

Modification history

Release	Comments
Release 2	This version released with AHC Agriculture, Horticulture, Conservation and Land Management Training Package Version 7.0.
Release 1	This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 1.0.

AHCAIS301	Collect semen
Application	<p>This unit of competency describes the skills and knowledge required to prepare for and routinely collect semen for artificial insemination of livestock, complete collection procedures, and document and record data.</p> <p>The unit applies to individuals who collect livestock semen under broad direction, and take responsibility for their own work.</p> <p>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.</p> <p>Working with entire male animals is an inherently dangerous activity. Individuals who work at this level must be thoroughly competent in all aspects of handling entire male animals.</p> <p>No licensing, legislative or certification requirements apply to this unit at the time of publication.</p>
Prerequisite Unit	Nil
Unit Sector	Artificial Insemination (AIS)

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 animals and collect semen	1.1 Follow workplace animal welfare and hygiene practices, and biosecurity policies 1.2 Identify potential hazards and risks, and implement safe working practices to manage risks 1.3 Select, fit, use and maintain personal protective equipment applicable to the task 1.4 Select and prepare equipment for semen collection 1.5 Prepare nominated sire at the semen collection area 1.6 Collect semen from the nominated sire using industry approved collection techniques 1.7 Transfer semen to the processing and storage area
2. Complete collection procedures	2.1 Carry out post collection procedures according to workplace procedures 2.2 Dispose of waste according to workplace procedures 2.3 Clean and maintain work area and equipment according to workplace procedures 2.4 Return animals to the designated area
3. Document and record data	3.1 Complete documentation and records according to workplace procedures 3.2 Supply information to relevant authorities to promote research and improvements in industry practice

Foundation Skills	
<i>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.</i>	
Skill	Description
Reading	<ul style="list-style-type: none"> Identify and interpret textual information from a range of sources to identify relevant and key information about livestock semen collection operations
Writing	<ul style="list-style-type: none"> Use clear language, accurate industry terminology and logical structure to prepare collection documents and records
Numeracy	<ul style="list-style-type: none"> Collect and record data

Unit Mapping Information			
Code and title current version	Code and title previous version	Comments	Equivalence status
AHCAIS301 Collect semen Release 2	AHCAIS301 Collect semen Release 1	Minor changes to application minor changes to performance criteria foundation skills added assessment requirement 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
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TITLE	Assessment requirements for AHCAIS301 Collect semen
Performance Evidence	
<p>An individual demonstrating competency must satisfy all of the elements and performance criteria in this unit.</p> <p>There must be evidence that the individual has collected livestock semen on at least two occasions, and has:</p> <ul style="list-style-type: none"> • Identified and prepared animals for collecting semen • prepared for and undertaken hygienic collection of semen • collected semen using industry approved collection techniques • transferred semen safely to the preparation and storage area • handled animals in a humane, stress free, and safe manner • completed documentation and records • cleaned up work areas and equipment • followed relevant workplace health and safety and environmental and biosecurity legislation, regulations and workplace procedures • followed workplace animal welfare and hygiene practices. 	
Knowledge Evidence	
<p>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:</p> <ul style="list-style-type: none"> • workplace requirements applicable to health and safety in the workplace for collecting livestock semen, including appropriate use of personal protective equipment (PPE) • environment and biosecurity legislation and regulations and workplace practices relevant to collecting livestock semen • principles and practices of livestock semen collection, including: <ul style="list-style-type: none"> • understanding of mature male animal behaviour and the risks and hazards associated with working with entire male animals • resource and manpower requirements, industry standards, codes of practice and procedures for artificial insemination of the livestock species • semen collection methods, including electro-ejaculation and artificial vagina • types, uses, maintenance, servicing and storage of equipment • requirements and features of semen collection work areas • requirements, methods and techniques for processing and storage of semen • techniques and methods for humane handling and restraint of the livestock species • animal welfare legislation, codes of practice and procedures and hygiene practices relevant to the collection of semen in the livestock species • methods and procedures for cleaning and sterilisation of equipment used for collection • types of diseases transmissible from male to female animals through artificial insemination, semen, and methods of testing, control and prevention • procedures for cleaning and maintaining work areas • documentation and record requirements. 	
Assessment Conditions	
<p>Assessment of the skills in this unit of competency must take place under the following conditions:</p> <ul style="list-style-type: none"> • physical conditions: <ul style="list-style-type: none"> • a workplace setting or an environment that accurately represents workplace conditions • resources, equipment and materials: <ul style="list-style-type: none"> • work instructions and workplace procedures applicable to collection of livestock semen • mature male livestock • materials, tools, equipment and restraints applicable to collection of livestock semen • PPE applicable to collection of livestock semen • specifications: <ul style="list-style-type: none"> • workplace requirements applicable to health and safety in the workplace for collection of livestock semen • environment and biosecurity legislation and regulations and workplace practices applicable to collection of livestock semen 	

Assessment Conditions
<ul style="list-style-type: none">• industry standards, legislation and codes of practice and procedures for animal welfare applicable to collection of livestock semen• hygiene practices applicable to collection of livestock semen• timeframes:<ul style="list-style-type: none">• according to job requirements. <p>Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.</p>

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