



Australian Government

Assessment Requirements for ACMATE305 Conduct euthanasia of research animals

Release: 1

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Modification History

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

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 carried out euthanasia of research animals at least three times, including:

- ensured that the euthanasing of research animals is completed in a humane, rapid and appropriate manner for the approved endpoint
- prepared and maintained required materials and equipment
- disposed of animal carcasses and biological waste not required for research or post-mortem purposes according to statutory requirements
- decontaminated, cleaned and stored equipment and materials or disposed of them according to industry standards
- used appropriate coping mechanisms to deal with personal distress or grief.

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:

- principles and practices of research animal euthanasia
- anatomical terminology, structures and physiological features of animals in research facilities
- anatomy and physiology of animals commonly held in the institution, especially the neck and head, and respiration and heart rates
- physical conditions, vital signs of animals as well as signs of pain and distress in commonly held species
- biohazards in the workplace of significance to animals and humans
- equipment and drugs commonly used for euthanasia
- firearm legislation, regulations and techniques related to the humane destruction of animals if required
- methods and administration routes of euthanasia and their suitability for a range of species
- methods used to cope with distress and grief due to workplace duties

- organisational policies and safe work procedures, including WHS and accident requirements
- animal welfare and ethics
- protocols, legal and ethical considerations in the euthanasing of animals
- requirements of legislation, regulations, standards and codes of practice relevant to work undertaken in an animal technology environment in relation to the euthanasia of research animals
- safe animal handling techniques and procedures.

Assessment Conditions

Assessment of skills must take place under the following conditions:

- physical conditions:
 - skills must be demonstrated in an animal technology workplace setting
- resources, equipment and materials:
 - research animals to be euthanased.

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

Links

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