

**Modification history**

Release	Comments
Release 1	This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 6.0.

<b>AHCSPO308</b>	<b>Sample seed before and after processing</b>
<b>Application</b>	<p>This unit of competency describes the skills and knowledge required to sample seed on arrival at a processing plant and after processing for quality and certification purposes.</p> <p>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.</p> <p>Seed to be processed for Certification must be sampled by Authorised Sampler in accordance with International, Federal and State certification regulations.</p>
<b>Prerequisite Unit</b>	Nil
<b>Unit Sector</b>	Seed Processing (SPO)

**Commented [RB1]:** Unsure if this unit is necessary. Should it follow the International Rules for Seed Testing- Chapter 2 Sampling?  
Advice is sought

**Commented [RB2]:** New statement to indicate requirement for Certified seed 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. Sample seed before cleaning or processing	1.1 Prepare the seed lot for sampling according to job requirements 1.2 Select sampling equipment according to type of seed and job requirements 1.3 Inspect samples visually for contaminants 1.4 Record or report results of sampling 1.5 Direct seed load for storage according to workplace procedures 1.6 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	
<i>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.</i>	
Skill	Description
Writing	<ul style="list-style-type: none"> <li>Maintain accurate records and ensure labels are accurately marked with required details</li> </ul>
Numeracy	<ul style="list-style-type: none"> <li>Calculate, weigh and measure samples of seed according to specifications for seed type</li> </ul>

Unit Mapping Information			
Code and title current version	Code and title previous version	Comments	Equivalence status

AHCSPO308 Sample seed before and after processing

<p>AHCSPO308 Sample seed before and after processing Release 2</p>	<p>AHCSPO308 Sample seed before and after processing Release 1</p>	<p>Minor changes to Application, and Performance Criteria. Added Foundation skills. Updated Performance Evidence, Knowledge Evidence and Assessment Conditions</p>	<p>Equivalent</p>
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<p><b>Links</b></p>	<p>Companion Volumes, including Implementation Guides, are available at VETNet: <a href="https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72">https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72</a></p>
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<b>TITLE</b>	<b>Assessment requirements for AHCSPO308 Sample seed before and after processing</b>
<b>Performance Evidence</b>	
<p>An individual demonstrating competency must satisfy all of the elements and performance criteria in this unit.</p> <p>There must be evidence that the individual has sampled seed using industry and workplace sampling methods for the following situations:</p> <ul style="list-style-type: none"> <li>• graded and/or treated seed</li> <li>• delivery truck on arrival at a processing plant/farm</li> <li>• bulk containers and/or sacks</li> </ul> <p>There must be evidence that the individual has:</p> <ul style="list-style-type: none"> <li>• <del>carry out moisture testing, temperature and seed density tests in accordance with enterprise requirements</del></li> <li>• completed sampling documentation</li> <li>• packaged and labelled seed samples</li> <li>• prepared samples for despatch</li> <li>• recognised common weed seeds and other seed contaminants in sample</li> <li>• recorded workplace information for seed samples</li> <li>• selected and evaluated sampling equipment for a representative sample according to workplace procedures and certification authority</li> <li>• collected seed samples for testing by other agencies according to their specifications and procedures</li> <li>• completed record and labels accurately according to specifications</li> <li>• used tools for sampling and prepared a samples for despatch.</li> </ul>	
<b>Knowledge Evidence</b>	
<p>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:</p> <ul style="list-style-type: none"> <li>• principles and practices of seed sampling, including: <ul style="list-style-type: none"> <li>• purpose and correct methods of sampling</li> <li>• workplace records and other documentation</li> <li>• seed handling and the importance of seed moisture content in seed samples</li> <li>• seed types that require sampling</li> </ul> </li> <li>• federal and state agencies overseeing seed movement in Australia and sampling standards, including: <ul style="list-style-type: none"> <li>• Australian Quarantine and Inspection Service (AQIS)</li> <li>• Organisation for Economic Co-operation and Development (OECD)</li> <li>• Association of Official Seed Certifying Agencies (AOSCA)</li> <li>• other certification agencies</li> </ul> </li> <li>• workplace health and safety when sampling seed, including: <ul style="list-style-type: none"> <li>• personal protective equipment used for sampling treated seed</li> <li>• working in confined spaces</li> <li>• safety barriers</li> <li>• working at heights.</li> </ul> </li> </ul>	
<b>Assessment Conditions</b>	
<p>Assessment of the skills in this unit of competency must take place under the following conditions:</p> <ul style="list-style-type: none"> <li>• physical conditions: <ul style="list-style-type: none"> <li>• skills must be demonstrated in a seed processing plant, farm or an environment that accurately represents workplace conditions</li> </ul> </li> <li>• resources, equipment and materials: <ul style="list-style-type: none"> <li>• bulk unprocessed seed</li> <li>• bulk processed seed</li> <li>• seed sampling equipment</li> <li>• seed record keeping and labelling resources</li> <li>• use of personal protective equipment</li> </ul> </li> <li>• specifications: <ul style="list-style-type: none"> <li>• use of seed sampling procedures and standards</li> </ul> </li> </ul>	

**Commented [RB3]:** Deleted this as these are tests not sampling. If the tests are required then the units title and elements must be changed.  
Testing units are included in AHCSDT

AHCSPO308 Sample seed before and after processing

<b>Assessment Conditions</b>	
<ul style="list-style-type: none"><li>• use of manufacturer operating instructions for equipment</li><li>• use of workplace instructions and specifications</li><li>• relationships:<ul style="list-style-type: none"><li>• supervisor.</li></ul></li></ul> <p>Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.</p>	
<b>Links</b>	Companion Volumes, including Implementation Guides, are available at VETNet: <a href="https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72">https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72</a>