



Australian Government

Department of Education, Employment and Workplace Relations

AHCBAC304A Test grains/seeds on receival

Release: 1

AHC BAC304A Test grains/seeds on receipt

Modification History

Not Applicable

Unit Descriptor

Unit descriptor	This unit covers the process of testing grains/seeds on receipt and defines the standard required to: identify different grains/seeds; conduct sampling and initial testing; record samples for further testing; communicate with customers and maintain records.
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Application of the Unit

Application of the unit	This unit involves working under broad supervision within enterprise guidelines. The work is usually carried out within established routines, methods and procedures where some discretion and judgement are required in the selection of equipment and materials, organisation of work and the achievement of outcomes within time constraints.
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Licensing/Regulatory Information

Not Applicable

Pre-Requisites

Prerequisite units		

Employability Skills Information

Employability skills	This unit contains employability skills.
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Elements and Performance Criteria Pre-Content

Not Applicable

Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA

ELEMENT	PERFORMANCE CRITERIA
1. Identify grains/seeds on receipt	1.1. Grains/seeds are checked against growers/suppliers details and product details. 1.2. A visual check of product is conducted. 1.3. Relevant enterprise and/or industry policies and procedures are observed with regard to rejection of product. 1.4. Grades of grains/seeds are identified in accordance with enterprise and/or industry practice as required.
2. Collect grains/seed samples for testing	2.1. Growers/suppliers requirements are confirmed and feedback sought to improve service delivery. 2.2. Information from growers/suppliers is recorded in accordance with enterprise and/or industry practice. 2.3. The appropriate tests to be performed are determined. 2.4. Sampling requirements/protocols are carried out in accordance with enterprise and/or industry practice.
3. Perform initial tests on samples	3.1. Testing equipment is operated in accordance with manufacturer's instructions, enterprise and/or industry practice. 3.2. Grains/seed defects and contaminants are identified and recorded. 3.3. Results of initial testing are recorded in accordance with enterprise and/or industry practice. 3.4. Test results are compared with specifications and appropriate action taken where necessary. 3.5. Handling procedures are followed to prevent mixing and/or contamination of samples.
4. Despatch samples to testing facilities	4.1. Samples are packed and labelled in accordance with enterprise and/or industry practice. 4.2. Records of testing requirements are prepared in accordance with enterprise and/or industry practice. 4.3. Samples are dispatched to testing facility.
5. Prepare for storage of grains/seed	5.1. Arrangements are made for segregation of grain/seed according to enterprise standards and industry practice. 5.2. Site transfer arrangements are made as required. 5.3. Inspect conveying equipment and identify and report items requiring maintenance or repair.

Required Skills and Knowledge

REQUIRED SKILLS AND KNOWLEDGE

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

Required skills

- identify Occupational Health and Safety (OHS) hazards and implement safe operating procedures
- identify grain/seed types
- take samples
- identify defects such as split grains/seeds, undersize, chaff, weed seeds, damage
- store and dispatch grains/seeds samples and maintain hygiene
- use literacy skills to read, interpret and follow organisational policies and procedures, follow sequenced written instructions, record accurately and legible information collected and select and apply procedures for a range of tasks
- use oral communication skills/language competence to fulfil the job role as specified by the organisation, including questioning techniques, active listening, clarifying information and consulting with supervisors as required
- use numeracy skills to estimate, calculate and record routine workplace measures
- use interpersonal skills to work with and relate to people from a range of cultural, social and religious backgrounds and with a range of physical and mental abilities.

Required knowledge

- safe operating procedures for handling and storing grain
- grain/seed testing processes
- industry standards and codes of practice
- testing regimes for grains such as protein, weight, oil content, moisture, defects, sprouts etc.
- testing regimes for seed such as genetic purity, cultivar, dead, abnormal and hard seed, germination potential, foreign matter
- analysis and consequence of test result
- requirements for segregation, traceability and hygiene
- impact of residues including chemical
- industry practice, standards and quality assurance requirements in relation to grains sampling and testing
- segregation strategies/methods
- sampling and testing protocols.

Evidence Guide

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:

- identify different grains/seeds
- conduct sampling and initial testing
- record samples for further testing
- communicate with customers and maintain records.

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.

Range Statement

RANGE STATEMENT

The range statement relates to the unit of competency as a whole.

Testing may include:

- seeds/grains that may be taken into receipt and tested under this standard include:
 - wheat and coarse grains
 - cotton
 - grain legumes
 - oilseeds
 - temperate pastures
 - tropical pastures.

Unit Sector(s)

Unit sector	Broad acre cropping
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Co-requisite units

Co-requisite units		

Competency field

Competency field	
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