



Australian Government

Department of Education, Employment and Workplace Relations

AHCSDT405A Handle & store quarantinable seeds

Release 1

AHCSDT405A Handle & store quarantinable seeds

Modification History

Release	TP Version	Comments
1	AHC10v4	Initial release

Unit Descriptor

This Unit covers the storage and handling of seeds subject to quarantine or isolation in accordance with laboratory procedures, and in compliance with AQIS or other regulatory requirements.

Application of the Unit

This Unit applies to senior seed analysts working within enterprise guidelines. In general, they oversee the preparation of samples for testing; conduct and supervise specified tests in accordance with enterprise requirements; interpret and report results; maintain record-keeping systems; and have responsibility for overall laboratory operations, the supervision of staff, and implementation of quality assurance procedures.

Licensing/Regulatory Information

Not applicable.

Pre-Requisites

Nil.

Employability Skills Information

This Unit contains employability skills.

Elements and Performance Criteria Pre-Content

Elements describe the essential outcomes of a Unit of Competency.

Performance criteria describe the performance needed to demonstrate achievement of the element. Where bold italicised text is used, further information is detailed in the required skills and knowledge section and the range statement. Assessment of performance is to be consistent with the evidence guide.

Elements and Performance Criteria

- | | |
|---|---|
| 1. Handle and test quarantinable <i>seed</i> | 1.1 Work practices involving the handling and testing of quarantinable seed are planned to ensure compliance.
1.2 Seed testing procedures are carried out so that methods and equipment are fit for purpose.
1.3 Procedures to ensure the accuracy, efficiency and AQIS compliance of equipment are implemented.
1.4 Team members are supervised and mentored to ensure AQIS compliance. |
| 2. Store quarantinable seeds | 2.1 AQIS and laboratory <i>requirements for storage facilities</i> and associated document processes are identified.
2.2 Quarantinable seeds are stored in accordance with AQIS requirements and documented procedures.
2.3 Stored quarantinable seed is secured to prevent unauthorised access. |
| 3. Report non-compliance | 3.1 Incidents and occurrences of non-compliance with storage or handling of quarantinable seeds are reported to management.
3.2 Supervision and training is provided for laboratory personnel to meet compliance.
3.3 Workplace practices are re-designed or adjusted to prevent repetition of non-compliance. |

Required Skills and Knowledge

This section describes the skills and knowledge required for this Unit.

Required skills include:

Ability to:

- comply with AQIS and laboratory requirements when dealing with quarantinable seeds
- take appropriate action to rectify potential problems or instances of non-compliance
- provide information to laboratory staff on AQIS compliance
- suggest changes to laboratory procedures to meet AQIS compliance
- provide training and support to laboratory personnel to change work practices
- keep required records complete, current and secure as required by AQIS.

Required knowledge includes:

Knowledge fo:

- AQIS requirements required for handling and storing quarantinable seeds
- laboratory systems, records and reporting procedures for dealing with quarantinable seeds
- statutory and legal compliance requirements
- relevant health, safety and environment requirements.

Evidence Guide

The evidence guide provides advice on assessment and must be read in conjunction with the performance criteria, required skills and knowledge, range statement and the Assessment Guidelines for the Training Package.

Overview of assessment	
Critical aspects for assessment and evidence required to demonstrate competency in this Unit	The evidence required to demonstrate competency in this Unit must be relevant to workplace operations and satisfy holistically all of the requirements of the performance criteria and required skills and knowledge and include achievement of the following: • handle and store quarantinable seeds • maintain records and documentation relating to AQIS compliance • report non-compliance • redesign work procedures to prevent reoccurrence of non-compliance.
Context of and specific resources for assessment	Competency requires the application of work practices under work conditions. Selection and use of resources for some worksites may differ due to the regional or enterprise circumstances
Method of assessment	This Unit should be assessed together with core Units and other Units of Competency relevant to the function or work role.
Guidance information for assessment	To ensure consistency of performance, competency should be demonstrated on more than one occasion over a period of time in order to cover a variety of circumstances, cases and responsibilities, and where possible, over a number of assessment activities.

Range Statement

The range statement relates to the Unit of Competency as a whole. It allows for different work environments and situations that may affect performance. Bold italicised wording, if used in the performance criteria, is detailed below. Essential operating conditions that may be present with training and assessment (depending on the work situation, needs of the candidate, accessibility of the item, and local industry and regional contexts) may also be included.

<i>Seed</i> may include:	• bare seed; treated seed and coated seed that has been prepared as required.
<i>AQIS requirements for storage</i> may include:	• hygiene; isolation; signage; record-keeping; waste disposal; security; calibration, certification and efficacy of equipment and operational procedures.

Unit Sector(s)

Seed Testing