Modification history

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| Release | Comments |
| Release 1 | This version released with AMP Australian Meat Processing Training Package release 9.0. |

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| AMPPOU2X04 | Operate a poultry stunning, killing and defeathering process |
| Application | This unit of competency describes the skills and knowledge required to set up, operate, adjust and shut down a process to stun, kill and defeather birds.  This unit applies to individuals who work under general supervision to operate and monitor stunning, killing and defeathering equipment and processes in a poultry production environment.  All work must be carried out to comply with workplace procedures, according to state/territory health and safety, food safety and animal welfare regulations, legislation and standards that apply to the workplace.  No licensing, legislative or certification requirements apply to this unit at the time of publication.  Mandatory workplace requirements apply to the assessment of this unit. |
| Pre-requisite Unit | Nil |
| Unit Sector | Poultry Processing (POU) |

| 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 the stun, kill and defeather equipment and process for operation | 1.1 Identify and follow work instructions, animal welfare requirements and work health and safety requirements for task  1.2 Confirm birds are available to meet operational requirements  1.3 Identify and confirm cleaning and maintenance requirements  1.4 Identify and fit personal protective equipment as required by workplace safety procedures  1.5 Fit and adjust machine components and related attachments  1.6 Enter processing or operating parameters required for the process  1.7 Check and adjust equipment performance to meet process requirements  1.8 Conduct pre-start checks on equipment at start of shift and following any breaks, following workplace requirements |
| 2. Monitor each stage of the stun, kill and defeather process | 2.1 Start up and operate the stun, kill and defeathering process according to workplace procedures  2.2 Monitor equipment to identify variation in operating conditions and adjust or report variations according to production requirements  2.3 Monitor each stage of the process to confirm specifications are met  2.4 Confirm that birds are stunned, killed and bled to specification  2.5 Remove feathers and heads to specification  2.6 Identify, rectify or report out-of-specification product or process outcomes  2.7 Maintain the work area following workplace cleaning and sanitation procedures  2.8 Maintain workplace records in required format |
| 3. Shut down the stun, kill and defeather process | 3.1 Identify and implement the appropriate shutdown procedure  3.2 Identify and report maintenance requirements  3.3 Maintain workplace records in required format |

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| 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 | * Interpret standard operating procedures for the stunning, killing and defeathering process |
| Oral communication | * Report issues to supervisor clearly and promptly |
| Numeracy | * Monitor and adjust the stun, kill and defeather process control points including bleeding time, scald water temperature (°C), immersion time and line speed * Monitor supply and flow of materials to and from the stun, kill and defeather process to the evisceration process |

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| Unit Mapping Information | | | |
| Code and title current release | Code and title previous release | Comments | Equivalence status |
| AMPPOU2X04 Operate a poultry stunning, killing and defeathering process | AMPP208 Operate a stunning, killing and defeathering process | Unit code updated  Unit sector code added  Unit application updated  Foundation Skills revised  Assessment Requirements reworded for clarity  Mandatory workplace requirements clarified | 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 |

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| TITLE | Assessment requirements for AMPOU2X04 Operate a poultry stunning, killing and defeathering process |
| 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 demonstrated all steps of a stunning, killing and defeathering process, following animal welfare and workplace requirements, in a micro or larger meat processing premises.  **In micro meat processing premises**  The assessor must observe the individual operating and monitoring the stunning, killing and defeathering process for a minimum of 20 birds/carcases.  There must also be evidence that the individual has completed 2 shifts on the job, fulfilling workplace requirements (these shifts may include normal rotations into and out of the relevant work task).  **In larger meat processing premises**  The assessor must observe the individual operating and monitoring the stunning, killing and defeathering process for a minimum of 100 birds/carcases, or for 15 minutes, whichever comes first.  There must also be evidence that the individual has completed 2 shifts on the job, fulfilling workplace requirements (these shifts may include normal rotations into and out of the relevant work task).  Mandatory workplace requirements  All performance evidence specified above must be demonstrated in a poultry processing premises. | |

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| 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:   * purpose and basic principles of each part of the stun, kill and defeather process * basic principles of bird handling, including humane treatment of birds; conditions that stress birds; and environmental design features to minimise stress, such as airflow, humidity and temperature controls * euthanasia procedures for birds identified with welfare issues * how bird death can be confirmed * basic operating requirements and parameters of equipment * typical equipment faults and related causes * the effect of each stage on the quality of end product, including the relationship between the bleeding stage and final product quality and between scald temperature and immersion time on the defeathering stage * inspection or test points (control points) in the process and the related procedures * contamination and food safety risks associated with the stun, kill and defeather process and related control measures * work health and safety hazards and risks and associated controls * environmental issues and controls relevant to the stun, kill and defeather process, including systems in place to collect, treat and dispose of waste and by-products including blood, water, feathers and bird parts * requirements of different shutdowns * requirements for recording and reporting production and performance information * workplace cleaning and sanitation procedures relevant to the stun, kill and defeather process * key information included in relevant Australian Standard and Australian Animal Welfare Standards and Guidelines for Poultry. |

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| Assessment Conditions |
| Assessment of the skills in this unit of competency must take place under the following conditions:   * physical conditions:   *skills must be demonstrated in a poultry processing premises, at workplace production speed*   * resources, equipment and materials:   *stunning, killing and defeathering equipment*  *personal protective equipment*  *birds to be processed*  *workplace recording system*   * specifications:   *product specifications*  *task-related documents*   * personnel:   *workplace supervisor or mentor.*  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.  **Mandatory workplace requirements**  Mandatory workplace requirements are shown in *italic* text. Refer to the Companion Volume Implementation Guide for further information. |

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