

Modification history

Release	Comments
Release 2	This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version X.0.
Release 1	This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 1.0.

AHCSDT401	Maintain a quarantine approved laboratory
Application	<p>This unit of competency describes the skills and knowledge required to maintain and monitor a quarantine-approved laboratory that meets Department of Agriculture (DA) certification.</p> <p>The unit applies to senior seed analysts who analyse information and exercise judgement to complete a range of advanced skilled activities and demonstrate deep knowledge in a specific technical area. They have accountability for the work of others and analyse, design and communicate solutions to a range of complex problems. All work is carried out to comply with workplace procedures.</p> <p>No licensing, legislative or certification requirements apply to this unit at the time of publication.</p>
Prerequisite Unit	Nil
Unit Sector	Seed Testing (SDT)

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. Interpret and communicate quarantine requirements	1.1 Maintain information on quarantine requirements impacting laboratory operations 1.2 Distribute information on responsibilities of work team to maintain laboratory's quarantine compliance according to state and federal regulations 1.3 Explain implications of non-compliance with regulations to personnel within laboratory
2. Ensure that work practices are compliant	2.1 Plan work practices to ensure compliance 2.2 Implement testing procedures for methods and equipment in compliance with quarantine regulations 2.3 Implement systems to ensure accuracy and/or efficiency of equipment 2.4 Coach and mentor team members in compliance laboratory quarantine procedures
3. Monitor, analyse, adjust and report performance	3.1 Identify, rectify and report problems with quarantine compliance 3.2 Minimise potential non-compliance through on-going review of procedures and supervision of activities 3.3 Advise laboratory personnel of strategies to improve compliance 3.4 Communicate new and improved procedures to laboratory personnel 3.5 Maintain systems, records and reporting procedures according to state and federal quarantine regulations
4. Investigate, rectify and report non-conformance	4.1 Investigate and manage incidents and occurrences of non-compliance 4.2 Provide training for laboratory personnel to acquire and apply competencies to meet compliance 4.3 Redesign or adjust work practices to ensure that non-compliance is not repeated

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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	•
Writing	•
Oral Communication	•
Numeracy	•

Commented [RB1]: TBC on confirmation of PC's

Unit Mapping Information			
Code and title current version	Code and title previous version	Comments	Equivalence status
AHCSDT401 Maintain a quarantine approved laboratory Release 2	AHCSDT401 Maintain a quarantine approved laboratory Release 1	Changes to Application. Minor changes to Performance Criteria. Added Foundation Skills. Updated Performance Evidence, Knowledge Evidence and Assessment Conditions	Equivalent

Links
Companion Volumes, including Implementation Guides, are available at VETNet: https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72

AHCSDT401 Maintain a quarantine approved laboratory

TITLE	Assessment requirements for AHCSDT401 Maintain a quarantine approved laboratory
Performance Evidence	
<p>An individual demonstrating competency must satisfy all of the elements and performance criteria in this unit. There must be evidence that the individual has on at least one occasion maintained a quarantine approved laboratory and has:</p> <ul style="list-style-type: none"> • maintained and monitored a quarantine approved laboratory that meet federal and state regulations and certification • initiated action to rectify instances of non-compliance • maintained records, according to federal and state quarantine regulations • designed and negotiated changes to work practices and procedures to comply with quarantine regulations • provided information, coaching and mentoring support to laboratory work team to change work 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"> • State and Federal quarantine regulations for approved laboratories • compliant laboratory systems, records and reporting procedures • workplace standard operating procedures (SOPs) • health, safety and environment requirements for approved quarantine laboratories • statutory and legal compliance requirements • coaching and mentoring strategies. 	
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"> • skills must be demonstrated in quarantine compliant laboratory or an environment that accurately represents workplace conditions • resources, equipment and materials: <ul style="list-style-type: none"> • access to tools, equipment and materials subject to quarantine regulations • access to training and mentoring materials and equipment • specifications: <ul style="list-style-type: none"> • use of workplace policies, procedures and processes • access to specific legislation, regulations and codes of practice for quarantine compliant laboratories • relationships: <ul style="list-style-type: none"> • work team. <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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