



**Australian Government**

# **AHC41516 Certificate IV in Seed Testing**

**Release: 1**

## AHC41516 Certificate IV in Seed Testing

### Modification History

Release	TP Version	Comment
1	AHCv1.0	Initial release

### Qualification Description

This qualification reflects the roles of senior seed analysts who perform a range of advanced tests on seed in seed laboratories and may supervise the work of seed analysts.

No occupational licensing, legislative or certification requirements are known to apply to this qualification at the time of publication.

### Entry Requirements

Entrants into the Certificate IV in Seed Testing must hold the following units of competency or their equivalent:

- AHCSDT301 Prepare a working sample
- AHCSDT302 Identify seeds
- AHCSDT304 Perform a seed purity analysis
- AHCSDT305 Perform a seed moisture test
- AHCSDT306 Perform a seed germination test
- AHCSDT307 Perform a 'Determination of Other Seeds by Number' test
- AHCWHS301 Contribute to work health and safety processes
- AHCWRK306 Comply with industry quality assurance requirements
- AHCWRK309 Apply environmentally sustainable work practices

## Packaging Rules

Total number of units = 18

- Core Units = 9
- Elective Units = 9

### Core Units

Unit Code	Unit Title
AHCSDT402	Prepare and maintain a seed reference collection
AHCSDT404	Develop and implement laboratory policy and procedures
AHCSDT406	Undertake internal audits in a seed laboratory
AHCSDT409	Perform a tetrazolium test
AHCSDT410	Perform seed vigour test
AHCSDT411	Perform a 1000 seed weight test
AHCWHS401	Maintain work health and safety processes
AHCWRK401	Implement and monitor quality assurance procedures
AHCWRK403	Supervise work routines and staff performance

### Elective Units

- Select 5 units from list below
- 4 units may be selected from this or any other endorsed Training Package or Accredited Course  
Selected units must be relevant to job outcomes in a seed testing laboratory and must be chosen to ensure the integrity of the qualification outcome at AQF level 4

Unit Code	Unit Title
AHCSDT401	Maintain a quarantine approved laboratory
AHCSDT403	Perform an Anguina test on annual ryegrass seed
AHCSDT405	Handle & store quarantinable seeds

AHCSDT407	Perform an endophytic seed test
AHCSDT408	Perform an electrophoresis test on a seed sample
MSL904001	Perform standard calibrations
MSL924001	Process and interpret data
MSL924002	Use laboratory application software
MSL934002	Apply quality system and continuous improvement processes
MSL934003	Maintain and control stocks

## Qualification Mapping Information

This qualification is equivalent to AHC41512 Certificate IV in Seed Testing.

## Links

Companion Volume implementation guides are found in VETNet -  
<https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72>