

Modification history

Release	Comments
Release 1	This version released with ACM Animal Care and Management Training Package Version 3.0.

ACMATE5X8	Monitor and maintain containment and exclusion procedures in animal technology facilities
Application	<p>This unit of competency describes the skills and knowledge required to carry out organisation containment and exclusion procedures that are designed to exclude pathogenic organisms from entering an aseptic site and to contain organisms in a particular site.</p> <p>The unit applies to individuals who work as animal technicians, working under the supervision of a senior or more experienced staff member and according to established industry standards.</p> <p>No occupational licensing, legislative or certification requirements are known to apply to this unit at the time of publication.</p>
Prerequisite Unit	Nil
Unit Sector	Animal Technology (ATE)

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. Carry out containment and exclusion procedures	1.1 Select and wear appropriate personal protective equipment for activity 1.2 Decontaminate self, equipment and other relevant items according to organisational procedures before entering a containment or exclusion site 1.3 Test to confirm decontamination has occurred 1.4 Report contact with potential contaminants according to organisational requirements 1.5 Maintain hygiene procedures for all work including handling animals, feed or other products
2. Carry out site containment and exclusion procedures	2.1 Handle and store chemicals and medications according to regulatory requirements and organisational procedures 2.2 Maintain separation of different feed mixes and other products and label appropriately 2.3 Monitor, identify and report site hazards including cases of pest infestation 2.5 Ensure waste products are disposed of according to environmental requirements and organisational procedures 2.6 Record information relating to work in containment and exclusion sites
3. Monitor and maintain animal care in a containment and exclusion area	3.1 Provide for animal health and wellbeing requirements according to industry standards 3.2 Monitor and maintain animal isolation housing areas in accordance with containment and exclusion requirements 3.3 Monitor and record physical health, welfare and behaviour of animals according to organisational procedures 3.4 Carry out regular hygiene, feeding and enrichment procedures according to organisational procedures 3.5 Provide disease or illness treatments

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
4. Maintain site containment and exclusion procedures	4.1 Explain procedures and protocols for restricted access to visitors and/or others 4.2 Decontaminate incoming and outgoing goods according to organisational procedures 4.3 Report breaches of containment and exclusion procedures 4.4 Ensure facility security and access procedures are maintained 4.5 Monitor and check deliveries to site to ensure that organisational procedures are followed and any breaches in containment are identified and reported
5. Respond to site containment or exclusion breach or problem	5.1 Identify and report the specific problem and its location 5.2 Secure the problem area 5.3 Clean and disinfect containment and exclusion site and location of breach 5.4 Isolate and monitor animals suspected of being exposed to contaminants for evidence of contamination 5.5 Treat or dispose of all contaminated stock and materials according to organisational procedures 5.6 Follow organisational procedures for decontaminating self and/or assisting others 5.7 Accurately record information about the breach or problem according to organisational procedures

Foundation Skills	
<i>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.</i>	
Skill	Description
Reading	<ul style="list-style-type: none"> Extract information about storage requirements from labels and other information sources to ensure safe and contained storage Interpret information in organisational documentation to ensure correct procedures for containment and exclusion are followed
Writing	<ul style="list-style-type: none"> Complete workplace forms and report information about containment breaches in a clear and accurate manner
Oral communication	<ul style="list-style-type: none"> Confirm and clarify instructions with others using accurate industry terminology
Navigate the world of work	<ul style="list-style-type: none"> Recognise significance of procedures and impact of non-compliance on work within the organisation Accept responsibility for adherence to protocols within work role

Unit Mapping Information			
Code and title current version	Code and title previous version	Comments	Equivalence status
ACMATE5X8 Monitor and maintain containment and exclusion procedures in animal technology facilities	ACMATE302 Carry out institution containment and exclusion procedures	Code and title changed. Changes throughout unit for clarity and to reflect higher level of tasks and responsibility than updated ACMATE3X8. Revised performance evidence to reduce duplication with performance criteria	No equivalent unit

Links	Companion Volumes, including Implementation Guides, are available at VETNet:
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5X8 Monitor and maintain containment and exclusion procedures in animal technology facilities

	https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=b75f4b23-54c9-4cc9-a5db-d3502d154103
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TITLE	Assessment requirements for ACMATE5X8 Monitor and maintain containment and exclusion procedures in animal technology facilities
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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:

- completed three containment and exclusion preventative measures according to organisational procedures
- responded to at least three containment and exclusion breaches and/or incidents according to organisational procedures
- maintained accurate records related to prevention, breaches and incidents encountered for each occasion.

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:

- application of relevant animal technology codes and regulations to animal technology facility
- organisational containment and exclusion policies and procedures
- range of types of barriers and classifications of containment
- industry standards and organisational policies and procedures, including health and safety and emergency procedures
- applicable industry quality assurance requirements and required documentation
- biohazards in the workplace of significance to animals and humans, including:
 - genetically modified organisms (GMO)
 - cytotoxins
 - infectious diseases
 - radiation
- animal welfare and ethics requirements as they apply to containment and exclusion procedures
- communication procedures and systems, and technology relevant to the organisation and the individual and team's work responsibilities
- features of personal protective clothing and equipment for a range of scenarios
- relevant equipment, including:
 - caging types
 - racks and hardware
 - hoods
 - environmental factors
- methods of decontamination including personal decontamination practices
- reporting procedures for alleged breaches of containment and exclusion procedures
- workplace hygiene standards, disinfectants and cleaning agents, techniques, equipment and materials.

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:
 - a fully equipped animal technology laboratory.

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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