



Australian Government

AHCSP0309 Process planting seed

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 operate seed processing machinery and equipment to clean, grade, and prepare grains and seeds for planting or further pre-planting treatments.

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.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

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. Select and prepare for processing of planting seeds and grains	1.1 Determine seed type, location and volume for processing from work plan and storage schedule 1.2 Confirm seed processing requirements and specifications from work plan 1.3 Confirm transfer and storage requirements of pre and post seed processing according to work plan and seed storage schedule

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
2. Select and prepare seed processing machinery and equipment	2.1 Select, check and use personal protective equipment (PPE) according to workplace health and safety procedures 2.2 Select seed processing machinery and equipment according to work plan 2.3 Prepare seed processing machinery and equipment according to work plan 2.4 Conduct pre-operational checks of machine according to manufacturer specifications, workplace requirements and biosecurity procedures 2.5 Identify work health and safety hazards, assess risk and implement controls 2.6 Calibrate and adjust settings of machinery and equipment to comply with seed processing specifications 2.7 Perform a sample seed run to confirm settings and seed processing performance against specifications according to workplace procedures
3. Operate seed processing machinery and equipment	3.1 Transfer seeds for processing to storage bins and hoppers according to work plan, operator requirements and seed storage schedule 3.2 Use seed processing machinery and equipment safely according to manufacturer operating procedures 3.3 Monitor the performance and efficiency of machinery operation and make adjustments to maintain optimum performance and safety 3.4 Sample and monitor processed seed and make adjustments to machinery to maintain specified quality standards 3.5 Monitor input and output seed storage capacities and implement mitigation procedures to maintain safe and efficient seed storage levels according to workplace procedures and storage schedule
4. Complete seed processing machinery and equipment operation	4.1 Implement seed processing machinery shut-down procedures according to manufacturer specifications and workplace requirements 4.2 Implement operator level maintenance procedures for seed treatment machinery and equipment according to workplace and manufacturer specifications 4.3 Identify and report faults and performance problems of seed processing machinery and equipment according to workplace procedures

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	4.4 Clean, secure and store seed processing machinery and equipment according to biosecurity requirements and to prevent cross contamination
5. Maintain records and reporting for processed seed	5.1 Update records of processed seeds and grains according to workplace procedures 5.2 Update records of seed storage according to storage schedule and workplace procedures 5.3 Identify and report seed processing and machinery irregularities according to workplace 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
Reading	<ul style="list-style-type: none"> Interpret work plans, seed processing quality specifications, seed processing equipment manufacturer specifications and operator instruction
Oral Communication	<ul style="list-style-type: none"> Use industry language and concepts, and tone and pace appropriate for reporting to supervisor
Numeracy	<ul style="list-style-type: none"> Adjust and calibrate seed processing machinery and equipment

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
AHCSP0309 Process planting seed	AHCSP0301 Operate a screen cleaner for seed processing	This unit supersedes the following units: AHCSP0301 Operate a screen cleaner for seed processing	Not equivalent

		<p>AHCSPO302 Operate an indent cylinder</p> <p>AHCSPO303 Operate a gravity table</p> <p>AHCSPO304 Operate seed modification machinery</p> <p>AHCSPO306 Operate specialised seed processing machinery</p>	
AHCSPO309 Process planting seed	AHCSPO302 Operate an indent cylinder	<p>This unit supersedes the following units:</p> <p>AHCSPO301 Operate a screen cleaner for seed processing</p> <p>AHCSPO302 Operate an indent cylinder</p> <p>AHCSPO303 Operate a gravity table</p> <p>AHCSPO304 Operate seed modification machinery</p> <p>AHCSPO306 Operate specialised seed processing machinery</p>	Not equivalent
AHCSPO309 Process planting seed	AHCSPO303 Operate a gravity table	<p>This unit supersedes the following units:</p> <p>AHCSPO301 Operate a screen cleaner for seed processing</p> <p>AHCSPO302 Operate an indent cylinder</p> <p>AHCSPO303 Operate a gravity table</p> <p>AHCSPO304 Operate seed modification machinery</p> <p>AHCSPO306 Operate specialised seed processing machinery</p>	Not equivalent

<p>AHCSPO309 Process planting seed</p>	<p>AHCSPO304 Operate seed modification machinery</p>	<p>This unit supersedes the following units: AHCSPO301 Operate a screen cleaner for seed processing AHCSPO302 Operate an indent cylinder AHCSPO303 Operate a gravity table AHCSPO304 Operate seed modification machinery AHCSPO306 Operate specialised seed processing machinery</p>	<p>Not equivalent</p>
<p>AHCSPO309 Process planting seed</p>	<p>AHCSPO306 Operate specialised seed processing machinery</p>	<p>This unit supersedes the following units: AHCSPO301 Operate a screen cleaner for seed processing AHCSPO302 Operate an indent cylinder AHCSPO303 Operate a gravity table AHCSPO304 Operate seed modification machinery AHCSPO306 Operate specialised seed processing machinery</p>	<p>Not equivalent</p>

Links

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