Modification history

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| Release | Comments |
| Release 1 | This version released with AMP Australian Meat Processing Training Package Version 8.0. |

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| AMPMSY4X2 | Perform ante and post-mortem inspection – Bovine |
| Application | This unit describes the skills and knowledge required to perform ante-mortem and post-mortem inspection duties on steers, cows, bulls and calves in an abattoir processing cattle or Asian buffalo in accordance with Australian Standard 4696:2007 Hygienic Production and Transportation of Meat and Meat Products for Human Consumption.  This unit applies to individuals who carry out work as a meat inspector or a meat safety officer in facilities where meat is processed for the domestic or export markets.  Users who inspect calves only, or who work in calf-only abattoirs, must refer to AMPMSY4X12 Perform ante and post-mortem inspection - Calves.  All work must be carried out to comply with workplace procedures, in accordance with state/territory health and safety, animal welfare regulations, legislation and standards that apply to the workplace.  Individuals who work as meat inspectors must comply with the requirements of local/state/territory authorities and where applicable the Australian Government export Authority. Users must check with the relevant regulatory authority before delivery. |
| Prerequisite Unit | AMPLSK3X1 Handle animals humanely while conducting ante-mortem inspection |
| Unit Sector | Meat Safety (MSY) |

| 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. Prepare for ante-mortem inspection | 1.1 Identify regulatory requirements associated with ante-mortem inspection  1.2 Identify workplace health and safety hazards associated with ante-mortem inspection and control risks, including using personal protective equipment (PPE)  1.3 Identify importing country requirements for species and associated regulations, where applicable  1.4 Identify procedures and principles for humane handling of cattle, buffalo and calves  1.5 Identify quality assurance requirements for ante-mortem inspection of cattle, buffalo and calves  1.6 Identify procedures for euthanising animal and processing it as an emergency kill  1.7 Identify procedures for euthanising an animal, condemning and disposing of the carcase |
| 2. Perform ante-mortem inspection | 2.1 Perform ante-mortem inspection of cattle, buffalo and calves according to regulatory requirements  2.2 Detect and identify signs of common conditions responsible for abnormalities at ante-mortem  2.3 Detect signs of common emergency or notifiable diseases  2.4 Report any identified conditions or diseases according to regulatory and workplace requirements  2.5 Segregate suspect stock according to regulatory and workplace requirements  2.6 Make ante-mortem disposition as a result of inspection and take appropriate action |
| 3. Monitor stunning and slaughter of animals | 3.1 Identify requirements for effective stunning and slaughter of cattle, buffalo and calves 3.2 Check that animals are stunned and bled according to workplace and animal welfare requirements  3.3 Ensure corrective action is taken in the event of ineffective stunning or bleeding  3.4 Identify the role of the vertebral artery and its effect on insensibility |
| 4. Prepare for post-mortem inspection | 4.1 Identify reasons for post-mortem inspection  4.2 Identify regulatory requirements associated with post-mortem inspection  4.3 Identify workplace health and safety hazards associated with post-mortem inspection and control risks, including using PPE  4.4 Identify hygiene and sanitation requirements of post-mortem inspection |
| 5. Perform post-mortem inspection of bovine species | 5.1 Follow procedures and regulatory requirements for post-mortem inspection of bovine species  5.2 Follow hygiene and sanitary sequence requirements when performing post-mortem inspections  5.3 Detect and identify abnormalities  5.4 Identify any quality assurance issues of post-mortem inspection  5.5 Make disposition as a result of post-mortem inspection and take appropriate action |
| 6. Take samples to assist with identifying conditions | 6.1 Identify lesions and abnormal tissues that may indicate disease or condition  6.2 Collect pathological residue samples according to workplace procedures and dispatch for testing  6.3 Interpret test results  6.4 Retain carcases awaiting results according to workplace procedures |
| 7. Make disposition carcase and carcase parts | 7.1 Demonstrate anatomical knowledge of carcase in the disposition process  7.2 Identify and detect common diseases and conditions responsible for abnormalities  7.3 Report common diseases and symptoms in line with workplace requirements  7.4 Make post-mortem disposition in line with Schedule 3 of AS 4696:2007 |
| 8. Treat affected carcase | 8.1 Treat carcase in accordance with regulatory, hygiene and sanitation, and workplace health and safety requirements  8.2 Identify and describe procedures for retained carcase as set out workplace and regulatory requirements |

| 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. | |
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| Skill | Description |
| Reading | * Interpret regulatory requirements, procedures and standards |
| Writing | * Complete ante-mortem cards and condemnation documentation |
| Oral communication | * Interact effectively with those employed at slaughtering establishment |
| Numeracy | * Estimate percentage of mob with conditions * Estimate animal numbers in pen (per m2) |

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| Unit Mapping Information | | | |
| Code and title current version | Code and title previous version | Comments | Equivalence status |
| AMPMSY4X2 Perform ante and post-mortem inspection - Bovine | AMPA3121 Perform ante and post-mortem inspection - Bovine | Unit sector code updated  Performance Criteria clarified - some moved to Knowledge Evidence field  Foundation Skills added  Performance Evidence, Knowledge Evidence and Assessment Conditions revised | Equivalent |

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| Links | Companion Volumes, including Implementation Guides, are available at VETNet:  <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=5e2e56b7-698f-4822-84bb-25adbb8443a7> |

| TITLE | Assessment requirements for AMPMSY4X2 Perform ante and post-mortem inspection - Bovine |
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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 performed ante-mortem and post-mortem inspection of bovine species, including:   * performed at least 10 ante-mortem inspections * completed at least 100 diarised hours of post-mortem inspection practice on the chain under the supervision of a qualified meat inspector or a suitably qualified supervisor (note that this may be reduced to 50 hours if this is the second post-mortem inspection unit selected) * adhered to regulatory requirements, including Australian Standard 4696:2007 Hygienic Production and Transportation of Meat and Meat Products for Human Consumption, or its successor * made correct dispositions for the common diseases and conditions found at ante and post-mortem in accordance with AS 4696:2007, Schedule 3. | |

| 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:   * target market for the species being inspected and purpose of ante and post-mortem inspections * anatomy and physiology of bovine food animal, including skeletal structure, organs, circulatory, digestive, urinary, nervous and respiratory systems * key requirements of AS 4696:2007 * steps in ante-mortem and post-mortem inspections * common abnormalities, diseases and conditions that affect cattle, buffalo and calves, including Actinobacillosis, Actinomycosis, tick fever * common ante-mortem and post-mortem dispositions * notifiable diseases that affect cattle, buffalo and calves within jurisdiction * humane and efficient slaughtering techniques including restraint, stunning and bleeding * workplace health and safety hazards and workplace requirements * equipment used for post-mortem inspections * role of equipment for meeting hygiene and sanitation and workplace requirements * correct technique for incision of parts and organs * sampling methods to test for diseases and conditions in carcase * types of specimens removed from cattle, buffalo and calves for testing * role of National Association of Testing Authorities (NATA) accredited laboratories * segregation requirements for suspect animals * workplace procedures and regulatory requirements for: * ante and post-mortem inspection of cattle, buffalo and calves * denaturing animals condemned at ante mortem * emergency kills and euthanising stock in lairage * hygiene and sanitation * hygiene and sanitary sequence requirements * retaining carcases * identifying, collecting and submitting specimens * humane destruction of cattle, buffalo and calves * emergency and suspect slaughter * disposal of condemned carcase * reporting on ante and post-mortem * the relevant registration processes and procedures for meat inspectors at their specific premises. |

| Assessment Conditions |
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| Assessment of the skills in this unit of competency must take place under the following conditions:   * physical conditions: * skills must be demonstrated in a slaughtering establishment * resources, equipment and materials: * live bovine animals for slaughtering * bovine species carcases * sampling equipment * workplace diary or format to record post-mortem hours (including the number of livestock/carcases inspected and conditions detected) to be verified by a suitably qualified supervisor * specifications: * workplace standard operating procedures * AS 4696:2007 Hygienic Production and Transportation of Meat and Meat Products for Human Consumption or its successor * regulatory requirements for site * relationships: * under the supervision of a meat inspector or a suitably qualified supervisor * timeframes: * post-mortem inspections must be performed at production speed.   Assessment for this unit must include at least three forms of evidence.  Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.  A suitably qualified supervisor must hold this unit, AMPMSY4X2 Perform ante and post-mortem inspection - Bovine or have equivalent and current skills and knowledge. |

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