



Australian Government

AHCPRK310 Artificially inseminate pigs

Release: 1

AHCPRK310 Artificially inseminate pigs

Modification History

Release	Comments
Release 1	This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 7.0.

Application

This unit of competency describes the skills and knowledge required to prepare for and artificially inseminate pigs, record data and complete work.

The unit applies to individuals who artificially inseminate pigs under broad direction, and take responsibility for their own work.

All work must be carried out to comply with workplace procedures, health and safety in the workplace requirements, animal welfare legislative, regulatory and codes of practice requirements, and sustainability and biosecurity practices.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Pre-requisite Unit

Nil

Unit Sector

Pork (PRK)

Elements and Performance Criteria

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Prepare for artificial insemination	1.1 Follow workplace hygiene and animal welfare practices, and biosecurity procedures 1.2 Identify potential hazards and risks, and implement safe working practices to address risks 1.3 Select, fit, use and maintain personal protective equipment (PPE)

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	applicable to task 1.4 Obtain semen supplies and resources 1.5 Follow artificial insemination program and procedures
2. Inseminate pigs and record data	2.1 Identify sows for insemination and ensure they are at correct stage of their oestrus cycles 2.2 Handle pigs humanely according to workplace animal welfare practices 2.3 Prepare pigs for artificial insemination 2.4 Conduct insemination hygienically applying relevant animal anatomy and physiology 2.5 Complete required documentation and records according to workplace procedures
3. Complete work	3.1 Return pigs to designated area 3.2 Dispose of waste and debris according to workplace procedures 3.3 Clean work area according to workplace procedures 3.4 Clean, maintain and store equipment according to workplace 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.

Skill	Description
Reading	Identify and interpret textual information from a range of sources to identify relevant and key information about pig artificial insemination operations
Writing	Use clear language, accurate industry terminology and logical structure to prepare artificial insemination documents and records

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
AHCPRK310 Artificially inseminate pigs	AHCPRK303 Artificially inseminate pigs	Minor changes to application Minor changes to performance criteria Foundation skills added Assessment requirements updated	Equivalent

Links

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

Assessment Requirements for AHCPRK310 Artificially inseminate pigs

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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 successfully artificially inseminated at least ten pigs with an accuracy of over 85 percent and has:

- prepared for artificial insemination of pigs
- followed relevant workplace health and safety and environmental and biosecurity legislation, regulations and workplace procedures, including selected, fitted and used personal protective equipment (PPE) applicable to the task
- followed workplace hygiene and animal welfare practices
- prepare and artificially inseminate pigs and record data
- cleaned work area and equipment.

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:

- environment and biosecurity legislation and regulations and workplace practices relevant to artificial insemination of pigs
- workplace requirements applicable to health and safety in the workplace for artificial insemination of pigs, including appropriate use of PPE
- principles and practices of pig artificial insemination, including:
 - workplace practice and procedures for artificial insemination of pigs
 - workplace hygiene practices relevant to artificial insemination of pigs
 - animal welfare legislation, codes of practice and procedures relevant to artificial insemination of pigs
 - procurement, transportation, handling, maintenance, storage and use of porcine semen for artificial insemination
 - anatomy and physiology of reproductive organs and structures in pigs
 - documentation and record keeping requirements

- procedures for cleaning and maintaining work areas
- types, uses, maintenance, servicing and storage of equipment.

Assessment Conditions

Assessment of the skills in this unit of competency must take place under the following conditions:

- physical conditions:
 - a workplace setting or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - work instructions and workplace procedures applicable to artificial insemination of pigs
 - PPE applicable to artificial insemination of pigs
 - live gilts and sows
 - semen, materials, tools and equipment applicable to artificial insemination of pigs
- specifications:
 - workplace requirements applicable to health and safety in the workplace for artificial insemination of pigs
 - environment and biosecurity legislation and regulations and workplace practices applicable to artificial insemination of pigs
 - industry standards, legislation and codes of practice and procedures for animal welfare applicable to artificial insemination of pigs
 - workplace hygiene practices applicable to artificial insemination of pigs
- timeframes:
 - according to performance targets.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

Links

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