



Australian Government

AHCSDT414 Maintain a quarantine approved laboratory

Release: 1

AHCSDT414 Maintain a quarantine approved laboratory

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 maintain and monitor a quarantine approved laboratory that meets federal and state government certification requirements.

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.

Federal, state and territory legislation, regulations and certification requirements apply to this unit for biological materials subject to quarantine.

Pre-requisite Unit

Nil

Unit Sector

Seed Testing (SDT)

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. Interpret and communicate quarantine requirements	1.1 Maintain information on quarantine and biosecurity requirements impacting laboratory operations 1.2 Distribute information on responsibilities of work team to maintain laboratory's compliance according to state and federal regulations 1.3 Explain implications of non-compliance with regulations to

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	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 regulations 2.3 Implement systems to ensure accuracy and/or efficiency of equipment 2.4 Coach and mentor team members compliance according quarantine and biosecurity procedures
3. Review, modify and implement laboratory procedures	3.1 Identify, rectify and report problems with 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
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 4.4 Maintain systems, records and reporting procedures according to state and federal quarantine regulations

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	Interpret and comply with documented federal, state and territory quarantine regulations
Writing	Document clearly defined work practices for work team to follow

Skill	Description
Oral Communication	Communicate quarantine procedures to work team

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
AHCSDT414 Maintain a quarantine approved laboratory	AHCSDT401 Maintain a quarantine approved laboratory	Edited Application for clarity Minor changes to Performance Criteria for clarity Foundation Skills refined Performance Evidence and Knowledge Evidence clarified Amended structure of 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>