



**Australian Government**

# **AHC BIO305 Apply biosecurity measures**

**Release: 2**

# AHC BIO305 Apply biosecurity measures

## Modification History

| Release   | Comments                                                                                                                    |
|-----------|-----------------------------------------------------------------------------------------------------------------------------|
| Release 2 | This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 3.0. |
| Release 1 | This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 1.0. |

## Application

This unit of competency describes the skills and knowledge required to interpret and apply control measures in a biosecurity plan to protect a property from the entry and spread of biosecurity threats.

The unit applies to individuals who work under broad direction and take responsibility for their own work. They use discretion and judgement in the selection, allocation and use of available resources.

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

## Pre-requisite Unit

Nil

## Unit Sector

Biosecurity (BIO)

## 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. Identify biosecurity threats and determine control measures for a farm | 1.1 Access and interpret enterprise biosecurity plan and biosecurity information<br>1.2 Identify biosecurity threats to the enterprise<br>1.3 Identify control measures to minimise the risk of identified |

| Elements                                                     | Performance Criteria                                                                                                                                                                                                                                                                                                      |
|--------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <i>Elements describe the essential outcomes.</i>             | <i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>                                                                                                                                                                                                                    |
|                                                              | biosecurity threats for the property<br>1.4 Determine responsibilities for applying control measures in regular work routines and confirm with supervisor                                                                                                                                                                 |
| 2. Apply biosecurity control measures to all farm activities | 2.1 Apply control measures identified in the property biosecurity plan for all farm activities according to workplace procedures<br>2.2 Incorporate the property control measures into work routines seeking clarification from supervisor according to workplace procedures                                              |
| 3. Maintain records related to biosecurity activity          | 3.1 Keep records for sales and purchases for traceability of farm inputs and outputs<br>3.2 Request and retain vendor biosecurity documentation according to state and territory regulations<br>3.3 Retain monitoring and surveillance data according to workplace procedures                                             |
| 4. Monitor biosecurity procedures                            | 4.1 Monitor effectiveness of control measures<br>4.2 Monitor work duties of farm personnel to ensure biosecurity control measures are applied appropriately<br>4.3 Report issues and concerns with biosecurity according to workplace procedures<br>4.4 Maintain currency in biosecurity measures applicable to workplace |

## 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            | <ul style="list-style-type: none"> <li>Analyse and consolidates information and data from a range of sources and applies to biosecurity measures</li> </ul>                    |
| Writing            | <ul style="list-style-type: none"> <li>Accurately completes workplace and regulatory biosecurity records using clear and industry relevant terminology</li> </ul>              |
| Oral Communication | <ul style="list-style-type: none"> <li>Effectively participates in verbal exchanges including active listening and questioning and reading of verbal and non-verbal</li> </ul> |

| Skill                      | Description                                                                                                                                                    |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                            | signals to convey and clarify information                                                                                                                      |
| Learning                   | <ul style="list-style-type: none"><li>Applies a range of learning strategies in structured and familiar contexts to maintain currency in biosecurity</li></ul> |
| Navigate the world of work | <ul style="list-style-type: none"><li>Takes responsibility for following policies, procedures and legislative requirements</li></ul>                           |
| Interact with others       | <ul style="list-style-type: none"><li>Cooperates and contributes to work practices of others where biosecurity control measures are expected</li></ul>         |
| Get the work done          | <ul style="list-style-type: none"><li>Takes responsibility for planning, sequencing and prioritising biosecurity measures in work routine</li></ul>            |

## Unit Mapping Information

| Code and title current version                        | Code and title previous version                    | Comments                                                                                                            | Equivalence status |
|-------------------------------------------------------|----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|--------------------|
| AHC BIO305<br>Apply biosecurity measures<br>Release 2 | AHC BIO305 Apply biosecurity measures<br>Release 1 | Changes to Elements and Performance Criteria for clarity<br><br>Updated Performance Evidence and Knowledge Evidence | Equivalent unit    |

## 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 AHC BIO305 Apply biosecurity measures

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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 on at least one occasion the individual has applied biosecurity measures, including:

- located and interpreted farm biosecurity plans and biosecurity information to inform control measures
- identified biosecurity threats for the property and determined control measures
- determined responsibilities for applying control measures
- incorporated and applied biosecurity control measures into work routines according to the biosecurity plan
- maintained records for traceability of farm inputs and farm outputs, and monitoring and surveillance data
- monitored control measures for effectiveness
- monitored workplace personnel for compliance with biosecurity control measures
- reported biosecurity issues and concerns according to procedures
- maintained currency in biosecurity.

### 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:

- principles and practices of biosecurity on farms
- sources of farm biosecurity information, including:
  - government and industry websites
  - technical and research papers
  - journals
  - training

- farm/enterprise biosecurity plans and their function
- farm biosecurity threats, including:
  - pests animals vertebrate
  - plants
  - diseases
  - invertebrate pests
- control measures to minimise the threats entering or spreading into, or from, the farm production and resources, including:
  - farm inputs
  - farm outputs
  - movement of people
  - movement of animals
  - vehicles and equipment
  - production practices
  - feral and wild animals, pests and weeds
- record keeping for traceability (both trace back and trace forward) of farm inputs and outputs
- record keeping for retention of monitoring and surveillance data
- processes for monitoring effectiveness of control measures
- process for reporting biosecurity concerns and issues.

## Assessment Conditions

Assessment of skills must take place under the following conditions:

- physical conditions:
  - skills must be demonstrated on a farm or rural property or an environment that accurately represents workplace conditions
- resources, equipment and materials:
  - computers and websites to access current biosecurity information
  - tools and equipment required to implement control measures
  - recording system relevant to biosecurity
- specifications:
  - workplace documents including farm biosecurity plans, procedures, records,
  - workplace instructions, job specifications or work routines
  - regulations, legislation, codes of practice relevant to biosecurity
- relationships:
  - supervisor.

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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