occasion, the individual has:

- managed the use, care and containment of animals to be used in research programs
- managed the euthanasia or humane killing of research animals and monitored others performing these procedures
- prepared and presented an application for approval for a project
- provided advice and monitored others on a range of procedural work functions relating to animal technology workplace compliance requirements
- maintained accurate records using relevant organisational electronic and/or manual systems
- reviewed, improved and implemented the organisation's policies and procedures to ensure compliance.

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:

- key principles of responsible research and responsibilities of organisations and researchers working in animal technology
- applicable industry or organisational quality assurance requirements and required documentation
- biohazards in the workplace of significance to animals and humans
- classification system used to categorise animal care and treatment by Animal Ethics Committees (AECs)
- containment and exclusion policies, procedures and requirements under the Federal Gene Technology Act or its successor

- organisation's standard operating procedures relating to:
 - restraining, handling, euthanasing or humane killing and disposing of animals
 - use, storage and transport of equipment and drugs used when conducting euthanasia or humane killing of animals
 - health and safety, and emergency procedures
- concepts of sentinel and monitoring programs, including current technologies
- types of expected and unexpected adverse events
- protocols, legal and ethical considerations in establishing animal care procedures and policies and gaining AEC approval
- key compliance requirements of:
 - the Australian Code for the Care and Use of Animals for Scientific Purposes
 - Australian Standard: Safety in laboratories – Microbiological aspects and containment facilities, or its successor
 - relevant state or territory legislation and regulations relating to the practice of veterinary science, work health and safety, and animal welfare
 - federal quarantine, including the Office of the Gene Technology Regulator or its successor
 - relevant state or territory legislation covering the use of therapeutic and controlled substances
- reporting procedures for alleged breaches of containment and exclusion procedures, and the consequences of any breaches
- high impact projects and humane endpoints, humane killing and/or euthanasia.

Assessment Conditions

Assessment of skills must take place under the following conditions:

- physical conditions:
 - skills must be demonstrated in a workplace setting or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - equipment and resources – including personal protective equipment – used when working in animal technology environments
 - record keeping and storage systems and programs
- specifications:
 - organisational policies and procedures, legislation, regulations, standards and codes of practice relevant to work undertaken in animal research and technology.

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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