



Australian Government

Assessment Requirements for AHCPHT315 Establish horticultural crops

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 6.0.

Performance Evidence

An individual demonstrating competency must satisfy all of the elements and performance criteria in this unit.

There must be evidence that the individual has established horticultural crops on at least two occasions, and has:

- applied workplace health and safety requirements
- carried out tool, machinery and equipment pre-operational checks according to operation and maintenance manual
- attached and calibrated equipment safely
- carried out ground preparation and applied pre-planting treatments
- operated tools, machinery and equipment according to operation and maintenance manual, manufacturer specifications, task requirements and local conditions
- carried out sowing or planting operations, and fertiliser application
- minimised environmental and biosecurity impacts associated with establishing horticultural crops
- shut down machinery and equipment
- performed minor maintenance
- recognised and documented defects in machinery and equipment
- cleaned, stored and secured tools, machinery and equipment
- recorded and reported establishment activities and machinery use.

Knowledge Evidence

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:

- workplace requirements applicable to health and safety in the workplace for establishing horticultural crops
- manufacturer and workplace requirements for seeding and planting machinery and equipment, including:

- pre-operational checks
- machinery operation techniques
- principles of weight distribution with regard to load shifting and vehicle movement
- operator level servicing
- planned and emergency shut-down procedures
- principles and practices for establishing crops, including:
 - crop types, preparation of seeds and plants, seeding and planting methods and application techniques
 - effects of weather conditions on seeding and planting and fertilising applications
 - workplace procedures for seeding and planting operations, recording and reporting
 - fertiliser types, rates of application and crop nutrient requirements
 - sustainable land management and soil conservation techniques
- environmental and biosecurity impacts associated with establishing horticultural crops, including:
 - positive environmental practices, negative environmental impacts, and minimisation measures associated with seeding operations
 - chemical handling techniques for fertiliser
 - fertiliser safety data sheets information
 - environmental impacts of fertiliser
 - use and control of hazardous substances.

Assessment Conditions

Assessment of the skills in this unit of competency must take place under the following conditions:

- physical conditions:
 - a workplace setting or an environment that accurately represents workplace conditions
 - individual must not be under the influence of alcohol or drugs
 - individual must not be taking any medication (prescribed or otherwise) that may impair judgement
 - individual must not be in a fatigued state when operating seeding and planting machinery
- resources, equipment and materials:
 - seeding and planting machinery
 - horticultural seeds and seedlings
 - personal protective equipment applicable to establishing horticultural crops
- specifications:
 - horticultural seeding and planting machinery and equipment operation and maintenance manuals
 - workplace requirements applicable to health and safety in the workplace for establishing horticultural crops

- work instructions and workplace procedures applicable to establishing horticultural crops
- recording procedures
- industry and workplace environmental and biosecurity procedures applicable to establishing horticultural crops
- timeframes:
 - according to job requirements.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

Links

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