

**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. |

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| <b>AHCPLY301</b>         | <b>Artificially inseminate poultry</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Application</b>       | <p>This unit of competency describes the skills and knowledge required to collect semen, prepare for and artificially inseminate poultry, complete records and work.</p> <p>The unit applies to individuals who artificially inseminate poultry under broad direction, and take responsibility for their own work.</p> <p>All work must be carried out to comply with workplace procedures, work health and safety in the workplace requirements, animal welfare legislative, regulatory and codes of practice requirements, and sustainability and biosecurity practices.</p> <p>No licensing, legislative or certification requirements apply to this unit at the time of publication.</p> |
| <b>Prerequisite Unit</b> | Nil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Unit Sector</b>       | Poultry (PLY)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

| Elements                                         | Performance Criteria                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
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| <i>Elements describe the essential outcomes.</i> | <i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>                                                                                                                                                                                                                                                                                                                                                                                    |
| 1. Prepare for insemination of birds             | 1.1 Schedule timing to ensure availability of resources and personnel<br>1.2 Follow workplace hygiene, animal welfare and biosecurity procedures<br>1.3 Identify potential hazards and risks, and implement safe working practices to manage risks<br>1.4 Select, fit, use and maintain personal protective equipment applicable to the task<br>1.5 Prepare and clean insemination equipment according to workplace procedures<br>1.6 Prepare birds for semen collection and insemination |
| 2. Collect semen                                 | 2.1 Identify males for semen collection<br>2.2 Catch and handle birds appropriately<br>2.3 Collect semen according to workplace procedures<br>2.4 Store semen                                                                                                                                                                                                                                                                                                                             |
| 3. Inseminate birds                              | 3.1 Prepare semen for insemination<br>3.2 Identify intended recipient birds<br>3.3 Catch, restrain and prepare hen for artificial insemination<br>3.4 Inseminate hen using appropriate procedures                                                                                                                                                                                                                                                                                         |
| 4. Complete work                                 | 4.1 Return birds to allocated areas<br>4.2 Dispose of waste and debris according to workplace procedures<br>4.3 Clean work area according to workplace procedures<br>4.4 Clean, maintain and store equipment according to workplace procedures<br>4.5 Complete required records                                                                                                                                                                                                           |

| <b>Foundation Skills</b>                                                                                                                                                                               |                                                                                                                                                                                                                |
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| <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> |                                                                                                                                                                                                                |
| <b>Skill</b>                                                                                                                                                                                           | <b>Description</b>                                                                                                                                                                                             |
| Reading                                                                                                                                                                                                | <ul style="list-style-type: none"> <li>Identify and interpret textual information from a range of sources to identify relevant and key information about poultry artificial insemination operations</li> </ul> |
| Writing                                                                                                                                                                                                | <ul style="list-style-type: none"> <li>Use clear language, accurate industry terminology and logical structure to prepare artificial insemination records</li> </ul>                                           |

| <b>Unit Mapping Information</b>                           |                                                           |                                                                                                                                     |                           |
|-----------------------------------------------------------|-----------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|---------------------------|
| <b>Code and title current version</b>                     | <b>Code and title previous version</b>                    | <b>Comments</b>                                                                                                                     | <b>Equivalence status</b> |
| AHCPLY301<br>Artificially inseminate poultry<br>Release 2 | AHCPLY301<br>Artificially inseminate poultry<br>Release 1 | Minor changes to application<br>minor changes to performance criteria<br>foundation skills added<br>assessment requirements updated | Equivalent                |

| <b>Links</b> | Companion Volumes, including Implementation Guides, are available at VETNet: <a href="https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72">https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72</a> |
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| <b>TITLE</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>Assessment requirements for AHCPLY301 Artificially inseminate poultry</b> |
| <b>Performance Evidence</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                              |
| <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 artificially inseminated poultry on at least two separate occasions, and has:</p> <ul style="list-style-type: none"> <li>• prepared for artificial insemination of poultry</li> <li>• applied workplace hygiene standards</li> <li>• carried out semen collection</li> <li>• carried out artificial insemination of birds</li> <li>• completed records</li> <li>• followed relevant workplace health and safety legislation, regulations and workplace procedures</li> <li>• followed relevant workplace biosecurity and animal welfare policies and practices.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                              |
| <b>Knowledge Evidence</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                              |
| <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"> <li>• workplace requirements applicable to health and safety in the workplace for artificial insemination of poultry, including appropriate use of personal protective equipment (PPE)</li> <li>• workplace practices relevant to artificial insemination of poultry</li> <li>• principles and practices of poultry artificial insemination, including: <ul style="list-style-type: none"> <li>• resource and manpower requirements, biosecurity requirements, industry standards and procedures for artificial insemination of poultry</li> <li>• industry standards, legislation and codes of practice and procedures for animal welfare and artificial insemination in poultry</li> <li>• collection, handling, storage and use of poultry semen for artificial insemination</li> <li>• preparation of birds for collection of semen and insemination</li> <li>• handling of semen and insemination of poultry</li> <li>• types, uses, maintenance and storage of equipment</li> <li>• procedures for cleaning of equipment used for artificial insemination</li> <li>• documentation and record requirements</li> <li>• procedures for cleaning and maintaining work areas.</li> </ul> </li> </ul>                                                                                                     |                                                                              |
| <b>Assessment Conditions</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                              |
| <p>Assessment of the skills in this unit of competency must take place under the following conditions:</p> <ul style="list-style-type: none"> <li>• physical conditions: <ul style="list-style-type: none"> <li>• a workplace setting or an environment that accurately represents workplace conditions</li> </ul> </li> <li>• resources, equipment and materials: <ul style="list-style-type: none"> <li>• work instructions and workplace procedures applicable to artificial insemination of poultry</li> <li>• live hens</li> <li>• semen, materials, tools and equipment applicable to artificial insemination of poultry</li> <li>• PPE applicable to artificial insemination of poultry</li> </ul> </li> <li>• specifications: <ul style="list-style-type: none"> <li>• workplace requirements applicable to health and safety in the workplace for artificial insemination of poultry</li> <li>• environment and biosecurity legislation and regulations and workplace practices applicable to artificial insemination of poultry</li> <li>• industry standards, legislation and codes of practice and procedures for animal welfare</li> <li>• industry standards and procedures for artificial insemination of poultry</li> </ul> </li> <li>• timeframes: <ul style="list-style-type: none"> <li>• according to job requirements.</li> </ul> </li> </ul> <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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