



Australian Government

AHCSP0312 Sample seed before and after processing

Release: 1

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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 sample seed on arrival at a processing plant and following processing for quality and certification purposes.

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.

Seed to be processed for Certification must be sampled by Authorised Sampler in accordance with International, Federal and State seed certification regulations.

Pre-requisite Unit

Nil

Unit Sector

Seed Processing (SPO)

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. Sample seed before cleaning or processing	1.1 Prepare the seed lot for sampling according to job requirements and relevant federal and state agencies overseeing seed movement and sampling standards 1.2 Follow workplace health and safety standards, including fitting and using personal protective equipment (PPE) 1.3 Select sampling equipment according to type of seed and job requirements

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	1.4 Inspect samples visually for contaminants and biosecurity risk 1.5 Record or report results of sampling 1.6 Direct seed load for storage according to workplace procedures 1.7 Label, record and store seed samples
2. Sample seed after processing	2.1 Prepare the seed lot for sampling according to job requirements 2.2 Select sampling equipment according to type of seed and job requirements 2.3 Take samples according to specified sampling techniques 2.4 Batch and label samples according to industry standards and workplace procedures 2.5 Package samples with accompanying labelling and forward for testing according to workplace and laboratory procedures

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	Maintain accurate records and ensure labels are accurately marked with required details
Numeracy	Calculate, weigh and measure samples of seed according to specifications for seed type

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
AHCSPO312 Sample seed before and after processing	AHCSPO308 Sample seed before and after processing	Edited Application for clarity Minor changes to	Equivalent

		Performance Criteria for clarity Foundation Skills refined Performance Evidence and Knowledge Evidence clarified Amended structure of Assessment Conditions	
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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 AHCSPO312 Sample seed before and after processing

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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 sampled seed using industry and workplace sampling methods on at least one occasion for the following situations:

- graded and/or treated seed
- delivery truck on arrival at a processing plant/farm
- bulk containers and/or sacks

In doing so, there must be evidence that the individual has:

- completed sampling documentation including packaged and labelled seed samples and prepared samples for despatch
- recognised common weed seeds and other seed contaminants in sample
- recorded workplace information for seed samples
- selected sampling equipment for a representative sample according to workplace procedures and certification authority
- collected seed samples for testing by other agencies according to their specifications and procedures
- completed record and labels accurately according to specifications
- used tools for sampling and prepared a sample for despatch
- followed workplace health and safety standards, including fitted and used personal protective equipment (PPE).

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:

- principles and practices of seed sampling, including:
 - purpose and correct methods of sampling
 - workplace records and other documentation

- seed handling and the importance of seed moisture content in seed samples
- recognised seed/grain types, including contaminating seed and biosecurity threats
- seed sampling protocols required by farm and/or agencies
- federal and state agencies overseeing seed movement in Australia and sampling standards, including:
 - federal and state quarantine and biosecurity regulators
 - Organisation for Economic Co-operation and Development (OECD)
 - Association of Official Seed Certifying Agencies (AOSCA)
 - other certification agencies
- workplace health and safety when sampling seed, including:
 - personal protective equipment used for sampling treated seed
 - working in confined spaces
 - safety barriers
 - working at heights.

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 processing plant, a farm or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - bulk unprocessed seed
 - bulk processed seed
 - seed sampling equipment
 - seed record keeping and labelling resources
 - personal protective equipment
- specifications:
 - seed sampling procedures and standards
 - manufacturer operating instructions for equipment
 - workplace instructions and specifications
- relationships:
 - supervisor(s).

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

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