



Australian Government

Assessment Requirements for AHCBAC317 Undertake agricultural crop harvesting activities

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.

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 harvested at least one agricultural crop and has:

- sampled crops to assess readiness for harvest, including:
 - moisture content
 - maturity/ripeness of the crop
- implemented crop pre-treatment procedure
- used and maintained personal protective equipment (PPE)
- operated crop harvesting machinery and equipment, including:
 - handled and manoeuvred harvesting equipment or technology
 - used technology to improve efficiency
 - implemented pre-and post-operational checks on tools, harvesting machinery and equipment
 - performed routine, service and maintenance procedures on tools, harvesting machinery and equipment
 - transported, cleaned and stored harvesting equipment
 - monitored efficiency of harvesting equipment
 - made adjustments to settings to improve harvest efficiency
- implemented procedures for seed handling, hygiene and biosecurity
- maintained records and documentation
- identified health and safety hazards, assessed risk and implement safety procedures for harvest tasks including:
 - implemented fire prevention measures
 - performed harvesting safely.

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:

- manufacturer specifications and workplace procedures
- operation of crop harvesting machinery and equipment, including:
 - safety and use of equipment
 - handling and manoeuvring of harvesting equipment
 - pre-and post-operational checks on tools, harvesting machinery and equipment
 - routine, service and maintenance procedures for tools, harvesting machinery and equipment
- principles of precision agriculture and the role of technology in improving efficiencies, including:
 - self-drive, auto steer, global navigation satellite systems (GNSS) and laser technologies
 - digital and remote sensors
 - remote piloted systems
 - controlled traffic farming (CTF)
- principles and impacts pre-harvest treatments and their application in broadacre crops, including:
 - windrowing
 - swathing
 - chemical desiccants
- crop features and recognition of readiness for harvesting, including:
 - sampling crops
 - assessing samples for harvesting
 - post-harvest treatments of crops
- workplace, federal and international standards for harvested crops
- procedures for seed handling and hygiene
- workplace health and safety procedures including:
 - broadacre farm hazards, risks and controls
 - working near harvesting machinery and equipment
 - working at heights and confined spaces with storage bins
 - power lines and elevated equipment safety
 - fire risk for equipment and stored crop
- workplace environmental and biosecurity policies and practices.

Assessment Conditions

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

- • physical conditions:

- skills must be demonstrated in on broadacre farm with paddocks of agriculture crop ready for harvest or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - harvestable crop
 - harvesting tools, equipment or technology and machinery
 - personal protective equipment (PPE)
 - crop sampling equipment
- specifications:
 - workplace policies, procedures, processes for harvesting
 - manufacturer operating instructions for tools, equipment and machinery
 - crop harvest specifications
- relationships:
 - supervisor(s).

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>