



**Australian Government**

# **Assessment Requirements for AHCBA312 Test and grade grains and seeds on receipt**

**Release: 1**

# Assessment Requirements for AHC BAC312 Test and grade grains and seeds on receipt

## Modification History

Release	Comments
Release 1	This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 7.0.

## 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 sampled and tested grains or seed on receipt of delivery on at least one occasion, including:

- identified work health and safety hazards, assessed risks and implemented controls
- identified grain and seed types on delivery
- sampled grains and seeds including:
  - collected representative sample
  - packaged sample to prevent cross contamination
  - recorded and labelled samples according to procedures
- identified defects in grain including:
  - split grains and seeds
  - undersize
  - chaff
  - weed seeds and other contaminants
  - damage
- read, interpreted and applied seed and grain sampling and testing standards
- dispatched and stored grains and seeds samples and maintained hygiene
- conducted sampling and initial testing
- operated testing equipment which must include:
  - manual tests
  - electronic test equipment
- maintained records.

## 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:

- safe operating procedures for handling and storing grain, including:
  - working at heights and confined spaces with storage bins
  - power lines and elevated equipment safety
  - storage dust and potential for fire and explosions
- grain/seed testing processes including testing and calibrating sampling instruments
- industry standards, codes of practice and quality assurance requirements for grains and seeds
- testing procedures and parameters for grains, including:
  - protein
  - weight
  - oil content
  - moisture
  - defects
  - sprouts
- testing procedures and parameters for seed, including:
  - genetic purity
  - cultivar
  - dead
  - abnormal
  - hard seed
  - germination potential
  - contamination with foreign matter
- analysis and consequence of test result
- segregation strategies/methods and hygiene management
- record keeping strategies and importance for traceability
- impact of residues including chemical
- enterprise biosecurity policies and procedures.

## Assessment Conditions

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

- physical conditions:
  - skills must be demonstrated on a broadacre farm or seed handling/processing facility or an environment that accurately represents workplace conditions
- resources, equipment and materials:
  - delivery vehicle with seed or grain

- tools for sampling grains/seeds
- seed and grain test equipment
- personal protective equipment
- specifications:
  - workplace policies, procedures and delivery documents and forms
  - manufacturer operating instructions for specific equipment, machinery
  - workplace specifications for seed/grain quality standards
- relationships:
  - client/delivery person.

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

## **Links**

Companion Volumes, including Implementation Guides, are available at VETNet: -  
<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72>