



Australian Government

AHCSDT309 Prepare a working sample

Release: 1

AHCSDT309 Prepare a working sample

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 receive a sample of seed, reduce the sample for testing and store the working sample to maintain its quality.

The unit applies to individuals who take responsibility for their own work and for the quality of the work of others. They use discretion and judgement in the selection, allocation and use of available resources. All work is carried out to comply with workplace procedures.

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

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. Receive submitted sample	1.1 Receive submitted sample and verify documentation 1.2 Assess sample for compliance with documentation and laboratory standards and report inconsistencies to supervisor 1.3 Label sample and update records according to workplace procedures and industry standards 1.4 Prepare submitted sample for testing according to timeframes specified in workplace procedures and documentation

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	1.5 Handle and store submitted sample according to workplace procedures and industry specifications for species
2. Reduce sample	2.1 Check working area and equipment is clean and free of contaminants 2.2 Identify and use equipment suitable for dividing samples according to workplace procedures and industry specifications for species 2.3 Reduce sample size to equal or greater than required working sample according to workplace and industry procedures 2.4 Package working sample for testing according to procedures 2.5 Update sample labelling and records according to workplace procedures and industry specifications
3. Store working sample after testing	3.1 Receive tested samples and verify records and labels before storing 3.2 Handle samples according to workplace guidelines where live insects have been detected before storage 3.3 Store samples after testing in environmental conditions that minimise changes in seed quality traits

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
Writing	Document samples and labels accurately using industry standards formatting and language
Numeracy	Calculate seed quantities and sample sizes accurately

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
AHCSDT309 Prepare a working sample	AHCSDT301 Prepare a working sample	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>

Assessment Requirements for AHCSDT309 Prepare a working sample

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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 the individual has prepared a working sample of seeds for testing from at least five samples submitted and has:

- received and verified submitted samples
- obtained a working sample from a seed sample submitted for testing
- reduced samples to a size consistent with documentation and industry standards
- updated documentation and labelling accurately
- stored samples following testing to preserve their integrity.

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:

- workplace procedures for sampling seeds for testing
- mechanical dividers and their applications
- sample reduction methods and apparatus
- procedures for obtaining working samples for different tests
- relevant work health, safety and environment requirements
- seed handling and storage requirements to maintain seed quality
- the rules and role of the International Seed Testing Association (ISTA).

Assessment Conditions

Assessment of the skills in this unit of competency must take place under the following conditions:

- physical conditions:

- skills must be demonstrated in a seed testing laboratory or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - seed samples with documentation for testing
 - seed sampling equipment
 - recording and labelling materials
- specifications:
 - specific workplace procedures, processes, forms for seed sampling
 - manufacturer operating instructions for sampling equipment
 - workplace instructions and seed sampling specifications
 - industry codes of practice and standards
- relationships:
 - supervisor(s).

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

Links

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