



**Australian Government**

# **AHCLSK341 Coordinate artificial insemination and fertility management of livestock**

**Release: 1**

# AHCLSK341 Coordinate artificial insemination and fertility management of livestock

## 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 coordinate artificial insemination (AI) and fertility management of livestock, including preparing for and facilitating AI, and carrying out post AI procedures.

The unit applies to individuals who coordinate AI and fertility management of livestock 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.

Accreditation requirements apply in some jurisdictions to performing commercial AI. Users are advised to check with the relevant State or Territory regulatory authority.

## Pre-requisite Unit

Nil

## Unit Sector

Livestock (LSK)

## 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 animals for artificial insemination   | 1.1 Identify potential hazards and risks, and implement safe working practices to address risks and biosecurity hazards<br>1.2 Select, fit, use and maintain personal protective equipment |

| Elements                                             | Performance Criteria                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <i>Elements describe the essential outcomes.</i>     | <i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>                                                                                                                                                                                                                                                                                                                                                                           |
|                                                      | <p>applicable to task</p> <p>1.3 Assess average body condition of female livestock</p> <p>1.4 Provide advice on nutritional requirements to facilitate optimum condition at the time of artificial insemination as required</p> <p>1.5 Confirm females are not pregnant before commencing the artificial insemination program</p>                                                                                                                                                |
| 2. Facilitate artificial insemination                | <p>2.1 Carry out oestrus inducement and detection procedures according to animal welfare procedures and industry standards</p> <p>2.2 Prepare artificial insemination equipment and facilities, including artificial insemination tank and semen</p> <p>2.3 Use handling techniques that minimise stress and discomfort to livestock according to workplace health and safety and animal welfare practices</p> <p>2.4 Apply hygiene procedures to minimise risk of infection</p> |
| 3. Carry out post artificial insemination procedures | <p>3.1 Maintain female livestock on appropriate nutrition and husbandry management</p> <p>3.2 Monitor female livestock for signs of early abortion or return to oestrus</p> <p>3.3 Apply pregnancy detection techniques and identify pregnancy status of animals</p> <p>3.4 Complete required artificial insemination and pregnancy status records</p>                                                                                                                           |

## 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                                                                                                                                                          |
|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Writing | <ul style="list-style-type: none"> <li>Use clear language, accurate industry terminology and logical structure to prepare AI and pregnancy status records</li> </ul> |

## Unit Mapping Information

| Code and title<br>current version                                                     | Code and title<br>previous version                                                    | Comments                                                                                                                            | Equivalence status |
|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|--------------------|
| AHCLSK341<br>Coordinate artificial insemination and fertility management of livestock | AHCLSK312<br>Coordinate artificial insemination and fertility management of livestock | Minor changes to application<br>Major changes to performance criteria<br>Foundation skills added<br>Assessment requirements updated | Not equivalent     |

## Links

- <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72>