

### Modification history

Release	Comments
Release 3	This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 5.0.
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.

<b>AHC BIO305</b>	<b>Apply biosecurity measures</b>
<b>Application</b>	<p>This unit of competency describes the skills and knowledge required to interpret and apply control measures in a biosecurity plan to protect a site from the entry and spread of biosecurity threats.</p> <p>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.</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>	Biosecurity (BIO)

**Commented [RB1]:** Made the unit more inclusive of the natural landscape by removing reference specific to "farm"

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 site	1.1 Access and interpret workplace biosecurity plan and biosecurity information 1.2 Identify biosecurity threats to the site 1.3 Identify control measures to minimise the risk of identified biosecurity threats 1.4 Determine responsibilities for applying control measures in regular work routines and confirm with supervisor
2. Apply biosecurity control measures to site activities	2.1 Apply control measures identified on site biosecurity plan for all activities according to workplace procedures 2.2 Incorporate the site 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 inputs and outputs for traceability of activity 3.2 Request and retain biosecurity documentation according to state and territory regulations 3.3 Retain monitoring and surveillance data according to workplace procedures
4. Monitor biosecurity procedures	4.1 Monitor effectiveness of control measures 4.2 Monitor work duties of site personnel to ensure biosecurity control measures are applied appropriately 4.3 Report issues and concerns for biosecurity according to workplace procedures 4.4 Maintain currency in biosecurity measures applicable to workplace

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<b>Foundation Skills</b>	
<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>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 signals to convey and clarify information</li> </ul>
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>

<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>
AHCBIO305 Apply biosecurity measures Release 3	AHCBIO305 Apply biosecurity measures Release 2	Minor changes to Performance Criteria be inclusive of non-farm environments  Updated Performance Evidence and Knowledge Evidence	Equivalent unit

<b>Links</b>	Companion Volumes, including Implementation Guides, are available at VETNet: <a href="https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72">https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72</a>
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<b>TITLE</b>	<b>Assessment requirements for AHC BIO305 Apply biosecurity measures</b>
<b>Performance Evidence</b>	
<p>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:</p> <ul style="list-style-type: none"> <li>• located and interpreted site biosecurity plans and biosecurity information to inform control measures</li> <li>• identified biosecurity threats for the site and determined control measures</li> <li>• determined responsibilities for applying control measures</li> <li>• incorporated and applied biosecurity control measures into work routines according to the biosecurity plan</li> <li>• maintained records for traceability of inputs and outputs, and monitoring and surveillance data</li> <li>• monitored control measures for effectiveness</li> <li>• monitored workplace personnel for compliance with biosecurity control measures</li> <li>• reported biosecurity issues and concerns according to procedures</li> <li>• maintained currency in biosecurity.</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>• principles and practices of biosecurity on different sites, including: <ul style="list-style-type: none"> <li>• production agriculture</li> <li>• amenity and production horticulture</li> <li>• conservations and land management including the natural landscape</li> </ul> </li> <li>• sources of biosecurity information, including: <ul style="list-style-type: none"> <li>• government and industry websites</li> <li>• technical and research papers</li> <li>• journals</li> <li>• training</li> </ul> </li> <li>• biosecurity plans and their function</li> <li>• biosecurity threats, including: <ul style="list-style-type: none"> <li>• vertebrate pests</li> <li>• plants</li> <li>• diseases</li> <li>• invertebrate pests</li> </ul> </li> <li>• control measures to minimise the threats entering or spreading into, or from, the site , including: <ul style="list-style-type: none"> <li>• inputs</li> <li>• outputs</li> <li>• movement of people</li> <li>• movement of animals</li> <li>• vehicles and equipment</li> <li>• production practices</li> <li>• feral and wild animals, pests and weeds</li> </ul> </li> <li>• record keeping for traceability (both trace back and trace forward) of inputs and outputs</li> <li>• record keeping for retention of monitoring and surveillance data</li> <li>• processes for monitoring effectiveness of control measures</li> <li>• process for reporting biosecurity concerns and issues.</li> </ul>	
<b>Assessment Conditions</b>	
<p>Assessment of skills must take place under the following conditions:</p> <ul style="list-style-type: none"> <li>• physical conditions: <ul style="list-style-type: none"> <li>• skills must be demonstrated on a site that has exposure to potential biosecurity threats or an environment that accurately represents workplace conditions</li> </ul> </li> <li>• resources, equipment and materials: <ul style="list-style-type: none"> <li>• computers and websites to access current biosecurity information</li> </ul> </li> </ul>	

<b>Assessment Conditions</b>	
<ul style="list-style-type: none"><li>• tools and equipment required to implement control measures</li><li>• recording system relevant to biosecurity</li><li>• specifications:<ul style="list-style-type: none"><li>• workplace biosecurity plans, procedures, records,</li><li>• workplace instructions, job specifications or work routines</li><li>• regulations, legislation, codes of practice relevant to biosecurity</li></ul></li><li>• relationships:<ul style="list-style-type: none"><li>• supervisor.</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>	
<b>Links</b>	Companion Volumes, including Implementation Guides, are available at VETNet: <a href="https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72">https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72</a>