

## Modification history

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

<b>AHCSPO304</b>	<b>Operate seed modification machinery</b>
<b>Application</b>	<p>This unit of competency describes the skills and knowledge required to operate seed modification or seed alteration machinery and equipment.</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. All work is carried out to comply with workplace procedures.</p> <p>No licensing, legislative or certification requirements apply to this unit at the time of publication.</p>
<b>Prerequisite Unit</b>	Nil
<b>Unit Sector</b>	Seed Processing (SPO)

**Commented [RB1]:** I have a concern that the level of performance is closer to AQF 2 not 3. Recommend recoding to AQF2. Advice required

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. Select and prepare seed modification machinery and equipment for use	<p>1.1 Prepare seed modification machinery to job requirements and confirmed against work plan</p> <p>1.2 Complete routine pre-operational checks of the machine according to manufacturer specifications and workplace requirements</p> <p>1.3 Recognise work health and safety hazards in the workplace and assess and minimise risks</p>
2. Operate seed modification machinery and equipment	<p>2.1 Operate seed modification machinery in a safe and controlled manner and monitor for performance and efficiency</p> <p>2.2 Anticipate risks to self, others and the environment and implement mitigation strategies</p> <p>2.3 Select, use, maintain and store suitable personal protective equipment (PPE)</p> <p>2.4 Report environmental implications associated with machinery operation</p>
3. Complete and report on seed modification machinery and equipment operation	<p>3.1 Complete shut-down procedures to manufacturer specifications and workplace requirements</p> <p>3.2 Complete and maintain machinery and equipment operational records</p> <p>3.3 Report malfunctions, faults and observation of irregular performance of seed modification machinery and equipment</p> <p>3.4 Clean, secure and store machinery and equipment</p>

## 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
Reading	<ul style="list-style-type: none"> <li>Interpret work plans, manufacturer specifications and operator instruction for using a screen cleaner for seed</li> </ul>
Oral communication	<ul style="list-style-type: none"> <li>Use industry language and concepts, and tone and pace appropriate for reporting to supervisor</li> </ul>

## Unit Mapping Information

AHCSPO304 Operate seed modification machinery

Code and title current version	Code and title previous version	Comments	Equivalence status
AHCSPO304 Operate seed modification machinery Release 2	AHCSPO304 Operate seed modification machinery Release 1	Minor changes to Application, and Performance Criteria. Added Foundation skills. Updated Performance Evidence, Knowledge Evidence and Assessment Conditions	Equivalent

<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>
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<b>TITLE</b>	<b>Assessment requirements for AHCSP0304 Operate seed modification machinery</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 on at least one occasion operated an gravity table for a seed processing operation and has:</p> <ul style="list-style-type: none"> <li>identified need for a particular line of seed to be modified</li> <li>set up and prepared machinery for use</li> <li>operated seed modification machinery</li> <li>reported on seed modification machinery and equipment operation.</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 for operating two kinds of seed modification machinery <ul style="list-style-type: none"> <li>safe machinery operation</li> <li>seed biology; coleoptiles</li> <li>damage caused to seed by modification machinery such as de-awners/clippers, scarifiers, rice huskers etc.</li> </ul> </li> <li>the principles of operation and the expectations and limitations, maintenance and safety associated with seed modification machinery</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>seed modification equipment</li> <li>tools and equipment for adjustments</li> <li>use of specific items of personal protective equipment</li> </ul> </li> <li>specifications: <ul style="list-style-type: none"> <li>use of workplace procedures</li> <li>use of manufacturer operating instructions for equipment</li> <li>use of workplace instructions and specifications</li> </ul> </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>	
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