

Modification history

Release	Comments
Release 1	This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 6.0.

AHCBAC203	Assist agricultural crop harvesting
Application	<p>This unit of competency describes the skills and knowledge required to assist in the preparation, operation and maintenance of machinery and equipment used during agricultural crop harvesting.</p> <p>The unit applies to individuals who work under general supervision and exercise limited autonomy with some accountability for own work. They undertake defined activities and work in a structured context.</p> <p>No licensing, legislative or certification requirements apply to this unit at the time of publication.</p>
Prerequisite Unit	Nil
Unit Sector	Broad Acre Cropping (BAC)

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Prepare for agricultural crop harvesting operations	1.1 Confirm crop harvesting instructions with the supervisor 1.2 Select and prepare machinery, equipment and tools 1.3 Identify work health and safety hazards in crop harvesting, assess risks and report to supervisor 1.4 Select, check, use and maintain personal protective equipment
2. Prepare harvesting machinery and vehicles for crop harvesting operations	2.1 Refuel machinery and vehicles used for harvesting 2.2 Conduct routine pre-start checks 2.3 Confirm special operating instructions and work procedures with supervisor
3. Assist with harvesting of crops	3.1 Assist safe operation of harvesting machinery and ancillary equipment according to crop conditions 3.2 Maintain hygiene procedures for harvest equipment 3.3 Assist with checks and adjustments for harvester and ancillary equipment according to instructions
4 Complete harvesting operation	4.1 Clean harvesting machinery and vehicles according to biosecurity and hygiene procedures 4.2 Dispose waste according to workplace and environmental procedures 4.3 Update workplace records according to procedures

Foundation Skills	
<i>This section describes those language, literacy, numeracy and employment skills that are essential for performance in this unit of competency but are not explicit in the performance criteria.</i>	
Skill	Description
Reading	<ul style="list-style-type: none"> Interpret, consolidate and check understanding and accuracy of instructions with supervisor
Writing	<ul style="list-style-type: none"> Use industry language and correct concepts and terminology when updating records
Numeracy	<ul style="list-style-type: none"> Perform basic mathematical calculations to determine correct volumes of fuel, lubricants and coolants Perform basic calculations when calibrating and setting machinery for harvesting operations

Unit Mapping Information			
Code and title current version	Code and title previous version	Comments	Equivalence status
AHCBA203 Assist agricultural crop harvesting Release 2	AHCBA203 Assist agricultural crop harvesting Release 1	Changes to Application, Minor edits and consolidation of Performance Criteria. Added foundation Skills. Updated Performance Evidence, Knowledge Evidence and Assessment Conditions	Equivalent

Links	Companion Volumes, including Implementation Guides, are available at VETNet: https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72
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TITLE	Assessment requirements for AHCBA203 Assist agricultural crop harvesting
Performance Evidence	
<p>An individual demonstrating competency must satisfy all of the elements and performance criteria in this unit.</p> <p>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 a harvest operations, including:</p> <ul style="list-style-type: none"> • identified and reported safety hazards and risks and follow safety directions • communicated with supervisor • prepared harvesting equipment and machinery, including: <ul style="list-style-type: none"> • 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 enterprise procedures as directed in support the harvesting team • refuelled harvesting vehicles and machinery • disposed of waste according to environmental procedures • maintained records according to procedures • follow workplace health and safety and biosecurity procedures. 	
Knowledge Evidence	
<p>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:</p> <ul style="list-style-type: none"> • harvesting machinery operation and equipment basic maintenance, including: <ul style="list-style-type: none"> • lubrication • fuel • cooling systems • hydraulics • calibration and adjustments for performance • basic use of technology assisted harvesting, including, self-drive, global positioning, remote and autonomous systems • hazard identification and safe work practices during harvesting, including: <ul style="list-style-type: none"> • trapping, entanglement, shearing and cutting • noise • dust • vibration • fire risk • personal protective equipment • types of crops and their characteristics for harvest • crop hygiene and biosecurity requirements and procedures • enterprise work health and safety and biosecurity procedures. 	
Assessment Conditions	
<p>Assessment of the skills in this unit of competency must take place under the following conditions:</p> <ul style="list-style-type: none"> • physical conditions: <ul style="list-style-type: none"> • skills must be demonstrated on a farm with harvestable crop or an environment that accurately represents workplace conditions • resources, equipment and materials: <ul style="list-style-type: none"> • harvest equipment appropriate for the crop to be harvested • use of tools and equipment for checking and maintaining machinery • use of personal protective equipment • specifications: 	

Assessment Conditions	
<ul style="list-style-type: none">• use of workplace procedures• use of manufacturer operating instructions for machinery and equipment• use of workplace instructions• relationships:<ul style="list-style-type: none">• supervisor. <p>Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.</p>	
Links	Companion Volumes, including Implementation Guides, are available at VETNet: https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72