



Australian Government

Assessment Requirements for AHCBAC207 Assist agricultural crop harvesting

Release: 1

Assessment Requirements for AHC BAC207 Assist agricultural crop harvesting

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 on at least one occasion assisted in the preparation, operation and maintenance of machinery and equipment during harvest operations, including:

- identified and reported safety hazards and risks and follow safety directions
- communicated with supervisor
- prepared harvesting equipment or technology and machinery, including:
 - calibrated and adjusted equipment for optimum performance
 - measured quantities
 - checked and maintained oil levels
 - greased equipment and machinery components
 - checked and maintained water levels
 - checked and maintained tyre air pressures
- operated machinery to manufacturer instructions and workplace procedures as directed in support of the harvesting team
- refuelled harvesting vehicles and machinery
- disposed of waste according to environmental procedures
- maintained records according to procedures
- followed workplace health and safety and biosecurity procedures
- used and maintained personal protective equipment (PPE).

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:
- basic harvesting machinery operation and equipment basic maintenance

- basic 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
 - variable rate technology (VRT)
- hazard identification during harvesting, including:
 - workplace health and safe work practices
 - trapping, entanglement, sheering and cutting
 - noise
 - dust and respiratory issues
 - vibration
 - personal protective equipment and its use
- crop hygiene and biosecurity requirements and procedures
- work health and safety, including:
 - types of crops and their characteristics for harvest
 - weather conditions, fire risk and fire prevention
 - broad acre farm hazards, risks and controls
 - working at heights and confined spaces with storage bins
 - power lines and elevated equipment safety
 - workplace biosecurity procedures.

Assessment Conditions

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

- physical conditions:
 - skills must be demonstrated on a broad acre farm with harvestable crop or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - harvest equipment appropriate for the crop to be harvested
 - tools and equipment or technology for checking and maintaining machinery
 - personal protective equipment
- specifications:
 - workplace procedures
 - manufacturer operating instructions for machinery and equipment
 - workplace instructions
- 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>