Modification history

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| Release | Comments |
| Release 1 | This version released with AHC Agriculture, Horticulture, Conservation and Land Management Training Package Version 8.0. |

| AHCPRK4x2 | Supervise pig production farms |
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| Application | This unit of competency describes the skills and knowledge required to monitor and maintain outdoor pig production. It includes scheduling and supervising production tasks, maintaining pig health and farm infrastructure.  This unit applies to individuals who apply specialist knowledge and skills with discretion and judgement to care for pigs. They work autonomously, supervise other workers and coordinate contractors. They plan, coordinate and monitor pig production activities, and solve predictable and unpredictable pig health and welfare problems. Work environments may include outdoor pig farming systems and free range farms.  Commonwealth and/or state/territory health and safety, animal welfare, environmental protection and biosecurity legislation, regulations and codes of practice apply to keeping and working with pigs. Requirements vary between industry sectors and jurisdictions.  No licensing, legislative or certification requirements apply to this unit at the time of publication. |
| Prerequisite Unit | Nil |
| Unit Sector | Pork (PRK) |

| 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 to implement pork production tasks | 1.1 Review enterprise production program and/or records and determine the work tasks to be undertaken and productivity targets  1.2 Determine workers, contractors and specialist equipment required for the tasks and confirm availability  1.3 Identify hazards to self, other workers, contractors and pigs related to work tasks, and assess and control risks  1.4 Select, check and prepare personal protective equipment (PPE) according to enterprise safety and biosecurity requirements  1.5 Select, check and prepare tools, equipment and other resources required for work tasks  1.6 Monitor weather and adjust work program and/or resources as required |
| 2. Coordinate and monitor work tasks | 2.1 Inform workers and contractors of their allocated work task requirements, and relevant safety, biosecurity and animal welfare requirements  2.2 Confirm workers and contractors understand their individual work tasks, safety, PPE, biosecurity and animal welfare responsibilities  2.3 Assist workers and contractors to commence work and provide additional guidance if required  2.4 Undertake spot checks to ensure workers and contractors meet individual task and productivity requirements, and relevant safety, PPE, biosecurity and animal welfare requirements  2.5 Communicate with workers and contractors regularly to provide constructive feedback and to identify and/or resolve issues with work tasks, productivity and related requirements  2.6 Monitor overall work progress and adjust processes, priorities and human and/or physical resources to achieve productivity and quality requirements  2.7 Complete personnel, production, quality and other records and reports according to enterprise requirements |
| 3. Monitor and maintain pig health | 3.1 Check pigs and identify, record and/or report signs of good health, ill health, and injury according to enterprise requirements  3.2 Observe individual pig and group behaviour and record and/or report abnormalities and/or undesirable behaviour according to enterprise requirements  3.3 Examine dead pigs for evidence of disease through post-mortem techniques in line with regulatory and industry standards and veterinary advice  3.4 Review pig health data and seek veterinary or other professional assistance if required to identify ill health and/or disease status of herd  3.5 Consult with veterinary or other professional if required to determine treatment plan  3.6 Implement treatment plan and monitor pig recovery, morbidity and mortality  3.7 Update records according to and enterprise and/or regulatory requirements |
| 4. Monitor and maintain production environment | 4.1 Review production environment components, infrastructure, equipment and assets register and ensure scheduled checks are undertaken, with records and reports completed according to enterprise procedures  4.2 Coordinate or carry out repairs and maintenance of production environment components infrastructure, equipment and assets as required.  4.3 Check outdoor pig fencing, housing, sheds, or shelters meet pig health, safety and welfare requirements regularly, and maintain and/or repair as required  4.4 Check pig feeders and drinkers regularly to ensure pigs have access to sufficient quantity and quality food and water, and undertake adjustments, maintenance or repairs as required  4.5 Monitor nutrient, soil and water conditions of production environment, report and carry out maintenance as required  4.6 Analyse production environment maintenance data and reports, and document recommendations for major repairs or capital investments required to achieve enterprise productivity, animal welfare, biosecurity, safety and environmental objectives. |
| 5. Monitor effluent and waste removal, storage and treatment | 5.1 Ensure removal of manure and litter if required, and store or treat according to enterprise health, safety and infection control procedures  5.2 Remove, store and treat liquid effluent according to enterprise health, safety and environmental procedures as required  5.3 Check that manure and effluent storage and treatment plant and equipment systems is maintained and operated according to the production program and manufacturer instructions  5.4 Ensure that all waste and used consumables are removed from production site and disposed of in line with enterprise environmental procedures  5.5 Complete waste removal and management records and reports according to enterprise 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 |
| Foundation Skills essential to performance are explicit in the performance criteria of this unit of  competency. | |
| Reading | * Interpret information in enterprise procedures, forms and work standards related to pig care * Interpret pork industry and veterinary terminology in pig health and welfare documents |
| Writing | * Record pig health and treatments using industry, veterinary and regulatory terminology * Use pork industry, veterinary and regulatory terminology when completing reports |
| Oral communication | * Instruct other workers clearly using language appropriate to the audience * Use open-ended questions, active listening and paraphrasing to gather information |
| Numeracy | * Estimate and calculate quantity, time, distance, area, weight, volume, ratio, temperature and humidity * Interpret numerical information provided in manufacturer instructions for operation of pig farm plant and equipment |

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| Unit Mapping Information | | | |
| Code and title current version | Code and title previous version | Comments | Equivalence status |
| AHCPRK4X2 Supervise pig production farms | AHCPRK306 Monitor and maintain outdoor pig production | AQF indicator in unit code changed to reflect unit outcomes  Title changed? Application updated  Elements and Performance Criteria revised for clarity  Existing element 4 and 6 merged into revised element 5.  Element 7 removed  Foundation Skills added  Performance Evidence, Knowledge Evidence and Assessment Conditions updated | Not equivalent |

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| Links | Companion Volumes, including Implementation Guides, are available at VETNet: https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72 |

| TITLE | Assessment requirements for AHCPRK4X2 Supervise pig production farms |
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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 the individual has planned and implemented at least two (or three) different pig production tasks that require at least three hours to complete, and involve the supervision of at least two workers or contractors.  For each task, the individual must have:   * determined and documented the work tasks to be undertaken and related productivity and/or quality targets * identified at least three different hazards to self, workers, contractors and pigs related to work tasks, and assessed and controlled risks * selected and briefed workers and/or contractors on their allocated task/s including confirmation of: * specific task requirements, including productivity and/or quality expectations * safety, PPE, biosecurity and animal welfare responsibilities * prepared personal protective equipment (PPE) for each worker and/or contractor and ensured it is correctly fitted and used * selected, checked and prepared tools, equipment and other resources required for work tasks * undertaken at least two checks of each worker's and/or contractor's performance while doing the task and provided constructive feedback to assist them to meet individual task requirements * monitored overall work progress and adjusted processes, priorities and human and/or physical resources to achieve productivity and quality requirements * completed personnel, production, quality and other records and reports according to enterprise requirements   The individual must also have monitored and maintained the health of at least two different groups of pigs. For each group, the individual must have, including:   * reviewed health care program and records and applied routine treatments * checked pigs and identified, recorded signs of good health, ill health, and injury * checked at least two pigs from each group, including: * temperature, respiratory rate, hydration status and heart rate * abnormal discharges, including nasal, eye and genitalia * abnormal behaviour, body language or mobility   In addition to the above, the individual must have:   * examined at least one dead pig for evidence of disease through post-mortem techniques according to enterprise procedures and/or veterinary advice * reviewed pig health data and sought veterinary or other professional assistance if required to identify ill health and/or disease status of a group of pigs * determined and implemented treatment plan for pig disease or ill health according to enterprise requirements and/or veterinary or other professional advice * monitored pig recovery, morbidity and mortality and updated pig health care records according to and enterprise and/or regulatory requirements   The candidate must provide evidence that they can:   * prepare for work in the production area * coordinate work activities * monitor daily operations * monitor herd health * monitor production environment * complete records and documentation * follow work health and safety policies * follow biosecurity policies * follow animal welfare policies * follow environmental policies | |

| 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:   * relevant legislation, codes of practice, industry standards and guidelines for outdoor pig production * features and uses of enterprise production plans, enterprise work programs, environmental management plan and nutrient management plan * requirements, maintenance, mitigation and protection measures for nutrients, soils, ground and surface water * significance, effects and control measures for chemicals, gaseous emissions and odours that impact on the production environment and surrounding community * relevant regulatory, industry and enterprise work health and safety requirements, codes of practice and standards * use and maintenance of personal protective equipment * types, functions, cleaning and maintenance of relevant tools and equipment * types, requirements for and methods for determining allocation of enterprise resources * strategies for communicating with and providing feedback to staff, contractors and management * effects and impacts of weather elements on enterprise work programs and outdoor production environments, and preparations and adjustments to mitigate such impacts * types, functions, characteristics, cleaning and maintenance of relevant outdoor pig housing and production installations and equipment, such as fencing, feeders and drinkers * requirements, methods and procedures for manure and litter removal and treatment * types, characteristics, functions, operation and maintenance of effluent storage and treatment systems * requirements, methods and procedures for waste removal and disposal * common diseases signs of health, signs of ill health, and methods for assessing individual pig and herd health and condition * requirements, methods and procedures for conducting post-mortem examination of pigs * relevant regulatory, industry and enterprise biosecurity requirements, codes of practice and standards * relevant regulatory, industry and enterprise environmental and sustainability requirements, codes of practice and standards * criteria, methods and procedures for monitoring environmental health and condition * key features of typical enterprise recording and reporting requirements related to pig production * relevant animal welfare requirements |

| Assessment Conditions |
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| Assessment of the skills in this unit of competency must take place under the following conditions:   * physical conditions: * a pig production or pig breeding farm or an environment that accurately represents workplace conditions * resources, equipment and materials: * live pigs specified in performance evidence * pig farm infrastructure, materials, resources, tools and equipment, including PPE specified in the performance evidence * specifications: * enterprise procedures for pig care, health and welfare, worker health and safety, and biosecurity and environmental protection activities specified in the performance evidence * enterprise plans for pig health care and pig environment maintenance schedules * relationships: * other workers and/or contractors specified in the performance evidence   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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