



Australian Government

AHCSPO303 Operate a gravity table

Release: 1

AHCSP0303 Operate a gravity table

Modification History

Release	TP Version	Comment
1	AHCv1.0	Initial release

Application

This unit of competency describes the skills and knowledge required to operate a gravity table to clean or process seed. It applies to the operation of gravity tables for cleaning or processing commercial quantities of seed. 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. Set up and prepare gravity table for use	1.1 Prepare a gravity table to job requirements and confirm 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

Element	Performance criteria
2. Operate a gravity table to process seed	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 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 gravity table operation	3.1 Complete shut-down procedures to manufacturer's specifications and enterprise requirements 3.2 Complete and maintain operational records 3.3 Report malfunctions, faults and observation of irregular performance of gravity table 3.4 Disassemble gravity table after operations 3.5 Clean gravity table and associated components

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 AHCSPO303A Operate a gravity table.

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 AHCSPO303 Operate a gravity table

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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:

- assess the product input and outputs of the gravity table
- make adjustments to the gravity table settings to maximise the output
- set up and prepare gravity table for use
- perform basic maintenance of gravity table
- report on gravity table operations
- disassemble and clean gravity table and associated components after operation

Knowledge Evidence

The candidate must demonstrate knowledge of:

- principles and practices for operating gravity tables
 - cleaning strategies
 - deck types and designs and their effects on operational effectiveness
 - machine capabilities and settings
 - machinery safety
 - seed biology and damage to seed by mechanical action
 - the adjustment and effect of airflow, oscillation and deck angle
 - the principles of gravity separation
 - types of available gravity tables

Assessment Conditions

Assessors must satisfy current standards for RTOs.

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