



Australian Government

AHCSP0304 Operate seed modification machinery

Release: 1

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Modification History

Release	TP Version	Comment
1	AHCv1.0	Initial release

Application

This unit of competency describes the skills and knowledge required to operate seed modification or seed alteration machinery and equipment such as de-awners. Workers operate with some judgement and discretion and work would normally be carried out under minimal supervision within enterprise requirements and procedures.

It 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 occupational licensing, legislative or certification requirements are known to apply to this unit at the time of publication.

Pre-requisite Unit

Nil.

Unit Sector

Seed processing (SPO)

Elements and Performance Criteria

Element	Performance criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
1. Select and prepare seed modification machinery and equipment for use	1.1 Prepare seed modification machinery to job requirements and confirmed against work plan 1.2 Complete routine pre-operational checks of the machine to manufacturer's specifications and enterprise requirements 1.3 Recognise work health and safety hazards in the workplace and assess and minimise risks
2. Operate seed	2.1 Operate seed modification machinery in a safe and controlled

Element	Performance criteria
modification machinery and equipment	manner and monitor for performance and efficiency 2.2 Anticipate risks to self, others and the environment and implement minimisation 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 seed modification machinery and equipment operation	3.1 Complete shut-down procedures to manufacturer's specifications and enterprise requirements 3.2 Complete and maintain machinery and equipment operational records 3.3 Report malfunctions, faults and observation of irregular performance of seed modification machinery and equipment 3.4 Clean, secure and store machinery and equipment

Foundation Skills

Foundation Skills essential to performance are explicit in the performance criteria of this unit of competency.

Range of Conditions

Unit Mapping Information

This unit is equivalent to AHCSPO304A Operate seed modification machinery.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72>

Assessment Requirements for AHCSPO304 Operate seed modification machinery

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Performance Evidence

The candidate must be assessed on their ability to integrate and apply the performance requirements of this unit in a workplace setting. Performance must be demonstrated consistently over time and in a suitable range of contexts.

The candidate must provide evidence that they can:

- identify the need for a particular line of seed to be modified
- set up and prepare machinery for use
- operate seed modification machinery
- report on seed modification machinery and equipment operation

Knowledge Evidence

The candidate must demonstrate knowledge of:

- principles and practices for operating two kinds of seed modification machinery
 - safe machinery operation
 - seed biology; coleoptiles
 - damage caused to seed by modification machinery such as de-awners/clippers, scarifiers, rice huskers etc.
 - the principles of operation and the expectations and limitations, maintenance and safety associated with seed modification machinery

Assessment Conditions

Assessors must satisfy current standards for RTOs.

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