Modification history

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| Release | Comments |
| Release 1 | This version released with AHC Agriculture, Horticulture, Conservation and Land Management Training Package Version 80. |

| AHCPRK4X1 | Implement a feeding plan for pig production |
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| Application | This unit of competency describes the skills and knowledge required to implement a feeding plan for pig production. It includes preparing resources, managing feed storages, and monitoring pig feeding.  This unit applies to individuals who in pork production environments and apply specialist knowledge and skills with discretion and judgement to interpret production requirements to prepare, coordinate and monitor pig feeding plans. They work autonomously, supervise other workers and solve predictable and unpredictable pig health and welfare problems. Work environments may include indoor and outdoor pork production systems.  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 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 feeding plan and resources | 1.1 Determine feed quantities required from the production program  1.2 Use relevant laboratory results when determining quantities and ration formulation of stockfeed in consultation with nutritionist  1.3 Schedule and allocate responsibility for feeding according to production program and other relevant operational requirements  1.4 Monitor and ensure feed systems are maintained regularly |
| 2. Manage storage of feed | 2.1 Develop a plan for secure and hygienic storage of feed according to enterprise biosecurity procedures  2.2 Allocate and monitor feed storage areas to meet enterprise hygiene, production and safety requirements  2.3 Organise rotation and replenishment of feed supplies to maximise quality and meet quantities required for production  2.4 Schedule pig feeding times according to their nutritional needs and enterprise equipment resources available  2.5 Collect and prepare feed samples for testing according to the production program and enterprise procedures  2.6 Supervise calibration of feeding equipment and calculation of feed quantities to meet pig nutritional requirements |
| 3. Supervise feeding | 3.1 Identify hazards to team members and pigs related to pig feeding tasks, and assess and control risks  3.2 Check appropriate personal protective equipment is maintained and used by team members according to enterprise health, safety and biosecurity requirements  3.3 Ensure that feed rations are supplied to pigs and recorded according to feeding plan requirements  3.4 Ensure continuous supplies of potable water are available to pigs  3.5 Provide pig feeding advice to team members as required  3.6 Monitor and supervise pig feeding to minimise waste  3.7 Complete pig feeding records and reports according to enterprise procedures |

| 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 plans, procedures, and standards related to pig feeding * Interpret terminology in laboratory and pig nutrition reports |
| Writing | * Use pork industry and technical terminology when completing pig nutrition records and 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, weight, volume, ratio, and temperature |

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| Unit Mapping Information | | | |
| Code and title current version | Code and title previous version | Comments | Equivalence status |
| AHCPRK4X1 Implement a feeding plan for pig production | AHCPRK401 Implement a feeding strategy for pig production | Title changed Application updated  Element 1 revised for clarity  Performance criteria revised, added or reordered for clarity  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 AHCPRK4X1 Implement a feeding plan for pig production |
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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 safely and effectively planned, implemented and monitored a feeding plan for at least three different groups of pigs to meet production targets over a period of at least six weeks. For each group, the individual must have:   * determined and documented feeding plan based on professional nutritional advice * identified at least three hazards to workers and pigs related to implementing the feeding plan, and assessed and controlled risks * briefed at least one worker on their allocated feeding task/s, including confirmation of safety, PPE, biosecurity and animal welfare responsibilities * prepared personal protective equipment (PPE) for at least one worker and ensured it is correctly fitted and used * checked feeding and watering systems and equipment required to implement pig feeding plan are operational * checked pig feed has been stored safely and securely according to enterprise quality and biosecurity requirements * prepared at least two different food samples for laboratory testing * monitored pig feeding and identified feed waste * ensured removal and/or reuse of unused feed and water according to enterprise animal welfare, biosecurity and environmental procedures * evaluated and documented implementation feeding plan according to enterprise procedures | |

| 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:   * key features of state/territory legislation, regulations and codes of practice for worker health and safety, animal welfare, biosecurity and environment protection that apply to pig feeding * enterprise procedures and requirements for worker health and safety, animal welfare, biosecurity and environment protection that apply to pig feeding * hazard identification, risk assessment and controls to minimise risks when implementing pig feeding plans * main structures and functions of pig digestive system * principles of nutrition, feeding strategies and feeding management of pigs * key nutritional requirements of pigs, including: * energy, carbohydrate, protein, fats, fibre, essential amino acids and vitamins * variations for weaners, growers, finishers and pregnant and lactating sows * types, forms and characteristics of pig feeds * pig feeding behaviour relevant to managing nutrition, including: * herd behaviour * individual behaviour * life stage * environmental conditions * criteria, requirements, types of and principal considerations for feed storage, including: * pest control * prevention of contamination * temperature and moisture * features, criteria and requirements for formulating feeding plans and rations * antibiotic and residue withholding periods relating to feed and nutrition * requirements, methods and procedures for collecting, preparing and transporting feed samples for testing * types, calibration and use of equipment used to feed pigs * requirements, types and maintenance of potable water supplies to pigs * selection, use and maintenance of PPE required for pig feeding tasks * signs of health, ill health, good condition and poor condition in pigs, and methods for assessing pig health and condition in relation to nutrition and feeding * types of waste associated with pig feeding, and methods for removal, reuse, recycling and disposal * zoonoses, including erysipelas, leptospirosis, ringworm and influenza * key features of typical enterprise recording and reporting requirements related to pig care |

| 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 pork production site * 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 pig production plans, including professional nutritional information specified in the performance evidence * enterprise and manufacturer specifications for checking and maintaining pig feeding systems and equipment 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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