Modification history

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| 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 facilities |
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| Application | 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.The unit applies to individuals who work in animal facilities, under the supervision of a senior or more experienced staff member, according to established industry standards. No occupational licensing, legislative or certification requirements are known to apply to this unit at the time of publication. |
| Prerequisite Unit | Nil  |
| Unit Sector | Animal Technology (ATE) |

| Elements | Performance Criteria |
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| Elements describe the essential outcomes. | Performance criteria describe the performance needed to demonstrate achievement of the element. |
| 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 site1.3 Test to confirm decontamination has occurred1.4 Report contact with potential contaminants according to organisational requirements1.5 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 procedures2.2 Maintain separation of different feed mixes and other products and label appropriately 2.3 Monitor, identify and report site hazards including cases of pest infestation2.5 Ensure waste products are disposed of according to environmental requirements and organisational procedures2.6 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 standards3.2 Monitor and maintain animal isolation housing areas in accordance with containment and exclusion requirements3.3 Monitor and record physical health, welfare and behaviour of animals according to organisational procedures3.4 Carry out regular hygiene, feeding and enrichment procedures according to organisational procedures 3.5 Provide disease or illness treatments |
| 4. Maintain site containment and exclusion procedures | 4.1 Explain procedures and protocols for restricted access to visitors and/or others4.2 Decontaminate incoming and outgoing goods according to organisational procedures4.3 Report breaches of containment and exclusion procedures4.4 Ensure facility security and access procedures are maintained4.5 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 location5.2 Secure the problem area5.3 Clean and disinfect containment and exclusion site and location of breach5.4 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 procedures5.6 Follow organisational procedures for decontaminating self and/or assisting others5.7 Accurately record information about the breach or problem according to organisational procedures5.8 Report on or provide input to identified gaps in levels or areas of containment and exclusion to improve procedures |

| Foundation SkillsThis 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. |
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| Skill | Description |
| Reading | * 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
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| Writing | * Complete workplace forms and report information about containment breaches in a clear and accurate manner
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| Oral communication | * Confirm and clarify instructions with others using accurate industry terminology
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| Navigate the world of work | * Recognise significance of procedures and impact of non-compliance on work within the organisation
* Accept responsibility for adherence to protocols within work role
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| 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 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 |

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| 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 ACMATE5X8 Monitor and maintain containment and exclusion procedures in animal 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.
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| Knowledge Evidence |
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| 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 governing codes and regulations for an animal technology facility
* key concepts of containment and exclusion including:
* levels and areas and biosecurity/quarantine classifications
* range of types of barriers and classifications of containment
* industry standards and organisational policies and procedures, including:
* health, safety and emergency procedures
* containment and exclusion
* 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.
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| Assessment Conditions |
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| 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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