

AHCSPO306 Operate specialised seed processing machinery

Modification history

Release	Comments
Release 1	This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 1.0.

AHCSPO306	Operate specialised seed processing machinery
Application	<p>This unit of competency describes the skills and knowledge required to operate specialised seed processing 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>
Prerequisite Unit	Nil
Unit Sector	Seed Processing (SPO)

Commented [RB1]: This is may be OK at a level 3 due to the complexity of each machine. Advice sought to clarify

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

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
Reading	<ul style="list-style-type: none"> Interpret work plans, manufacturer specifications and operator instruction for using a screen cleaner for seed
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"> Calibrate specialised equipment

Unit Mapping Information

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Code and title current version	Code and title previous version	Comments	Equivalence status
AHCSPO306 Operate specialised seed processing machinery Release 2	AHCSPO306 Operate specialised seed processing machinery Release 1	Minor changes to Application, and Performance Criteria. Added Foundation skills. Updated Performance Evidence, Knowledge Evidence and Assessment Conditions	Equivalent

Links	Companion Volumes, including Implementation Guides, are available at VETNet: https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72
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TITLE	Assessment requirements for AHCSP0306 Operate specialised seed processing machinery
Performance Evidence	
<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 operated at least 2 of the following machines:</p> <ul style="list-style-type: none"> • airlegs • colour sorters • floatation tanks • magnetic rollers • seed dryers • seed sizing equipment • seed spirals • velvet rollers <p>There must also be evidence that the individual has:</p> <ul style="list-style-type: none"> • set up and prepared specialised seed processing machinery • operated the specialised seed processing machinery safely and within specification • reported on specialised seed processing machinery and equipment operation. 	
Knowledge Evidence	
<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"> • principles and practices for operating two kinds of specialised seed processing machinery <ul style="list-style-type: none"> • safe operation of machinery • the basic principles and operation of airlegs • the basic principles and operation of colour sorters • the basic principles and operation of floatation tanks • the basic principles and operation of magnetic rollers • the basic principles and operation of seed dryers • the basic principles and operation of seed sizing equipment • the basic principles and operation of seed spirals • the basic principles and operation of velvet rollers • workplace health and safety considerations in the seed treatment process, including personal protective equipment (PPE) • basics of programmable logic controller/treatment control systems and electrical process • operation and maintenance of machinery. 	
Assessment Conditions	
<p>Assessment of the skills in this unit of competency must take place under the following conditions:</p> <ul style="list-style-type: none"> • physical conditions: <ul style="list-style-type: none"> • skills must be demonstrated in a seed processing plant, farm or an environment that accurately represents workplace conditions • resources, equipment and materials: <ul style="list-style-type: none"> • seed treatment machinery • seed treatment consumables, materials and chemicals • tools and equipment for adjustments • use of specific items of personal protective equipment • specifications: <ul style="list-style-type: none"> • use of workplace procedures • use of manufacturer operating instructions for equipment • use of workplace instructions and specifications • use of safety data sheets (SDS) • relationships: <ul style="list-style-type: none"> • supervisor. 	

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Assessment Conditions

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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