



Australian Government

AHCSDT301 Prepare a working sample

Release: 1

AHCSDT301 Prepare a working sample

Modification History

Release	TP Version	Comment
1	AHCv1.0	Initial release

Application

This unit of competency describes the skills and knowledge required to obtaining a working sample from a seed sample submitted for testing. It applies to seed analysts working within enterprise requirements and procedures.

It 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 occupational licensing, legislative or certification requirements are known to apply to this unit at the time of publication.

Pre-requisite Unit

Nil.

Unit Sector

Seed testing (SDT)

Elements and Performance Criteria

Element	Performance criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
1. Receive submitted sample	1.1 Receive submitted sample and verify with submitted documentation 1.2 Notify supervisor if type, condition or quantity of sample is unsatisfactory 1.3 Check paperwork and complete labelling and data entry 1.4 Prepare submitted sample for testing as soon as practicable 1.5 Handle submitted sample and, if necessary, store under optimum species specific conditions

Element	Performance criteria
2. Reduce sample	2.1 Check working area and equipment for cleanliness 2.2 Reduce submitted sample to equal or greater than the required working sample size 2.3 Undertake sample reduction using prescribed apparatus and methods 2.4 Use mechanical dividers where appropriate 2.5 Present working sample for testing 2.6 Complete labelling and records
3. Store working sample after testing	3.1 Check and verify records and labels for tested samples before storing 3.2 Handle samples according to enterprise 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

Foundation Skills essential to performance are explicit in the performance criteria of this unit of competency.

Range of Conditions

Unit Mapping Information

This unit is equivalent to AHCSDT301A Prepare a working sample.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72>

Assessment Requirements for AHCSDT301 Prepare a working sample

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Performance Evidence

The candidate must be assessed on their ability to integrate and apply the performance requirements of this unit in a workplace setting. Performance must be demonstrated consistently over time and in a suitable range of contexts.

The candidate must provide evidence that they can:

- obtain a working sample from a seed sample submitted for testing
- receive submitted samples
- reduce samples
- store submitted and working samples after testing

Knowledge Evidence

The candidate must demonstrate knowledge of:

- enterprise standard operating procedures (SOPs)
- mechanical dividers and their applications
- procedures for obtaining working samples for different tests
- relevant work health, safety and environment requirements
- sample reduction methods and apparatus
- seed handling and storage
- the role of the International Seed Testing Association (ISTA) and the ISTA Rules for Seed Testing

Assessment Conditions

Assessors must satisfy current standards for RTOs.

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